AGNICO EAGLE

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

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Glossary and Abbreviations

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Glossary and Abbreviations

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

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

Plain Language Summary

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Plain Language Summary

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

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

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

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

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

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

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

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

1. Introduction

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1. Introduction

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

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

1.1 Report Structure

Following this introduction, the report is structured as follows:

- Section 2 describes the modifications to the mine plan included in the model update;
- Section 1 describes updates made to the water balance model calibration and assumptions;
- Section 4 describes updates made to the water quality model calibration and assumptions;
- Section 0 summarizes the water balance model results;
- Section 6 summarizes the water quality model results; and,
- Section 7 provides a summary of key findings.

2. Model Input Sources

2. Model Input Sources

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

2.1 Meliadine Mine Plan

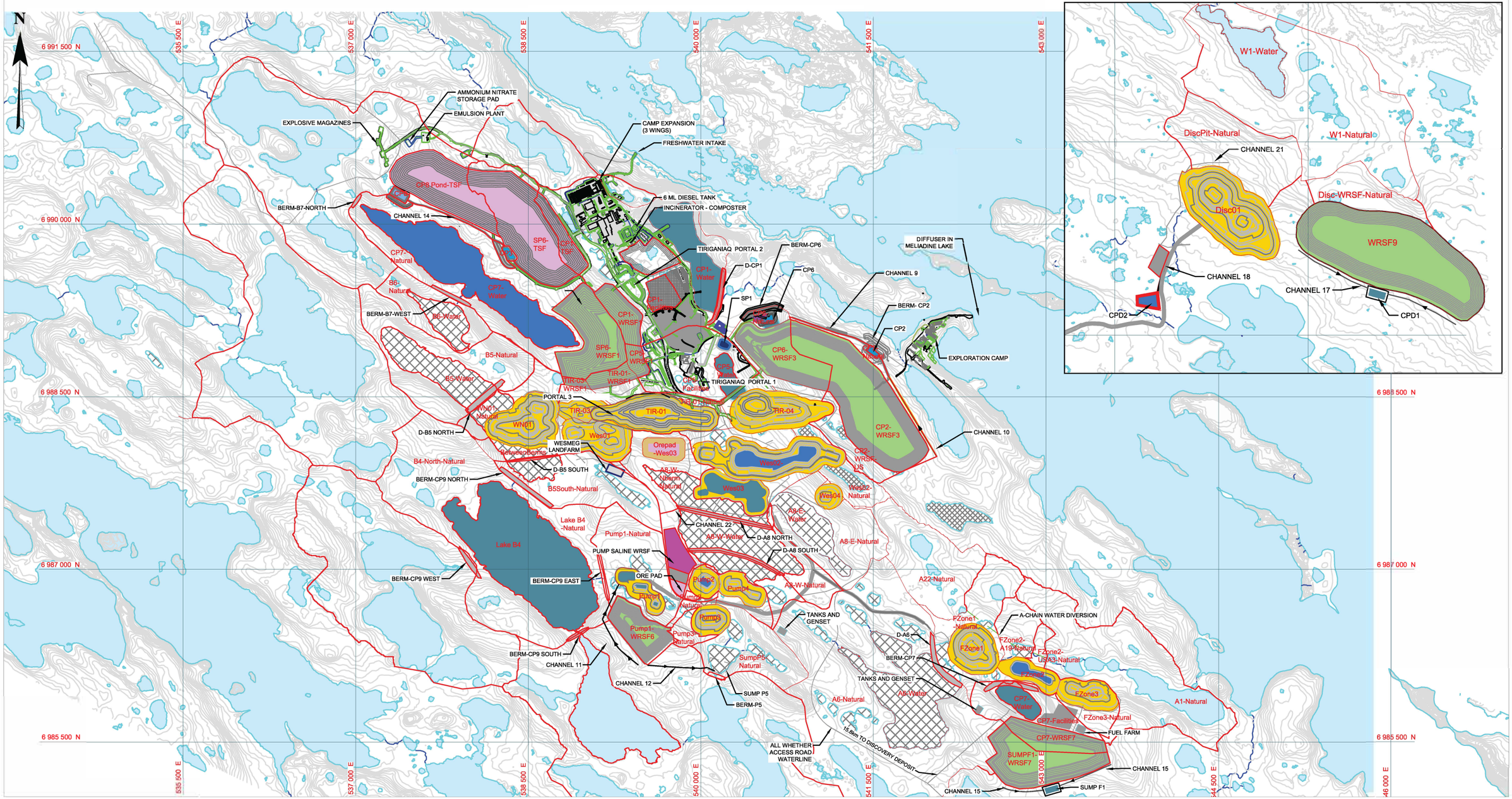
The proposed Meliadine Mine timeline is as follows:

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

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

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

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



LEGEND

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

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PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2036

PROJECT #: A667-5

FIGURE: 2-1

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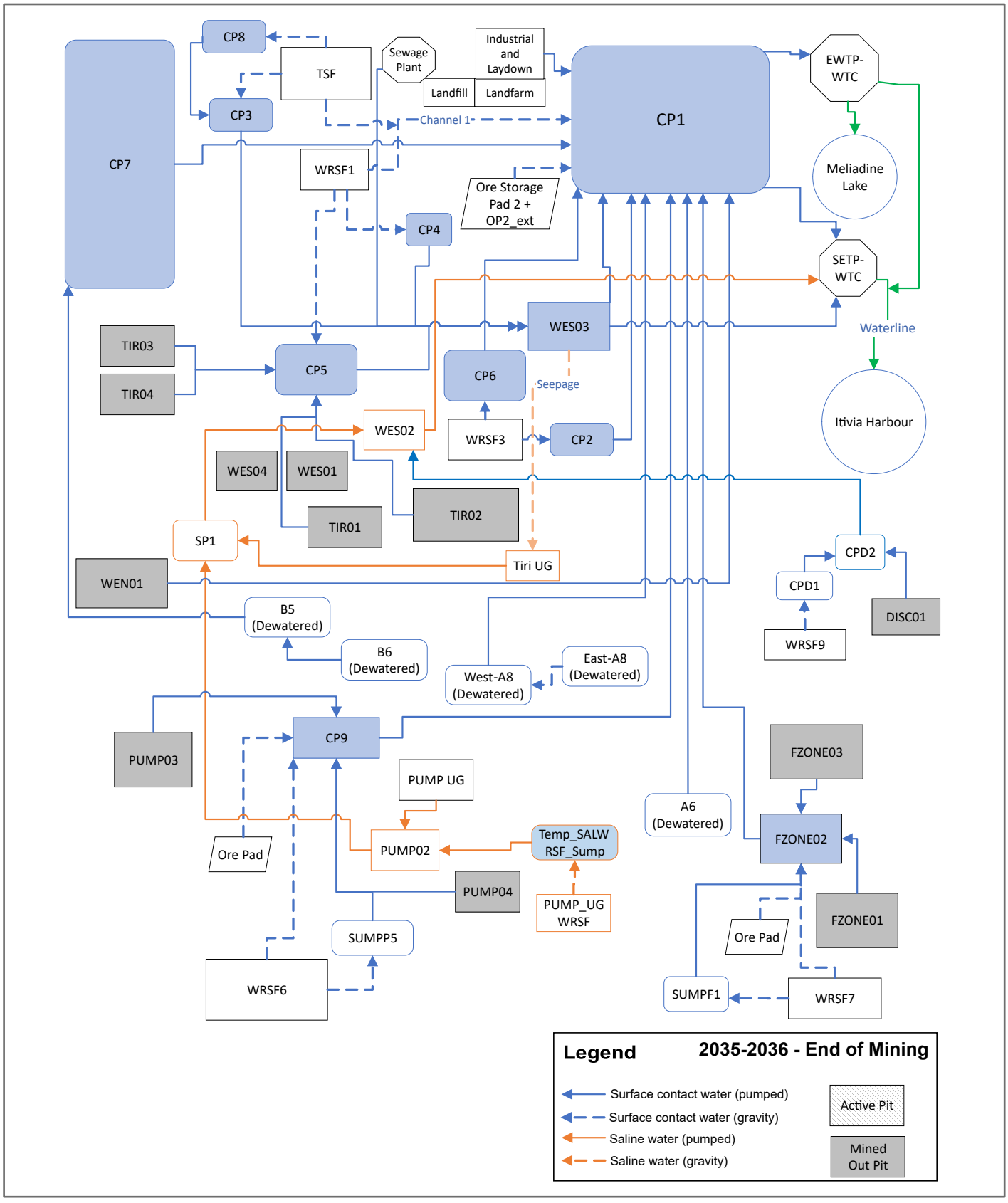

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PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2035-2036 EOM

PROJECT #: A667-5

FIGURE: 2-2

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

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

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

2.2 Closure Assumptions

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

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

3. Water Balance Model Updates

3. Water Balance Model Updates

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

3.1 Watershed Model

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

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

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

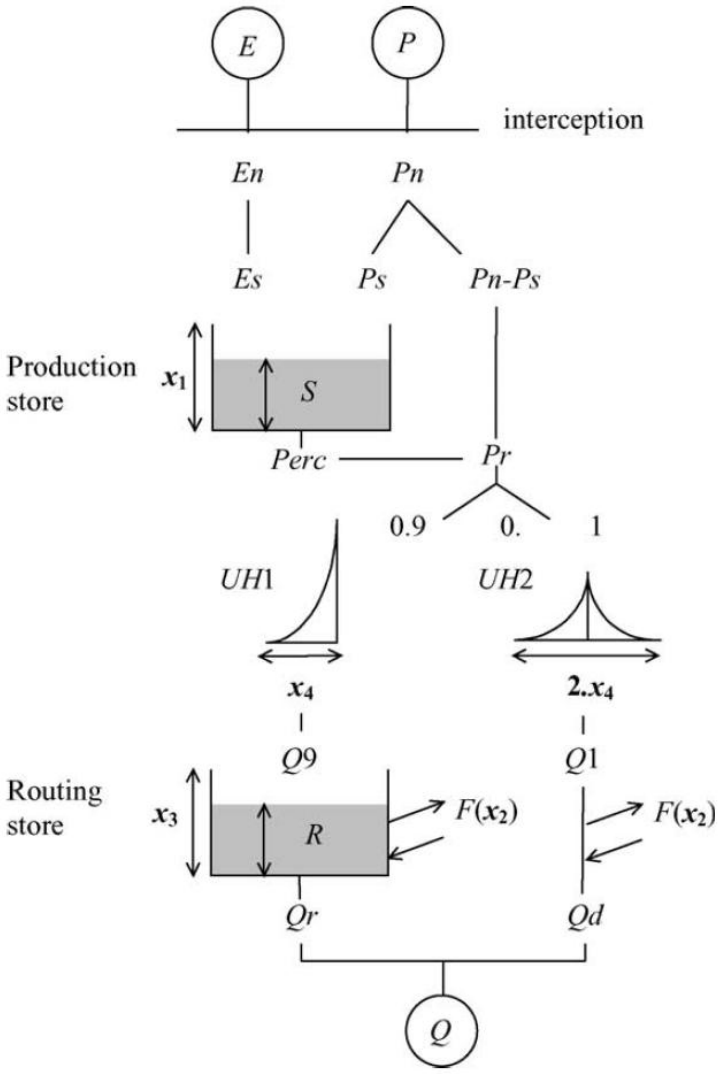

Figure 3-1: Conceptual Diagram of the GR4J Watershed Model

Table 3-1:
Calibrated Cemaneige and GR4J Parameters

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

3.2 Model Calibration

Calibration of the watershed model was conducted in two stages:

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

3.2.1 Regional Streamflow Calibration

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

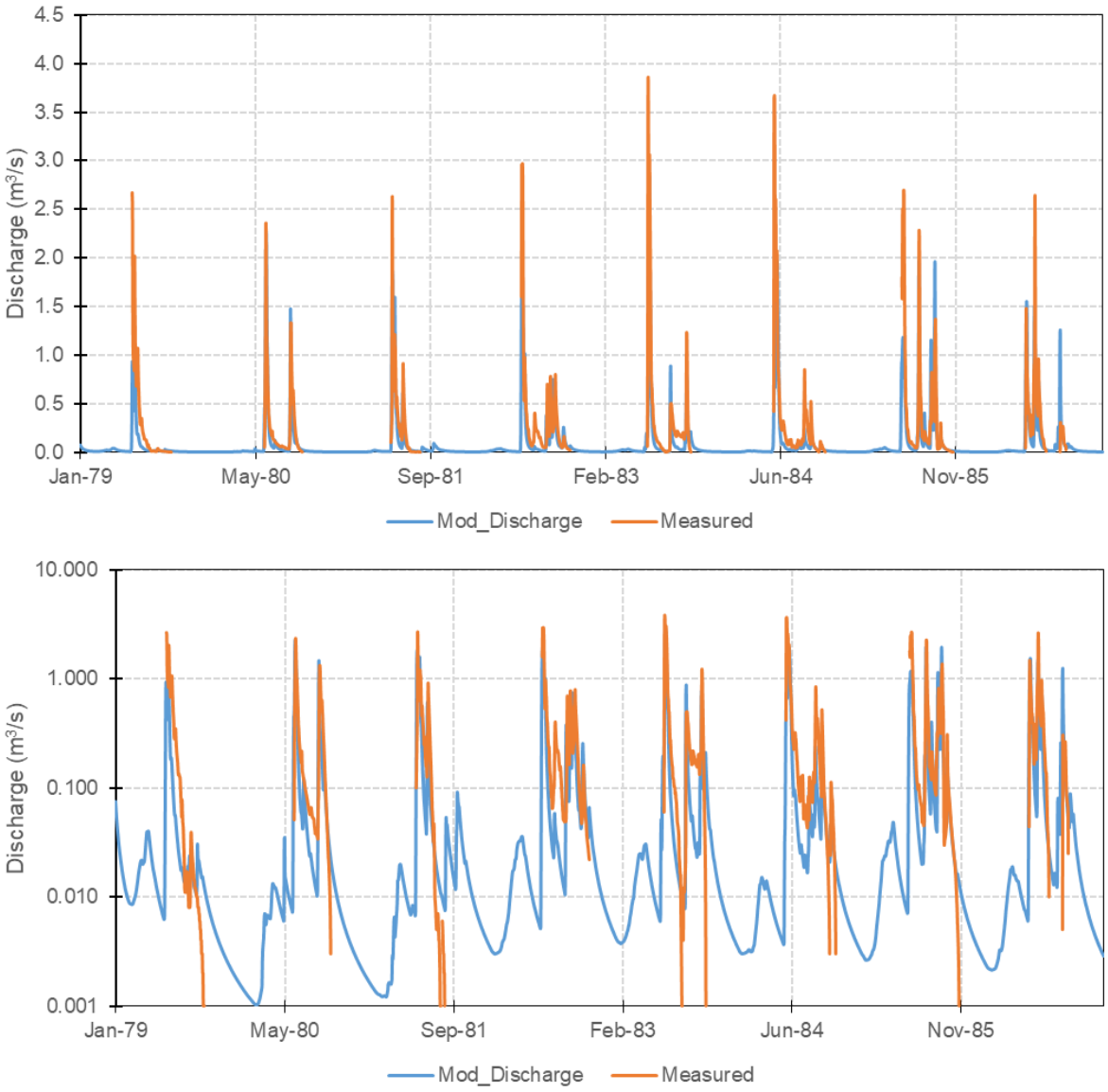

Figure 3-2: Measured and Modelled Streamflows for the Akkutuak Creek Near Baker Lake Hydrometric Station (1979-1986). Note bottom plot with log y-axis.

3.2.2 Meliadine Lake Outflow Calibration

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

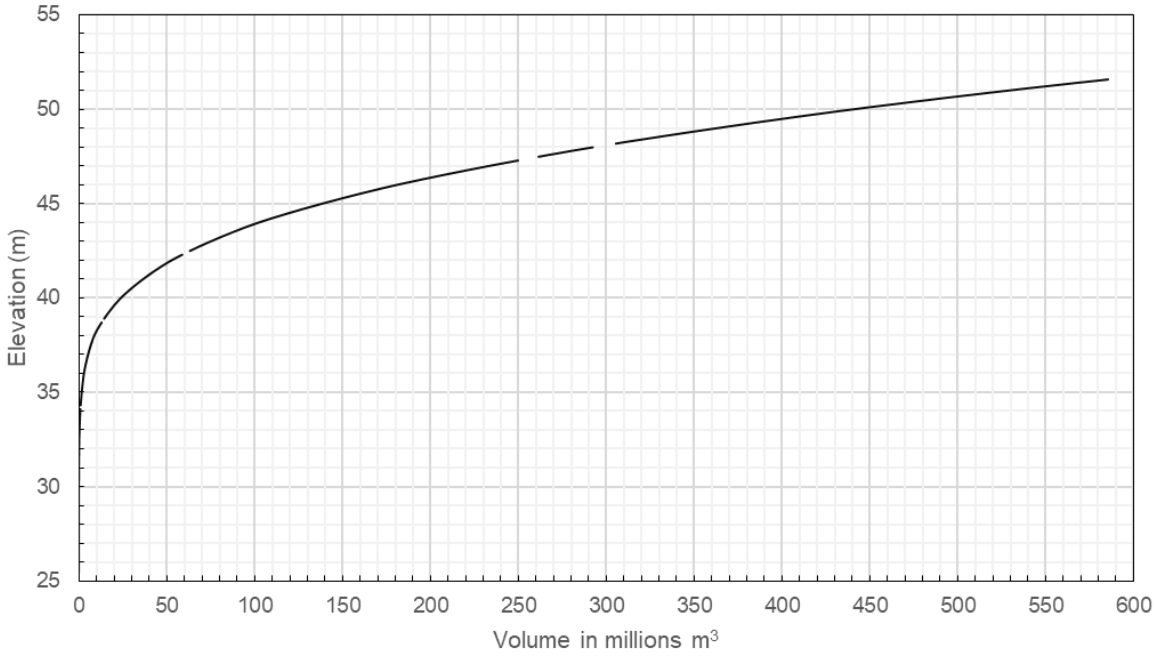

Figure 3-3: Volume-Elevation Curve for Meliadine Lake

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

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

This model was calibrated to the measured lake outflows and shows good agreement with the measured data (Figure 3-4). As more data is collected from the outflow hydrometric stations, the model will be validated, and the calibration updated if the model predictions drift appreciably from the measured data.

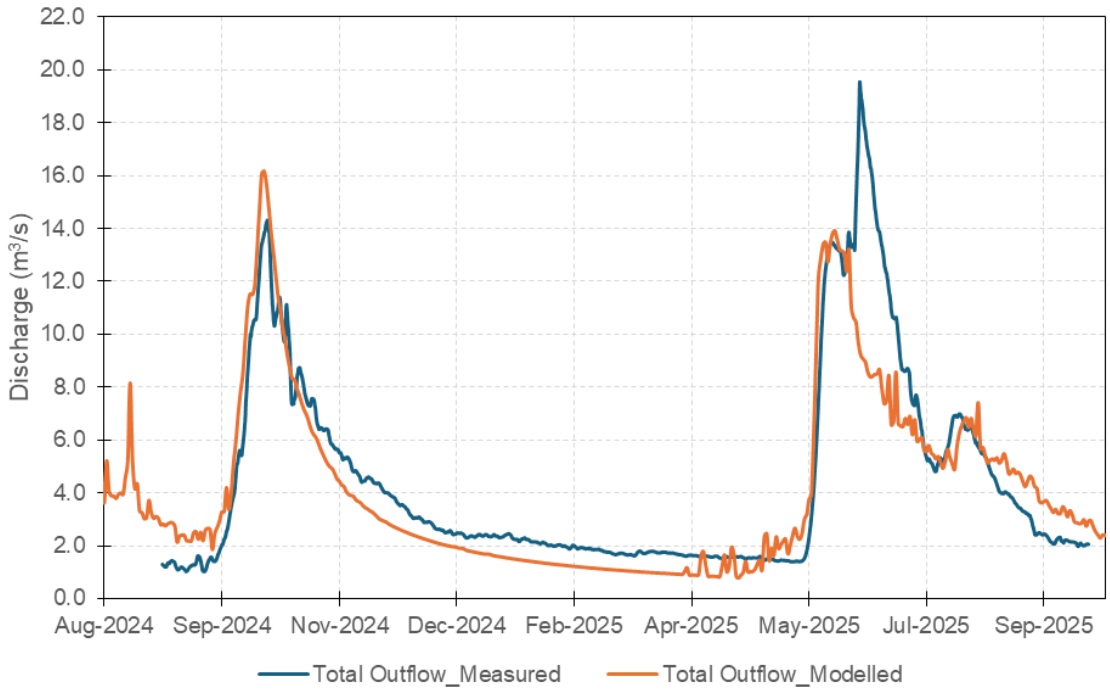

Figure 3-4: Modelled and Measured Outflows from Meliadine Lake

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

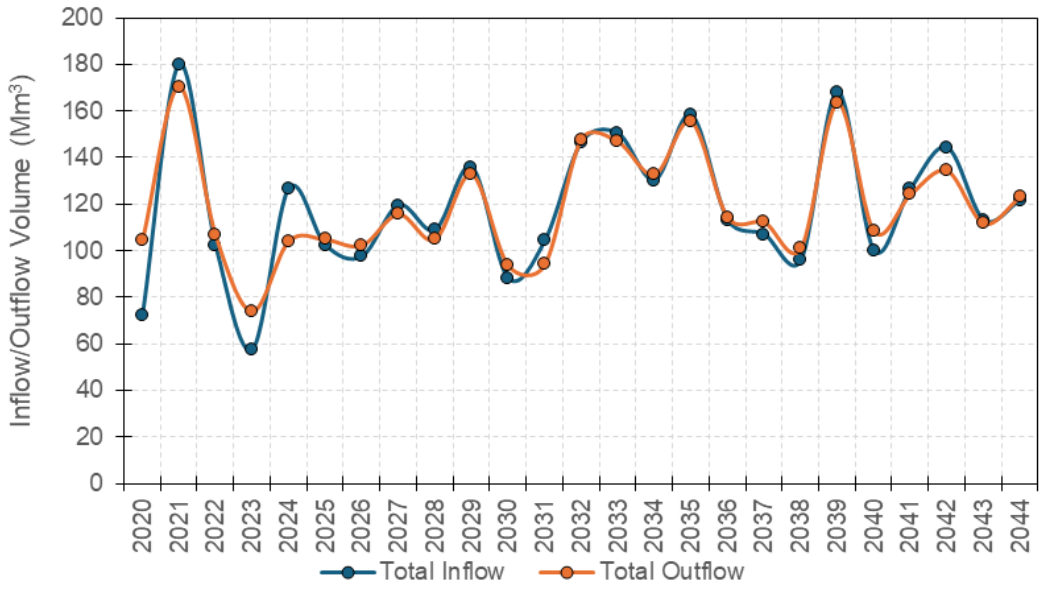

Figure 3-5: Modelled Total Annual Inflows and Outflows for Meliadine Lake

3.2.3 Collection Pond Water Balance Calibration

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

Inputs to the calibration model included:

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

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

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

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

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

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

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

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LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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

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AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine

TITLE:

Meliadine Mine Catchments (2021)

PROJECT #:	A667-5	FIGURE:	3-6

Figure 1 - Site Catchments - 2021

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Earthstar Geographics

LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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PROJECT:

Meliadine Mine

TITLE:

Meliadine Mine Catchments (2022)

PROJECT #: A667-5 FIGURE: 3-7

Figure 2 - Site Catchments - 2022

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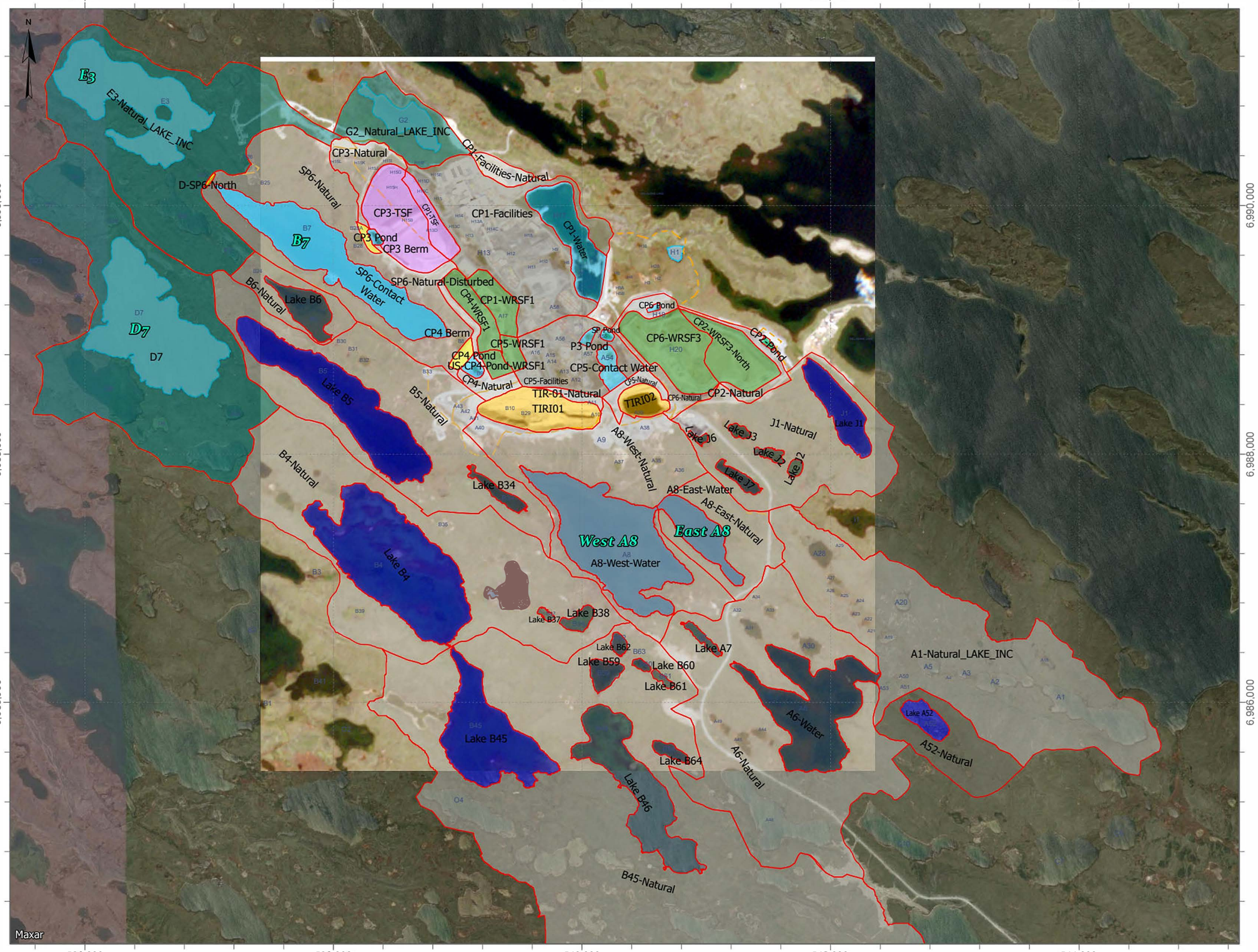

LEGEND

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- Major Catchments
- Waterbody

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PROJECT:

Meliadine Mine

TITLE:

Meliadine Mine Catchments (2023)

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

Figure 3 - Site Catchments - 2023

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- WBM-Catchments
- Major Catchments
- Waterbody

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TITLE:

Meliadine Mine Catchments (2024)

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

Figure 4 - Site Catchments - 2024

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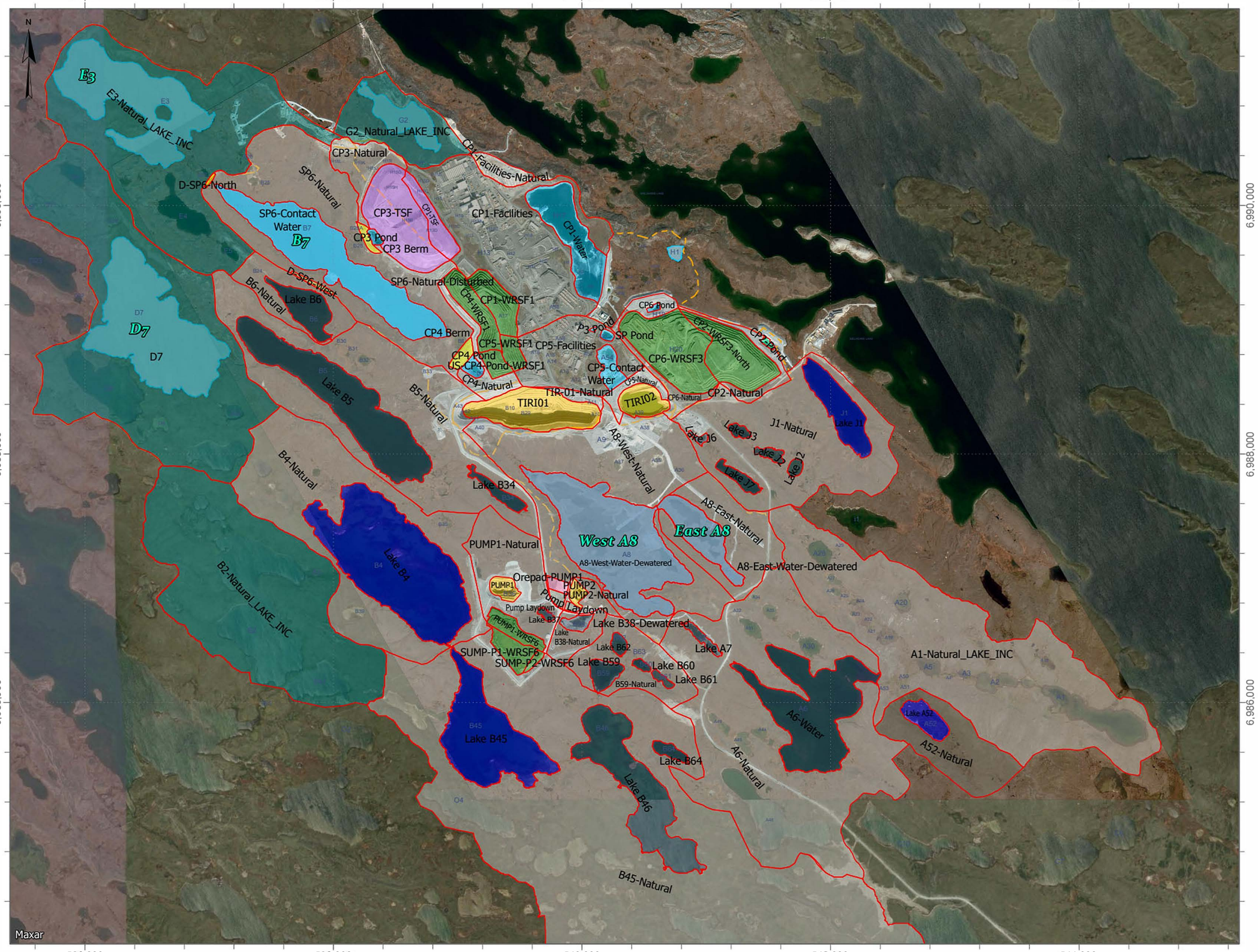

LEGEND

- WBM-Catchments
- Major Catchments
- Waterbody

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PROJECT:

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TITLE:

Meliadine Mine Catchments (2025)

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

Figure 5 - Site Catchments - 2025

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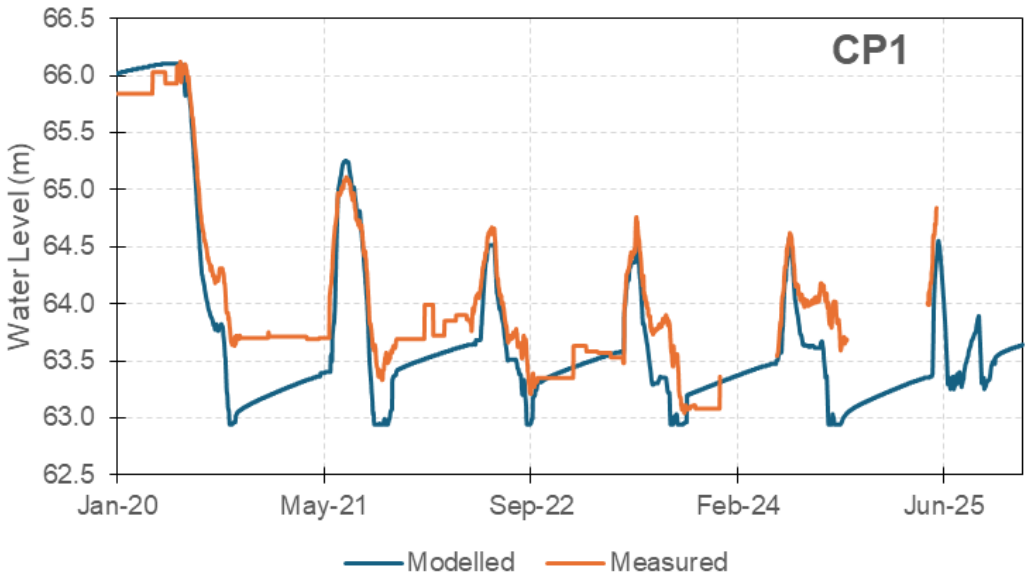

Figure 3-11: Modelled and Measured Water Levels for the CP1 Pond

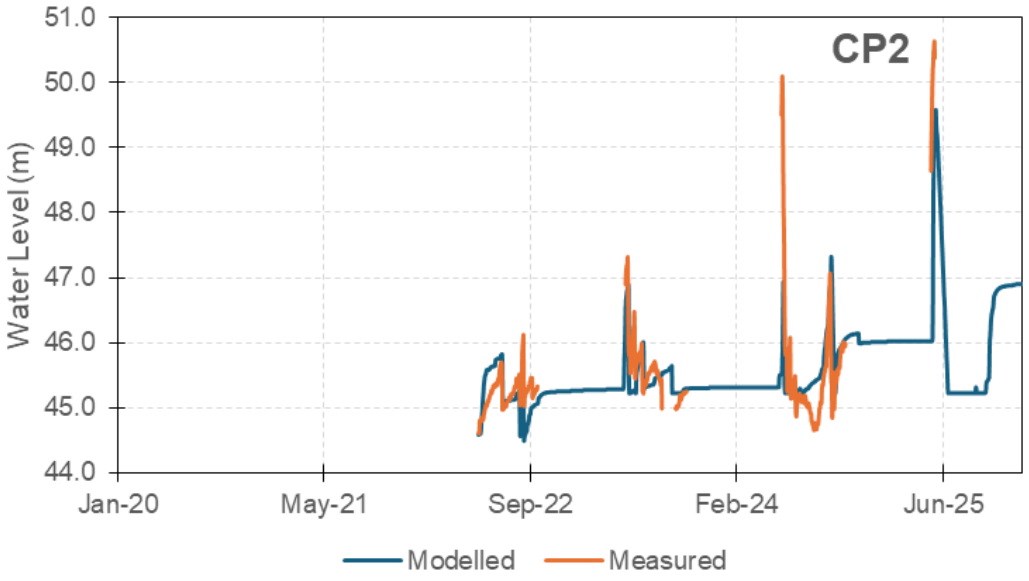

Figure 3-12: Modelled and Measured Water Levels for the CP2 Pond

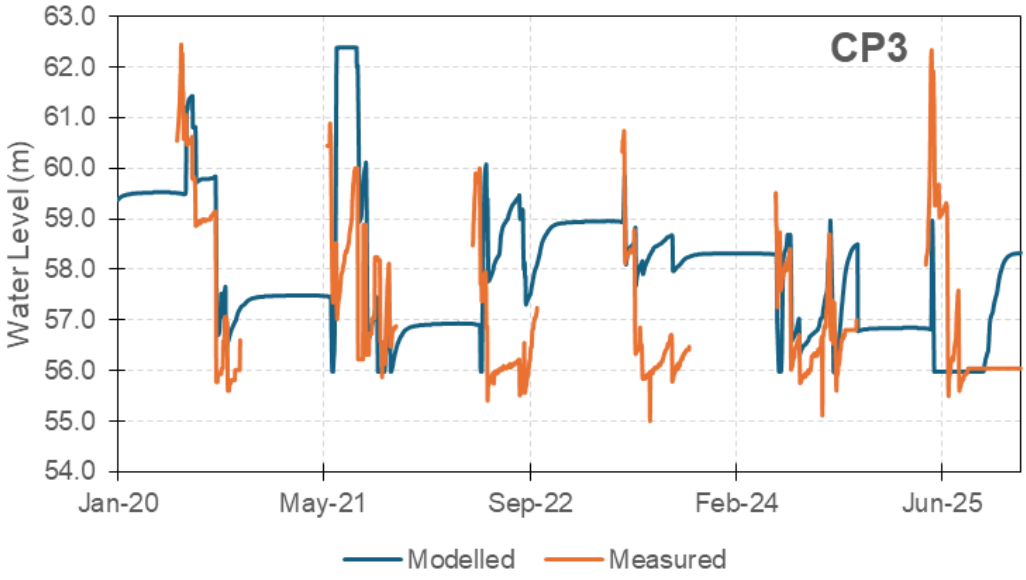

Figure 3-13: Modelled and Measured Water Levels for the CP3 Pond

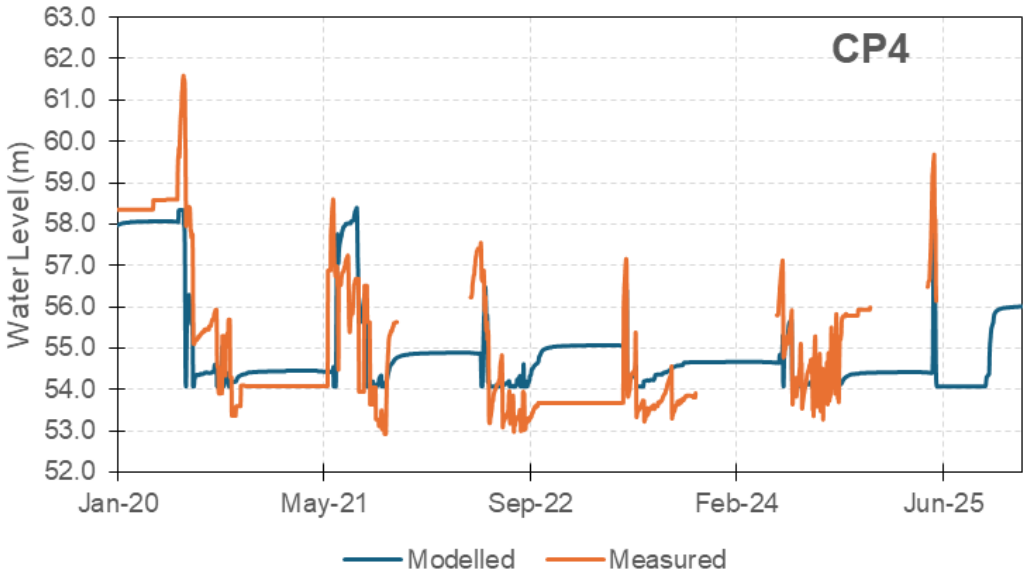

Figure 3-14: Modelled and Measured Water Levels for the CP4 Pond

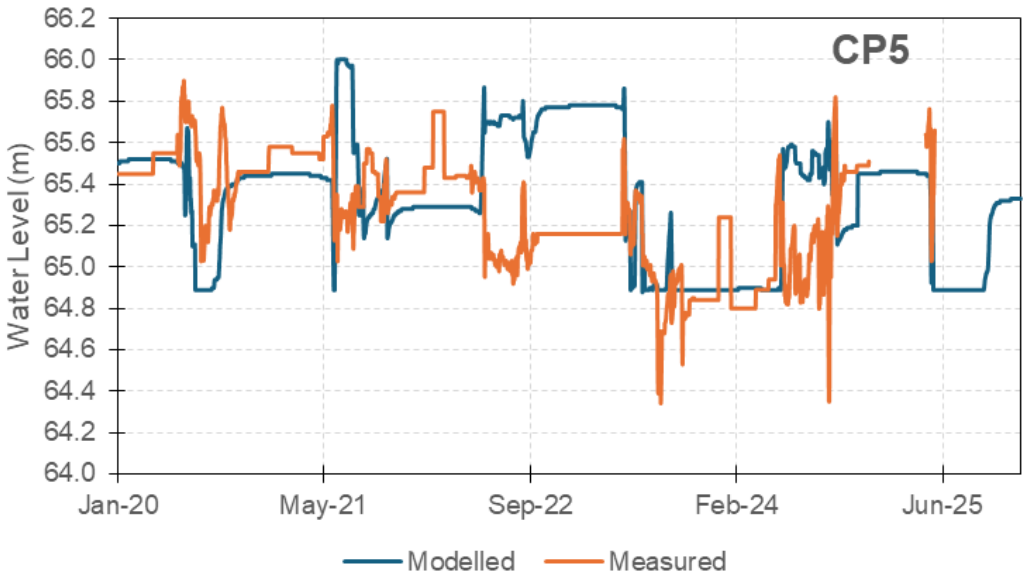

Figure 3-15: Modelled and Measured Water Levels for the CP5 Pond

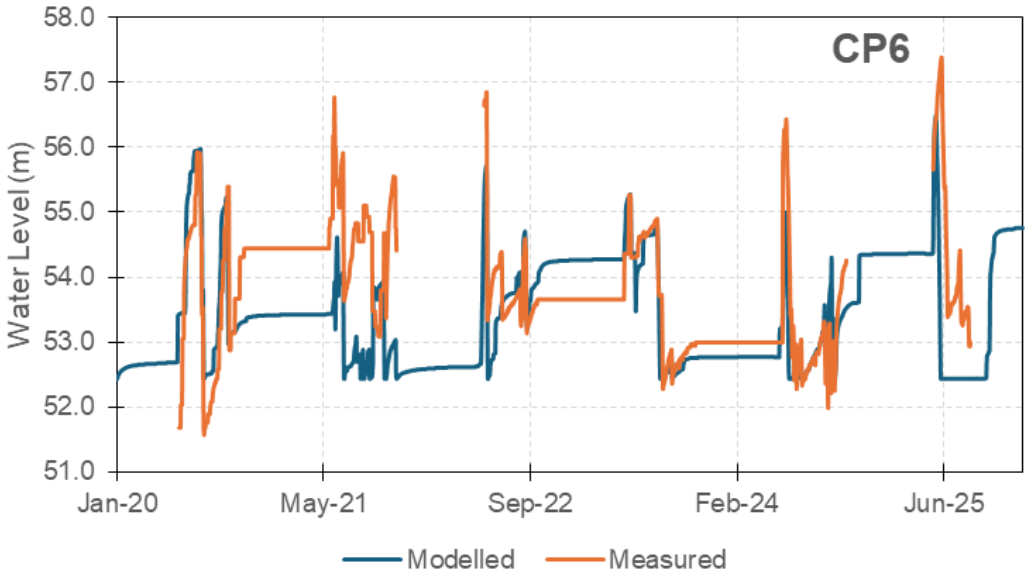

Figure 3-16: Modelled and Measured Water Levels for the CP6 Pond

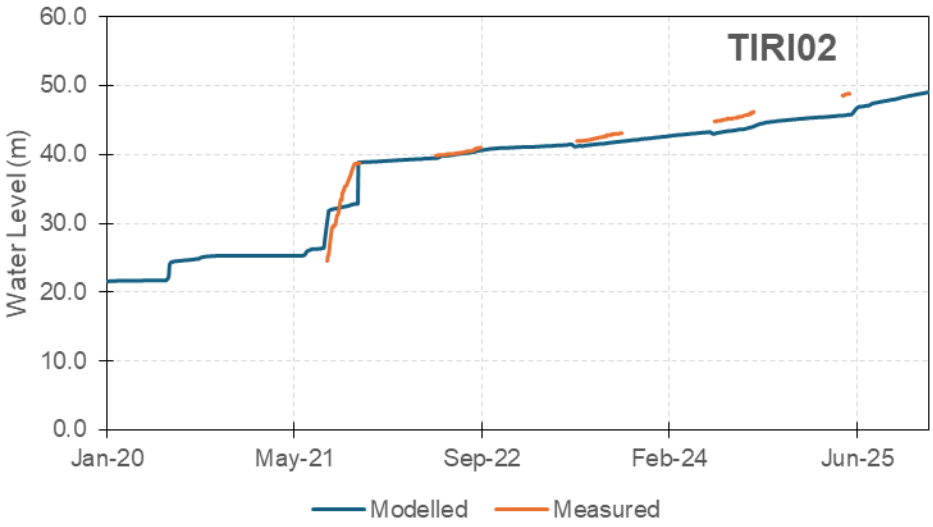

Figure 3-17: Modelled and Measured Water Levels for the TIRI02 Pit

3.3 Mine Site Water Balance Model

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

3.3.1 Lake Dewatering

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

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

Table 3-4:
Lake Dewatering Schedule

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

3.3.2 Groundwater Inflows to Pits

During mining of the WES03, WEN01 and PUMP04 pits, limited inflows of nearby shallow groundwater are predicted to occur. These inflows are expected to be limited in duration, as they result from draindown of remaining groundwater following dewatering of adjacent lakes. The inflows and associated TDS concentrations provided in Table 3-5 are also incorporated into the pit water and load balance model.

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

Year	Predicted Groundwater Inflow (m^3/day)			Predicted Inflow TDS (mg/L)		
	WES03 Pit	WEN01 Pit	PUMP04 Pit	WES03 Pit	WEN01 Pit	PUMP04 Pit
2025	-	-	-	-	-	-
2026	200	-	-	1,500	-	-
2027	200	-	-	500	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
2030	-	<25	-	-	5,000	-
2031	-	<25	-	-	5,500	-
2032	-	<25	75	-	5,500	100
2033	-	<25	75	-	5,000	500
2034	-	-	75	-	-	500
2035	-	-	-	-	-	-
2036	-	-	-	-	-	-

Source: WSP 2026

3.3.3 Underground Inflows

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

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

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

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

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

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

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

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

4. Water Quality Model Updates

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4. Water Quality Model Updates

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

4.1 Approach and Assumptions

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

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

Table 4-1:
Water Quality Model Parameter List

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

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

4.2 Parameter List and Screening Criteria

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

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

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

- During Operations, model predictions at the end-of-pipe (EOP) to Meliadine Lake (EWTP) are screened against effluent discharge limits outlined in the Type A Water Licence (2AM-MEL1631) for the Meliadine Mine and MDMER, while discharges to Itivia harbour are screened against MDMER.
- During the Active Closure and post-Closure phases, model predictions at collection ponds, pit lakes, and natural waterbodies were screened as follows:
    - For waterbodies that are accessible to both aquatic and terrestrial life, generic water quality guidelines (CCME) and site-specific water quality objectives (SWQOs) adopted in the AEMP were used as the screening criteria.
    - For waterbodies listed under Schedule II as part of the Meliadine Mine Project (*e.g.,* B4, B7), model predictions were compared to both generic water quality guidelines for the protection of terrestrial life and aquatic life (CCME), although the listed waterbodies are not intended to support aquatic life given their Schedule II listing.

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

Parameter	Unit	Operations		Active Closure and post-Closure	
		NWB Water License	MDMER	[1]Water Quality Guidelines for the Protection of Aquatic Life	Water Quality Guidelines for the Protection of Terrestrial Life
		End-of-Pipe Discharge to Meliadine Lake	*End-of-Pipe Discharge to Itivia Harbour and Meliadine Lake*	*Collection Ponds, Flooded Pits, and Other Waterbodies (exclude those listed in the Schedule II application)*	*Collection Pond CP8 (Lake B4) and Collection Pond CP7 (Lake B7)*
Total Dissolved Solids	mg/L	*3,500*	-	*1,000*	*3,000*
[2]Total Ammonia	mg/L	*14*	*19*	*0.58*	-
Nitrate	mg/L	-	-	*2.93*	-
Nitrite	mg/L	-	-	*0.06*	*10*
Chloride	mg/L	-	-	*120*	-
Fluoride	mg/L	-	-	*2.8*	*2*
Sulphate	mg/L	-	-	*variable*	*1,000*
Total Cyanide	mg/L	*0.5*	*0.5*	-	-
Silver	mg/L	-	-	*0.00025*	-
Aluminum	mg/L	*2*	-	*0.1*	*5*
Arsenic	mg/L	*0.3*	*0.3*	*0.025*	*0.025*
Boron	mg/L	-	-	*1.5*	*5*
Barium	mg/L	-	-	*1*	-
Beryllium	mg/L	-	-	-	*0.1*
Calcium	mg/L	-	-	-	*1,000*
Cadmium	mg/L	-	-	*variable*	*0.08*
Cobalt	mg/L	-	-	-	*1*
Chromium	mg/L	-	-	*0.005*	*0.05*
Copper	mg/L	*0.2*	*0.3*	*variable*	*0.5*
Iron	mg/L	-	-	*1.06*	-
Mercury	mg/L	-	-	*0.000026*	*0.003*
Manganese	mg/L	-	-	*variable*	-
Molybdenum	mg/L	-	-	*0.073*	*0.5*
Nickel	mg/L	*0.5*	*0.5*	*variable*	*1*
Phosphorus	mg/L	*2*	-	*0.01*	-
Lead	mg/L	*0.2*	*0.1*	*0.001*	*0.1*
Antimony	mg/L	-	-	*0.009*	-
Selenium	mg/L	-	-	*0.001*	*0.05*
Strontium	mg/L	-	-	-	-
Thallium	mg/L	-	-	*0.0008*	-
Uranium	mg/L	-	-	*0.015*	*0.2*
Vanadium	mg/L	-	-	-	*0.1*
Zinc	mg/L	*0.4*	*0.5*	*variable*	*50*
Radium 226	Bq/L	-	*0.37*	-	-

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

4.3 Baseline (Non-contact) Water Quality Data

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

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

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

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

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

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

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

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

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

4.4 Source Terms

4.4.1 Source Term Updates

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

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

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

4.4.2 Dustfall Loading Rate

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

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

Different seasonal trends are observed for As and Na in Reference Lakes, with peak As concentrations typically observed during freshet while peak Na concentrations typically observed in the fall. This trend is most evident in smaller lakes (E3, G2 and H1) which are more sensitive to seasonal variations in runoff quality (Figure 4-1). The occurrence of peak As concentrations in the spring indicates that its release is associated with snowmelt. Snowcore monitoring data at station SNOCORE-Boundary near Lake G2 shows D-As concentrations ranging from 0.0036 to 0.047 mg/L, which is similar or greater than the range of peak As concentrations observed during freshet in Lake G2 (Figure 4-1). Conversely, snowcore data from this station shows Na concentrations ranging from 0.41 to 1.01 mg/L, which is below the range of concentrations observed in Lake G2 (Figure 4-1), indicating that snowmelt is not contributing to increasing Na concentrations.

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

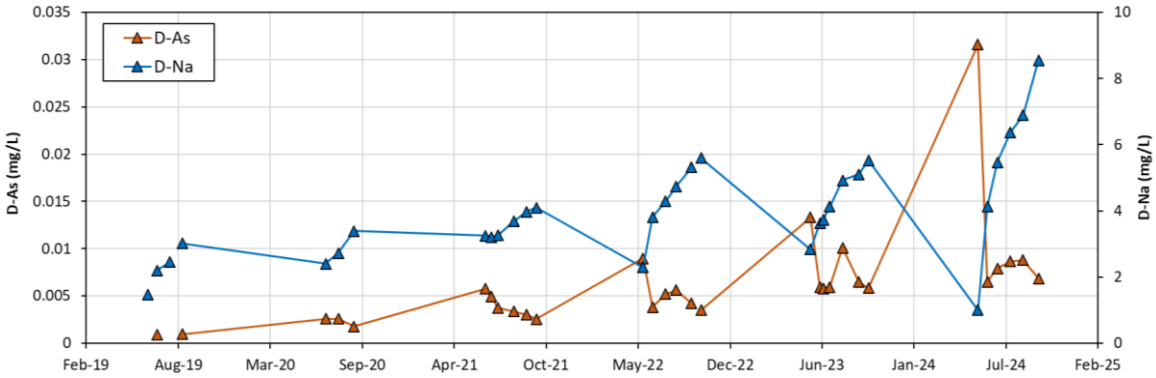

Figure 4-1: Time series for As and Na in Lake G2 for the period of February 2019 to December 2024.

In order to incorporate As loading associated with dust fall into the water quality model, a calibration exercise was completed using Reference Lake data. The calibration was designed to re-produce the water balance of each Reference Lake and calculate the As loading required to re-produce the 95th percentile As concentration observed in each Reference Lake between 2019 and 2024. The calibration results, along with water quality monitoring, estimated dust-impacted runoff concentrations, and Snowcore monitoring data adjacent to each Reference Lake are shown in Figure 4-2 and Figure 4-3. The calibrated As loading rates used to generate the concentrations shown in these figures are shown in Table 4-7.

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

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

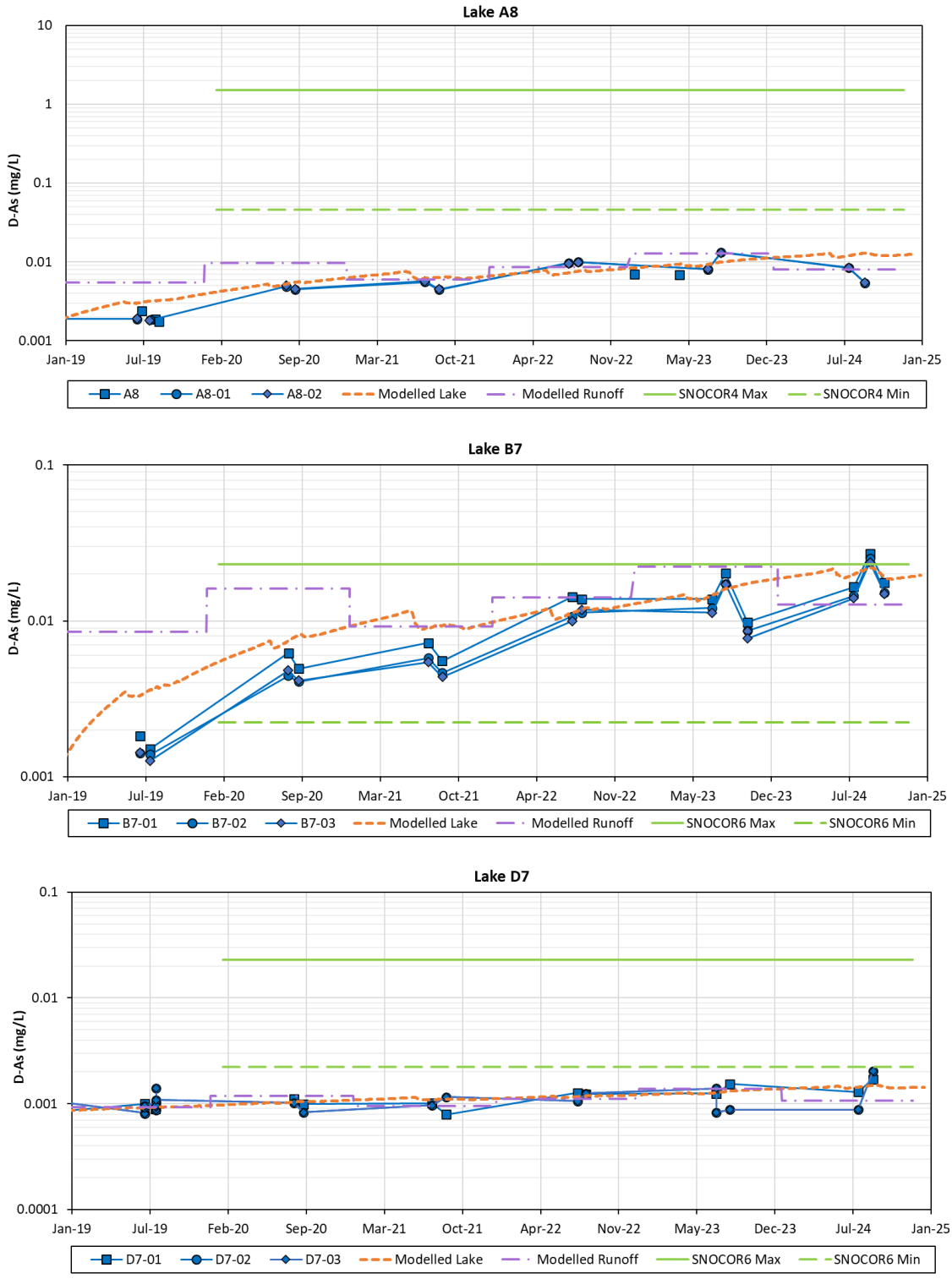

Figure 4-2: Arsenic monitoring and modelling results for Lakes A8, B7, and D7 and As snow core concentrations for the period of January 2019 to December 2024. Note that the y-axis is plotted on a logarithmic scale.

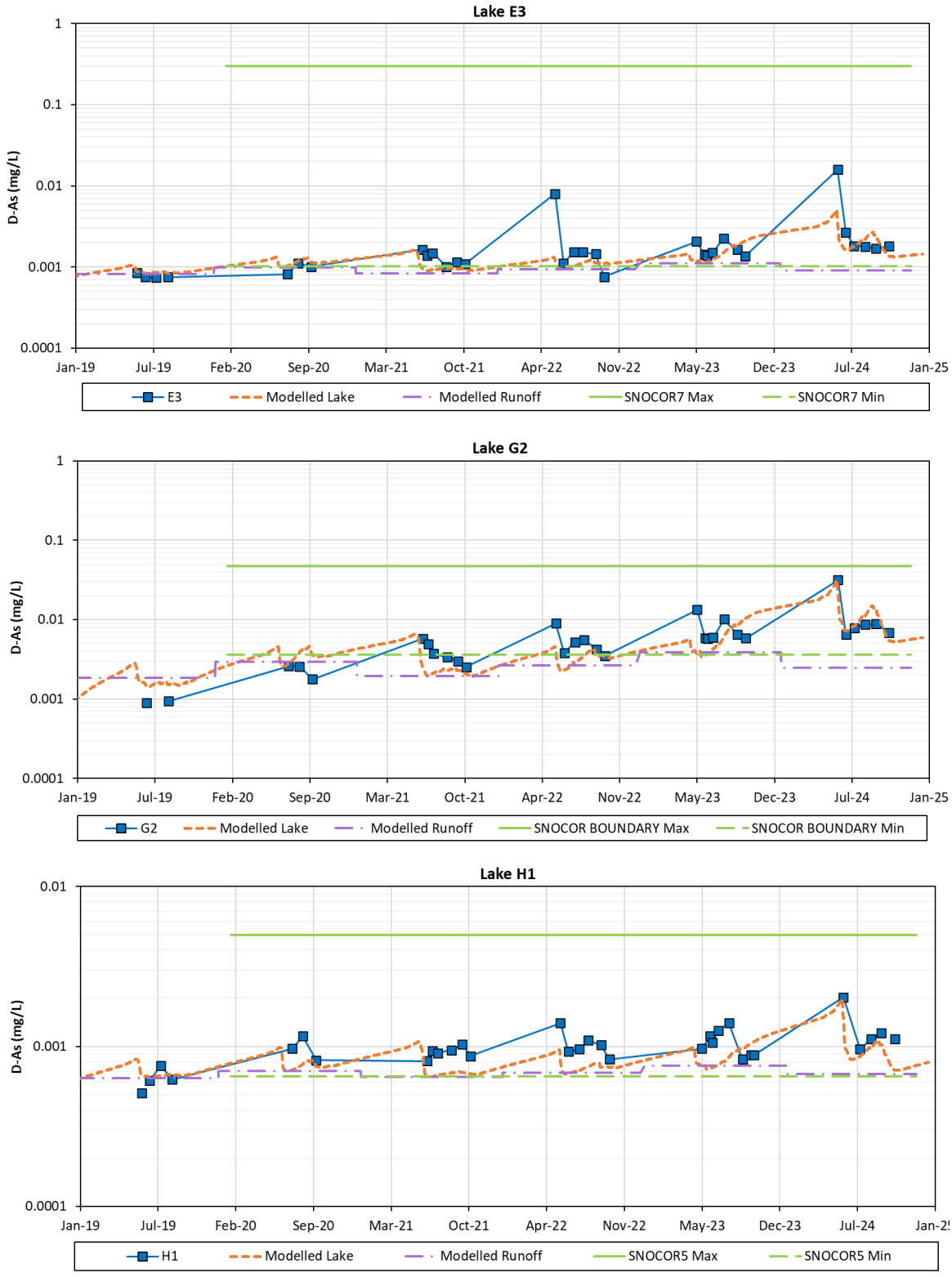

Figure 4-3: Arsenic monitoring and modelling results for Lakes E3, G2, and H1 and As snow core concentrations for the period of January 2019 to December 2024.

Table 4-7:
Dustfall Loading Rates

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

4.4.3 Validation of Predicted Water Quality

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

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

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

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

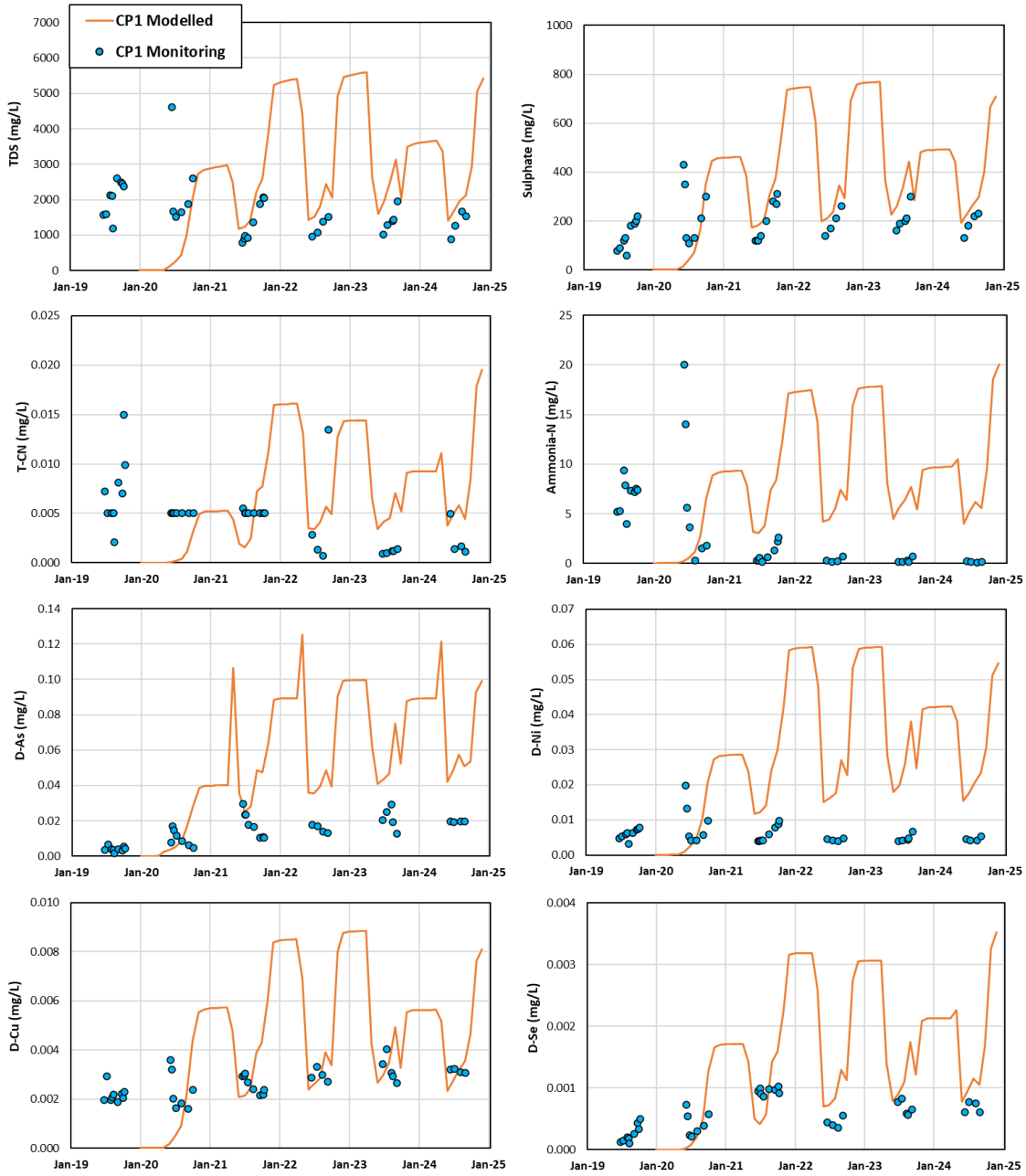

Figure 4-4: Water Quality Model Validation Results for CP1

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

4.4.4 Source Term Results

The temporal trends for TDS and As are illustrated for WRSFs, the TSF, Open Pits, in Figure 4-5, Figure 4-6 and Figure 4-7, respectively. The complete set of source terms applied to the current WBWQM are provided in Appendix C.2.

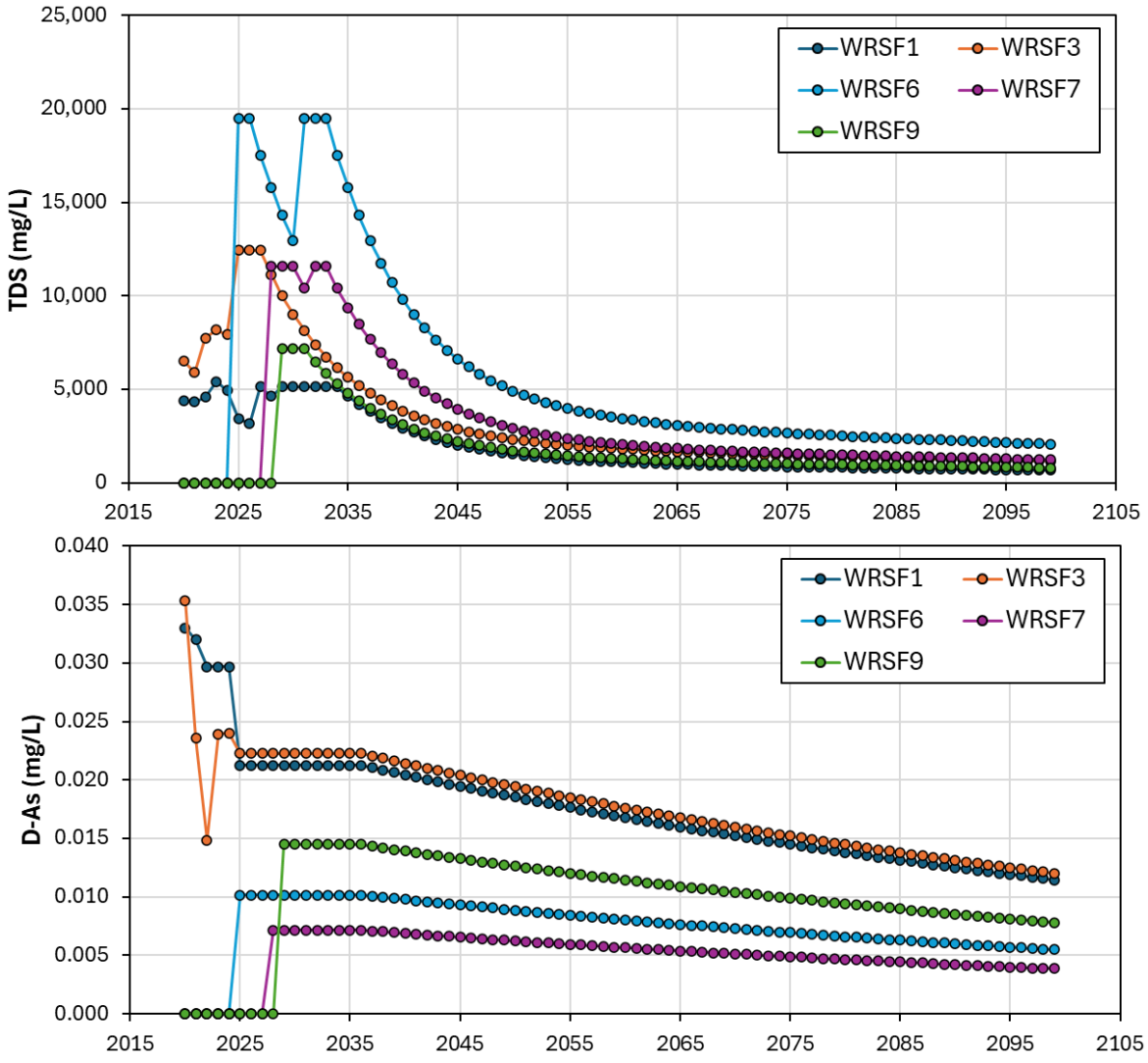

Figure 4-5: Waste Rock Storage Facility Annual Source Term for TDS (top) and As (bottom).

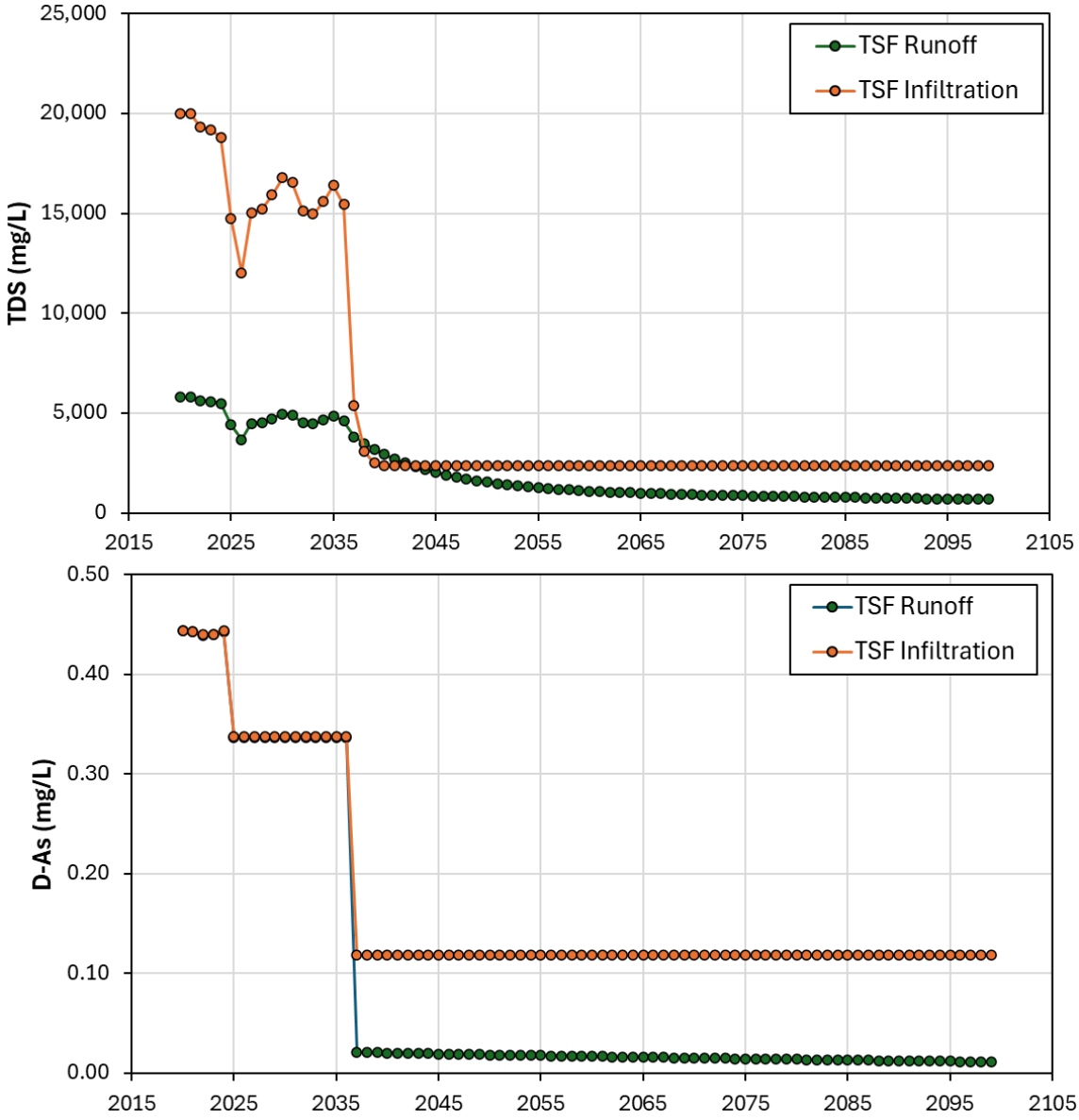

Figure 4-6: Tailings Storage Facility Annual Source Terms for TDS (top) and As (bottom).

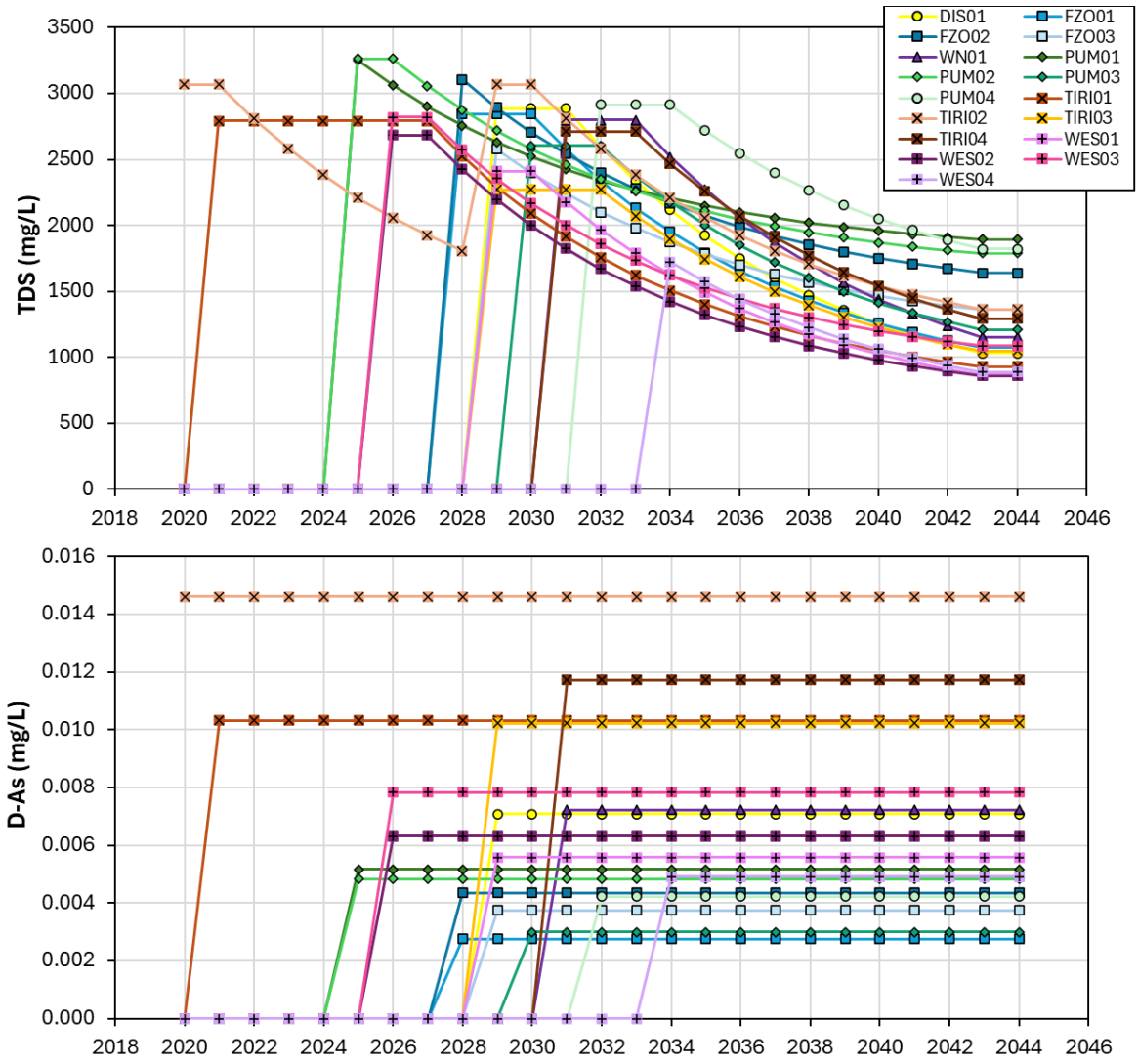

Figure 4-7: Pit Wall Annual Results for TDS (top) and As (bottom).

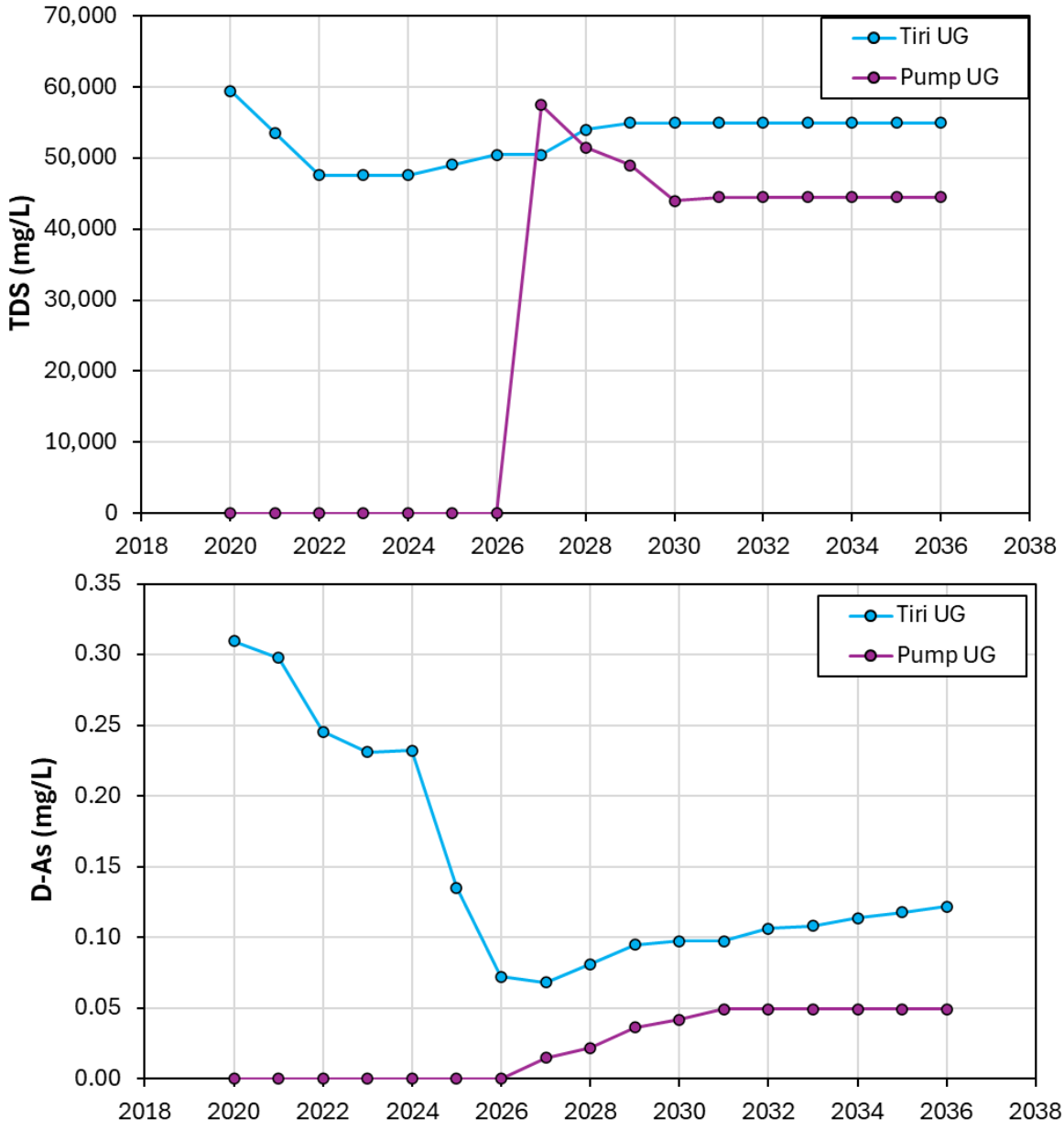

Figure 4-8: Underground Mine Annual Results for TDS (top) and As (bottom).

5. Water Balance Results

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5. Water Balance Results

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

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

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

5.1 Operational Mine Water Discharge to Itivia Harbour and Meliadine Lake

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

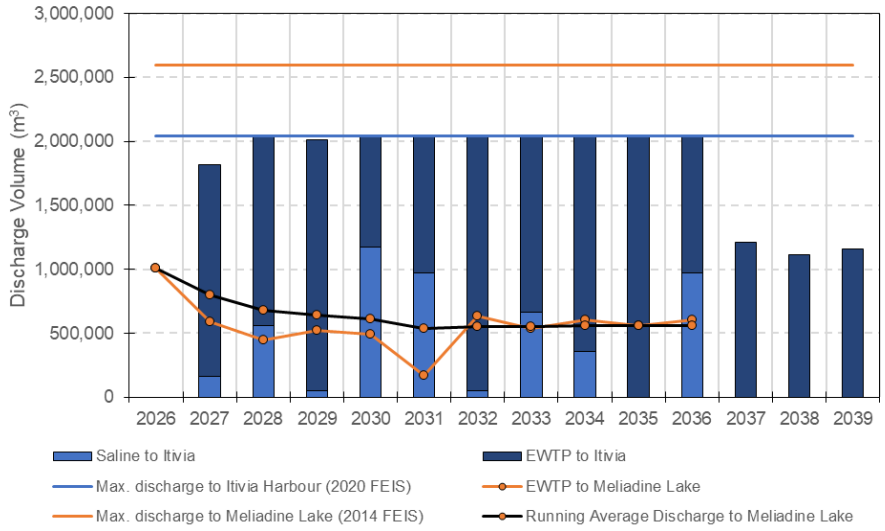

Figure 5-1: Annual discharges to Itivia Harbour and Meliadine Lake for Operations (2026-2036) and the first three years of Active Closure (2037-2039). The maximum predicted discharges to each receiver from the 2014 FEIS are presented for reference.

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

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

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

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

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

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

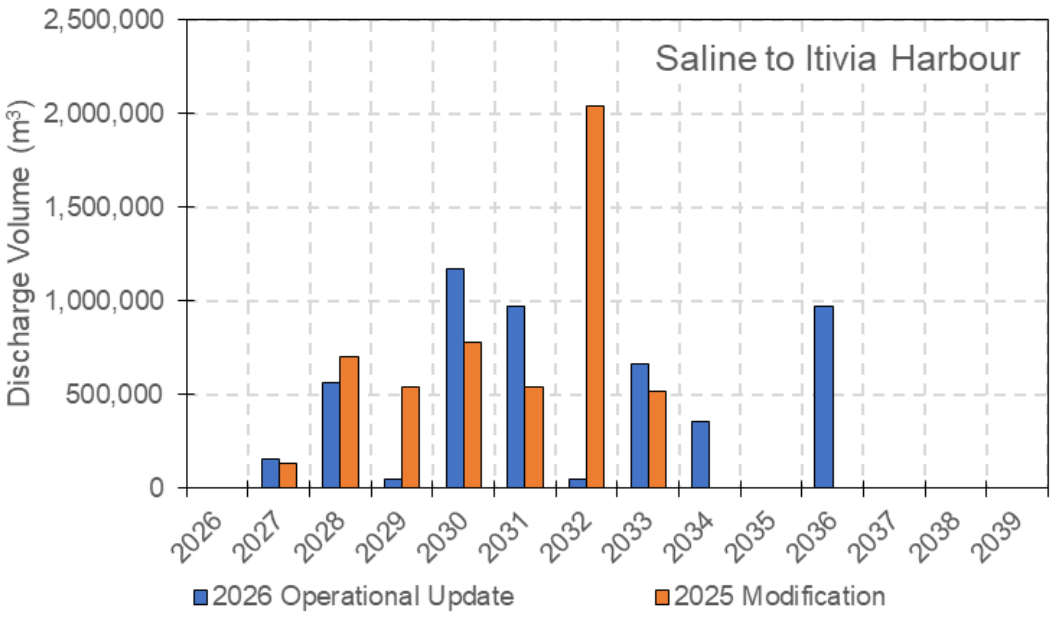

Figure 5-2: Annual Saline Water Discharges to Itivia Harbour

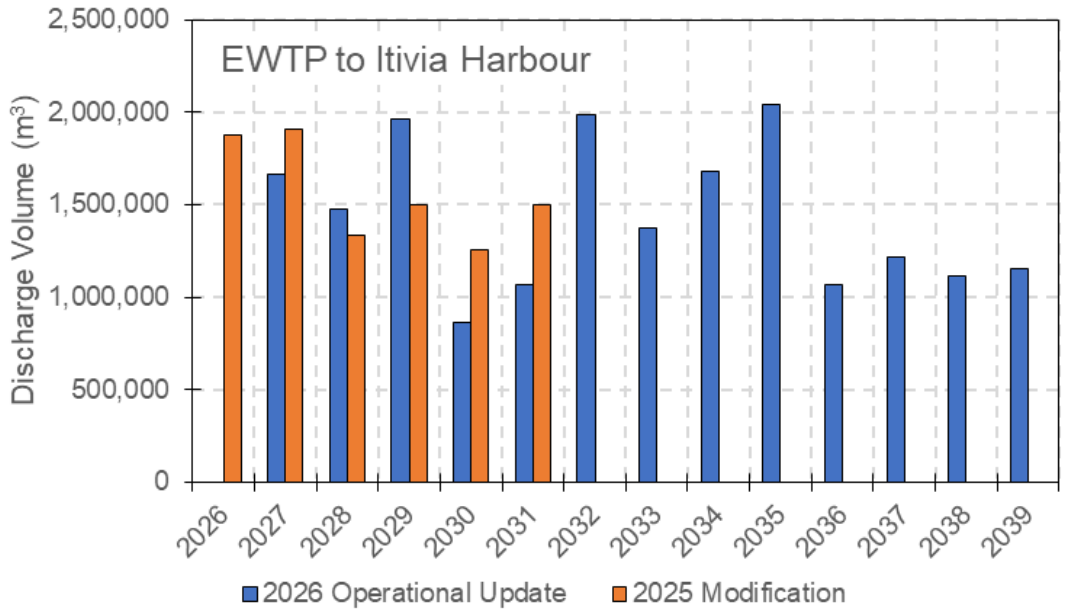

Figure 5-3: Annual Surface Contact Water (EWTP) Discharges to Itivia Harbour

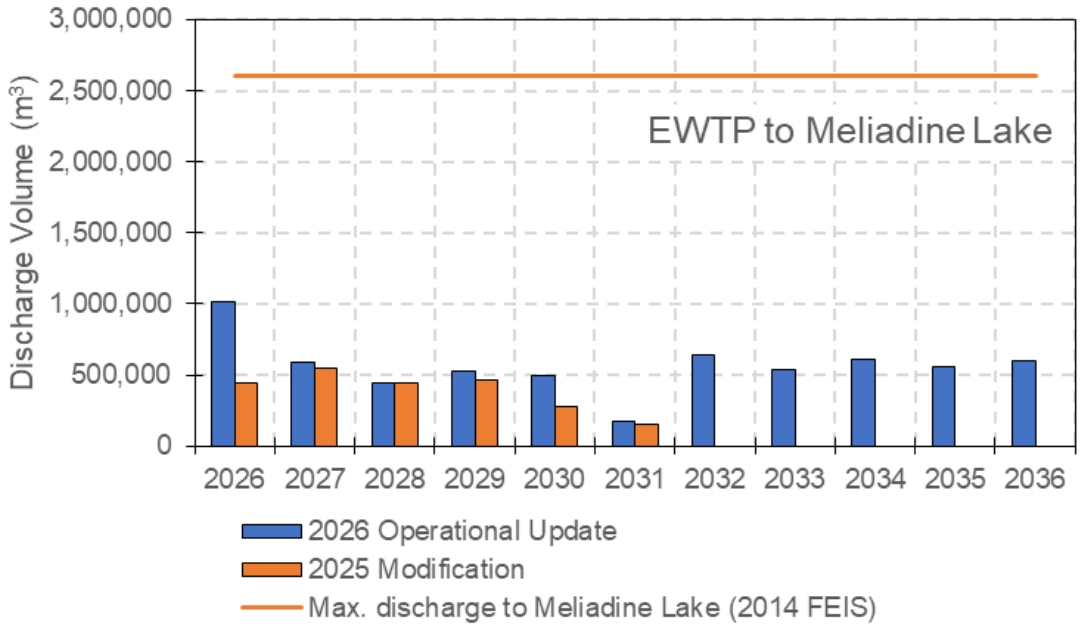

Figure 5-4: Annual EWTP discharges to Meliadine Lake. Maximum allowable annual discharge volume shown by orange line.

Table 5-2:
Annual Discharge Volumes and Sources

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

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

5.2 Surface Water Collection Ponds

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

5.2.1 WES03

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

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

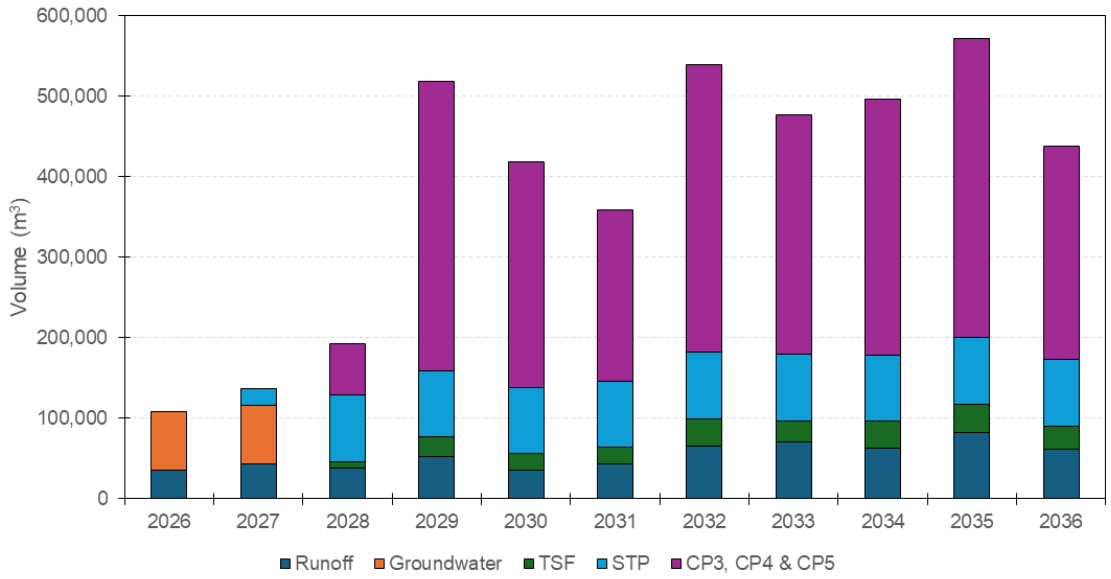

Figure 5-5: Annual Inflows to the WES03 Pit

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

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

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

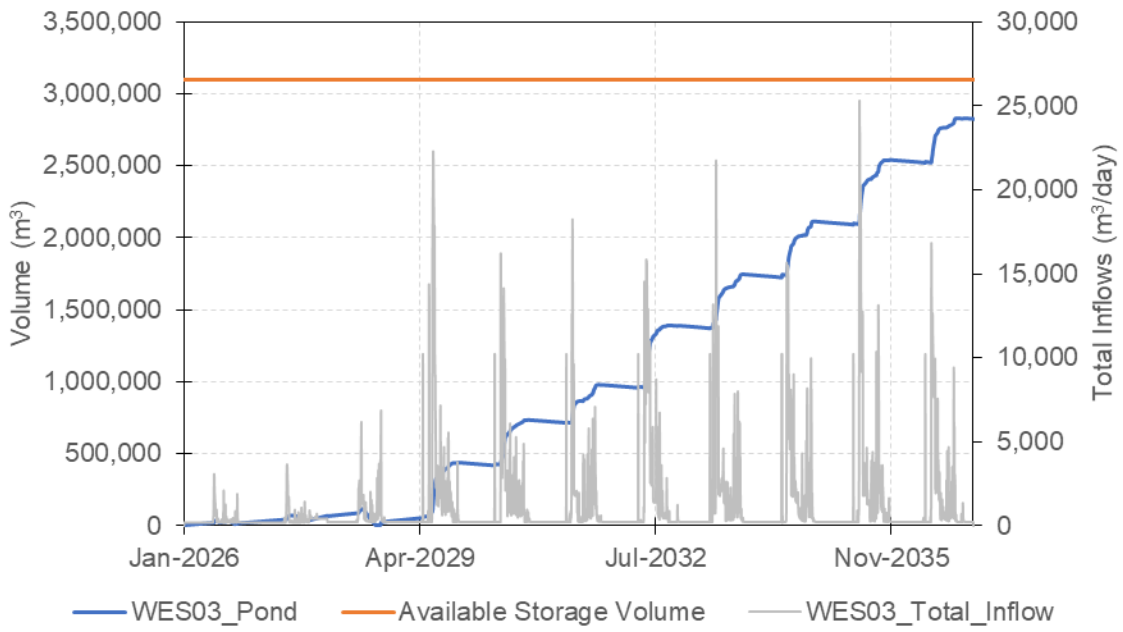

Figure 5-6: WES03 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.2 PUMP01/CP9

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

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

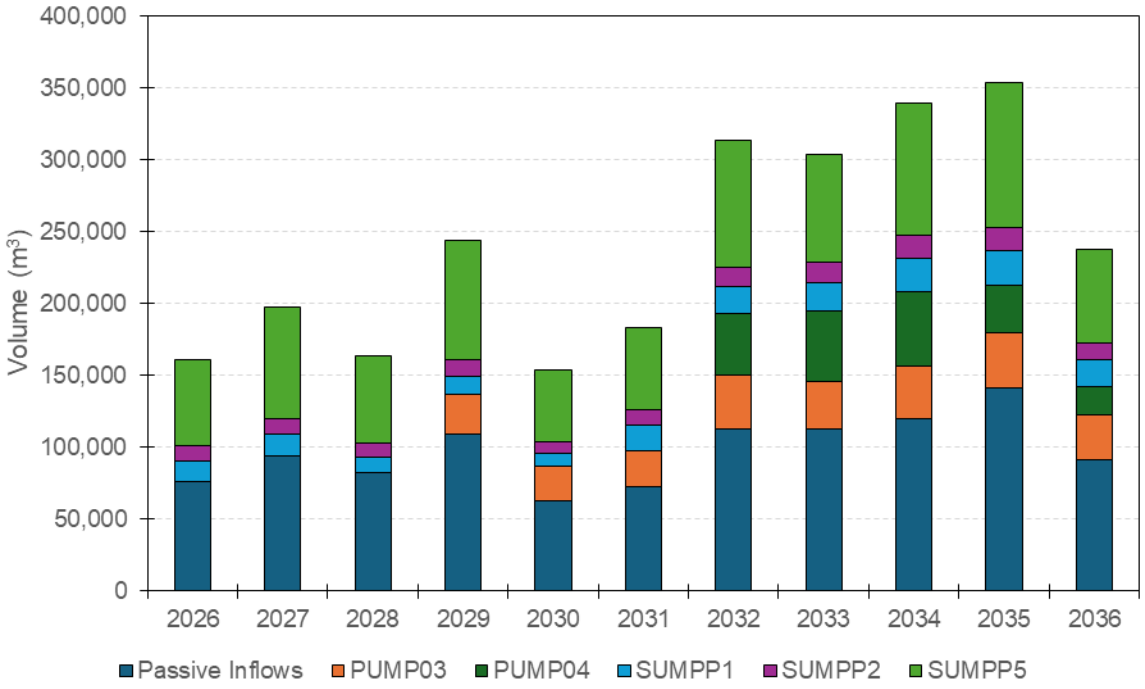

Figure 5-7: Annual Inflows to PUMP01/CP9

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

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

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

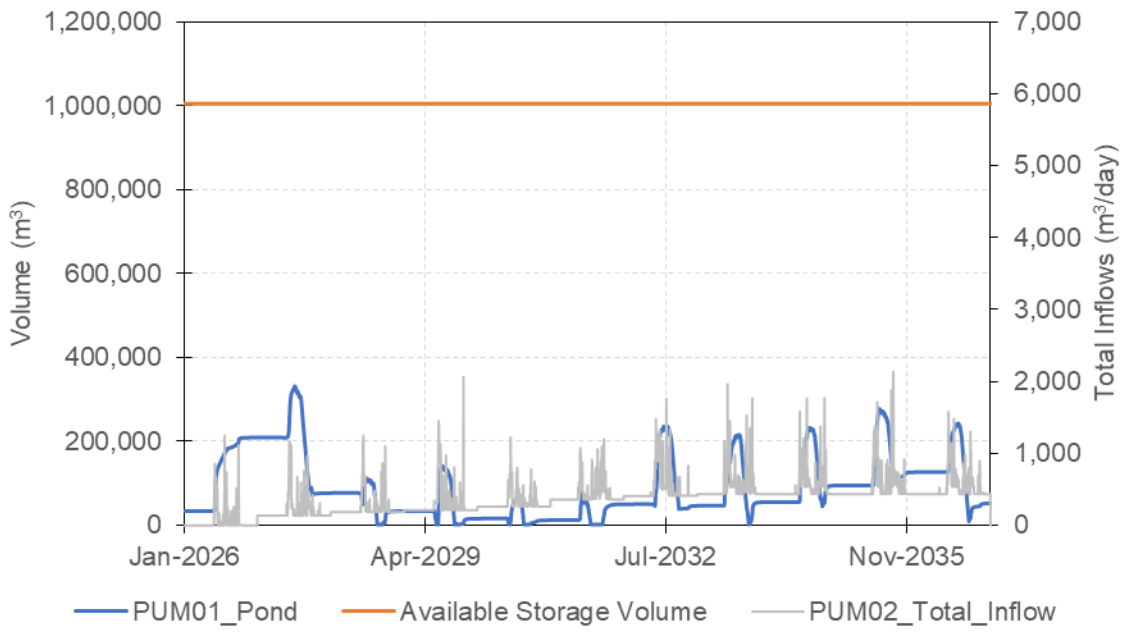

Figure 5-8: PUMP01/CP9 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.3 FZONE02

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

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

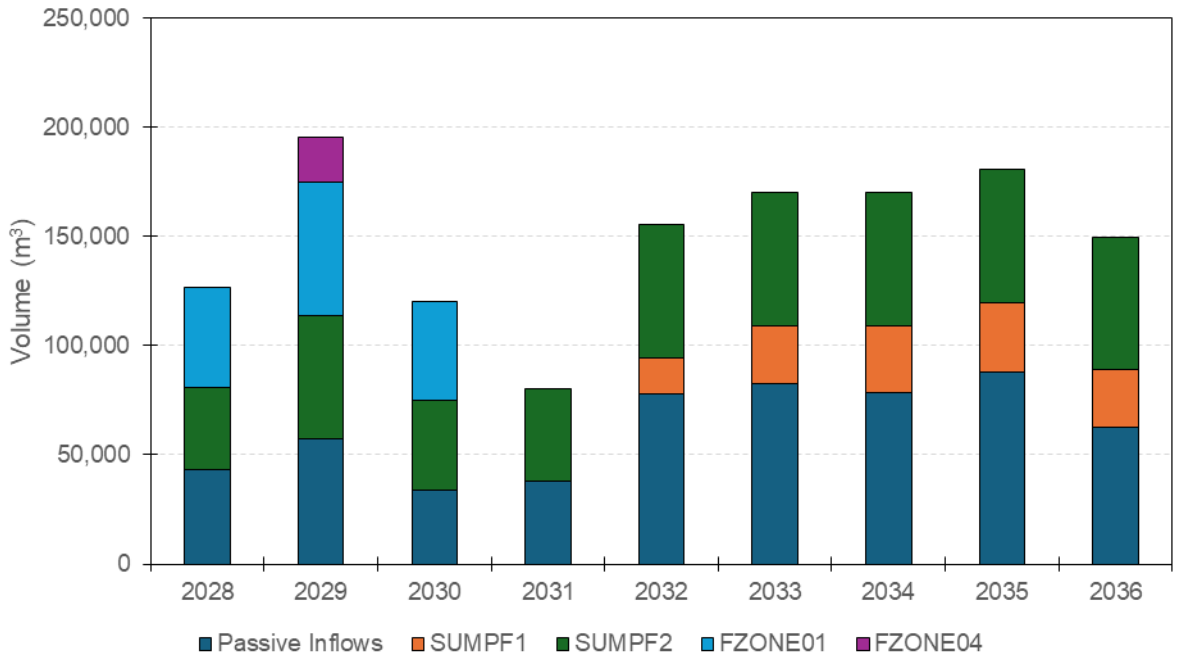

Figure 5-9: Annual Inflows to FZONE02 Pit

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

Year	Inflows (m³/year)					Outflows (m³/year)	
	Passive Inflows	SUMPF1	SUMPF2	FZONE01	FZONE04	Evaporation	To: CP1
2026	FZONE02 development begins in 2028						
2027							
2028	43,024	0	38,030	45,879	0	906	107,637
2029	57,450	0	56,113	61,582	20,226	1,855	206,088
2030	33,641	0	41,183	45,237	0	1,102	116,973
2031	38,038	0	42,466	0	0	756	70,869
2032	77,645	16,806	61,000	0	0	1,573	165,256
2033	82,703	26,321	61,000	0	0	1,440	138,982
2034	78,611	30,434	61,000	0	0	2,240	170,473
2035	88,119	31,509	61,000	0	0	2,008	188,755
2036	62,534	26,276	61,000	0	0	1,682	138,709
Average[1]	**62,418**	**14,594**	**53,644**	**16,967**	**2,247**	**1,507**	**144,860**
% Total Inflow[1]	**42%**	**10%**	**36%**	**11%**	**1%**		

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

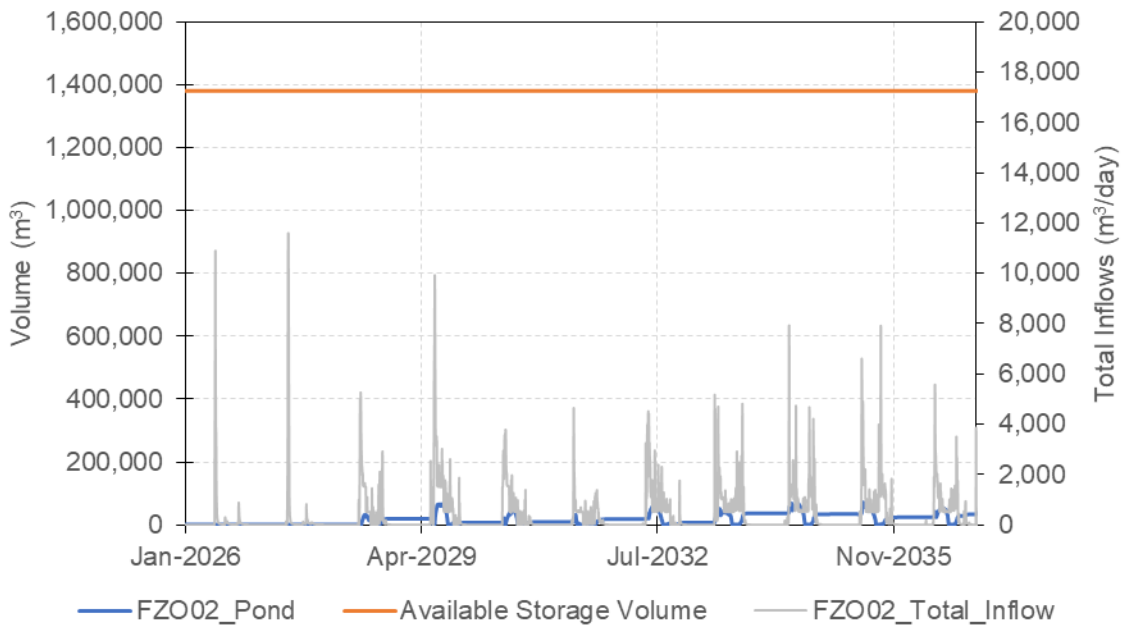

Figure 5-10: FZONE02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.4 Collection Pond CP1

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

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

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

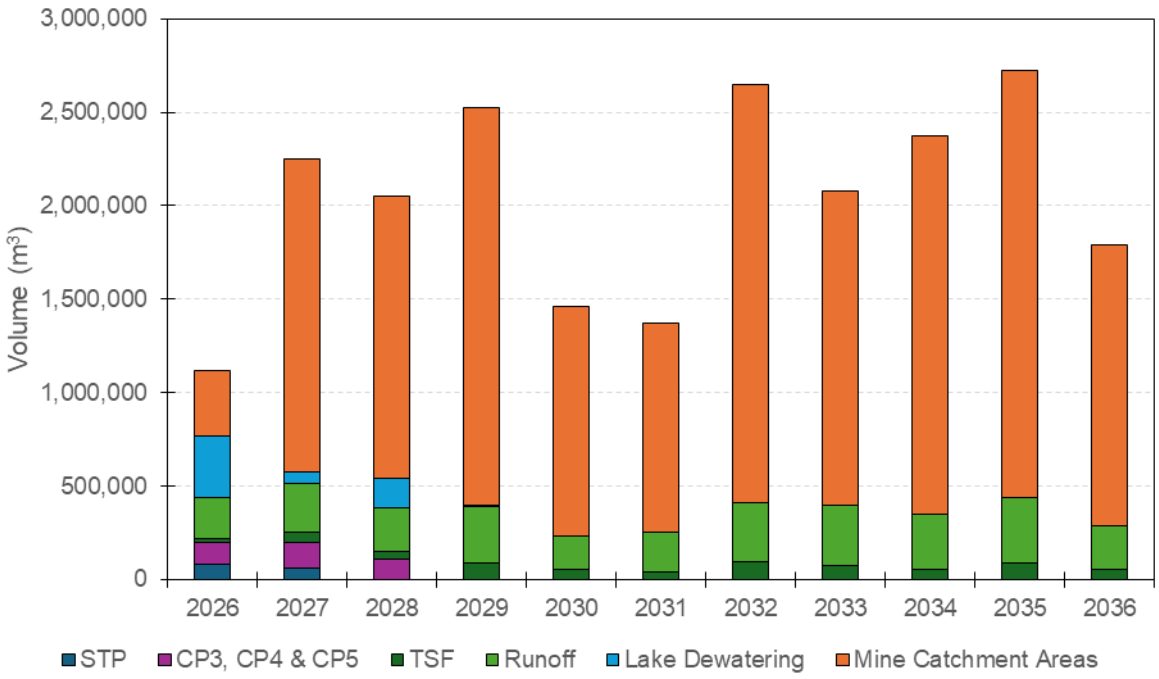

Figure 5-11: Annual Inflows to CP1

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

Year	Inflows (m³/year)						Outflows (m³/year)		
	STP	Mine Catchment Areas	TSF	Runoff	Lake Dewatering	CP3, CP4 & CP5	Evaporation	To: EWTP	To: SETP
2026	82,581	348,610	26,031	214,751	330,541	112,577	92,486	1,015,936	0
2027	61,766	1,675,071	51,678	262,740	59,903	136,425	96,757	592,484	1,660,765
2028	0	1,509,123	46,066	228,095	161,705	106,126	84,096	447,967	1,479,000
2029	0	2,132,040	88,104	302,375	4,590	0	84,848	526,273	1,961,689
2030	0	1,230,078	51,682	181,737	0	0	80,673	494,761	867,000
2031	0	1,119,991	41,183	211,051	0	0	87,294	172,299	1,071,000
2032	0	2,233,440	95,236	317,374	0	0	81,662	638,350	1,989,000
2033	0	1,684,986	74,678	319,665	0	0	92,189	542,875	1,377,000
2034	0	2,024,932	55,983	293,579	0	0	95,575	607,404	1,683,000
2035	0	2,285,100	88,536	349,400	0	0	93,751	558,453	2,091,000
2036	0	1,498,205	52,997	235,979	0	0	87,871	604,492	1,071,000
Average[1]	**13,123**	**1,612,870**	**61,107**	**265,159**	**50,613**	**32,284**	**88,837**	**563,754**	**1,386,405**
% Total Inflow[1]	**1%**	**79%**	**3%**	**13%**	**2%**	**2%**			

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

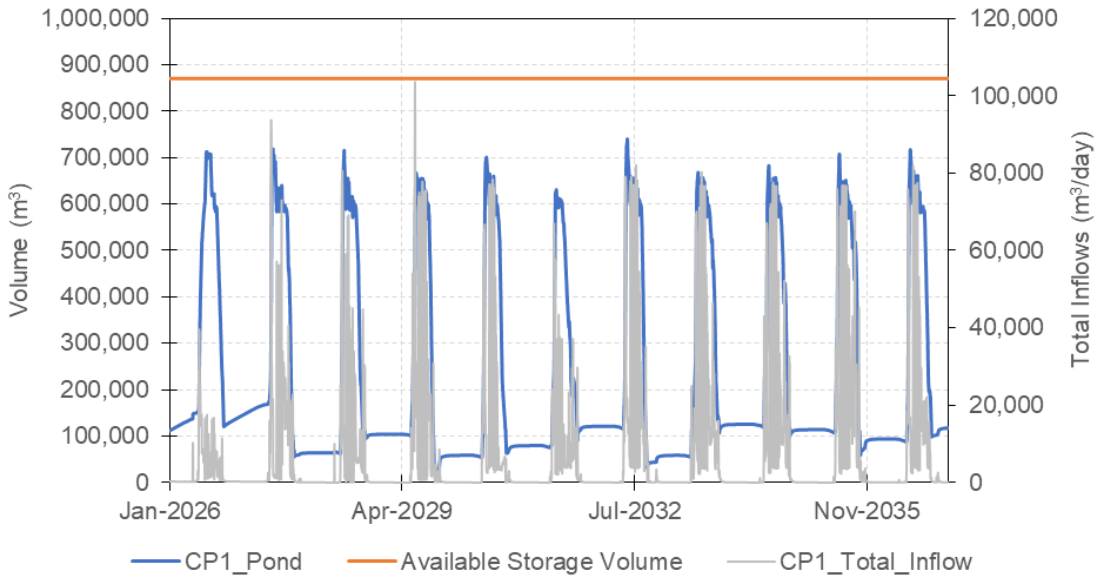

Figure 5-12: CP1 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.2.5 Collection Pond CP7

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

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

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

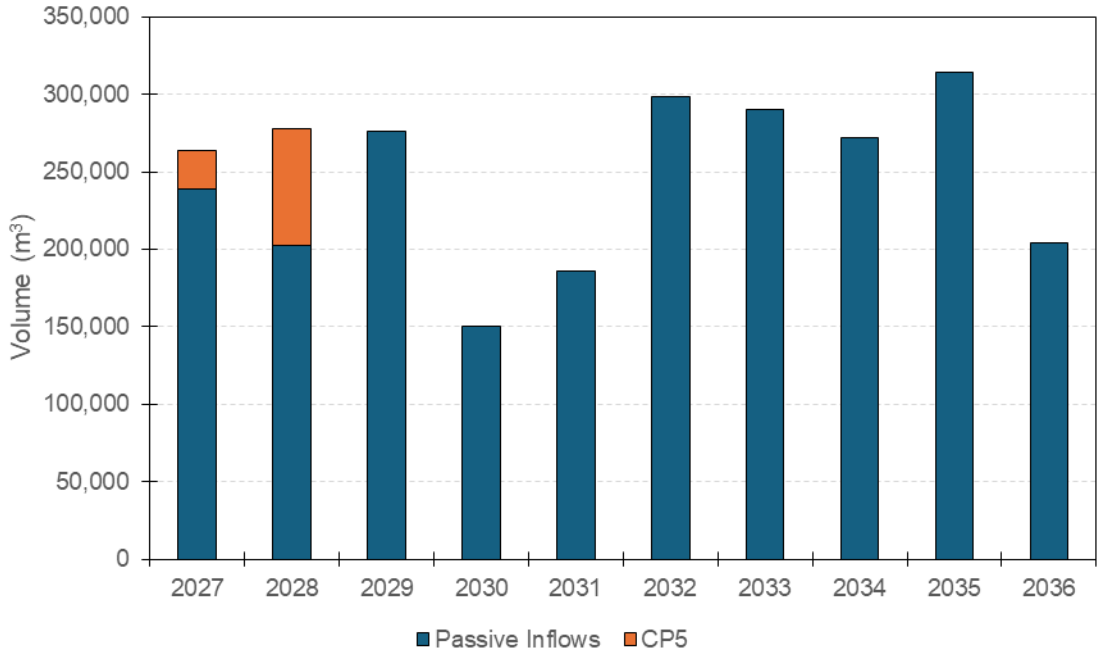

Figure 5-13: Annual Inflows to CP7

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

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

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

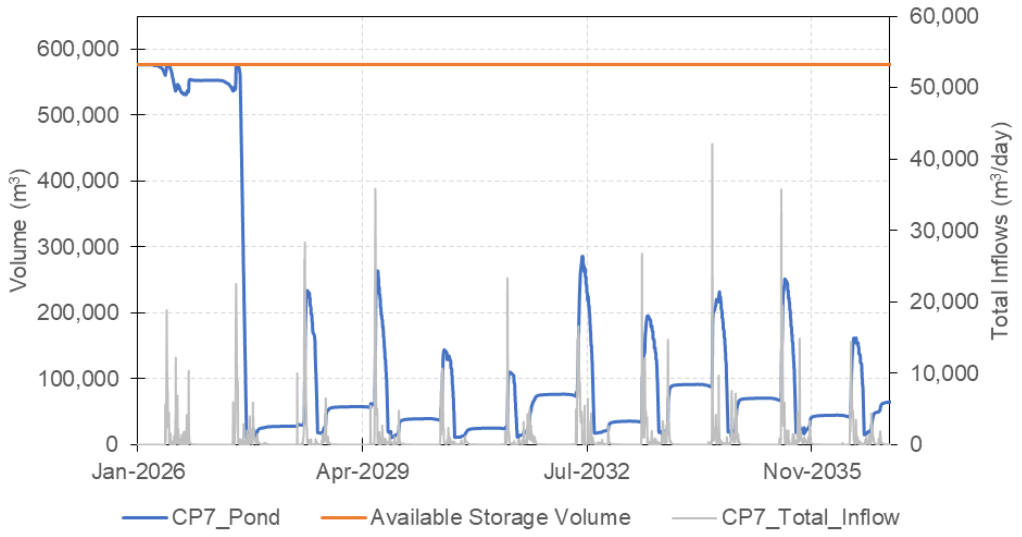

Figure 5-14: CP7 daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.3 Saline Water Collection Ponds

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

5.3.1 TIRI02

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

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

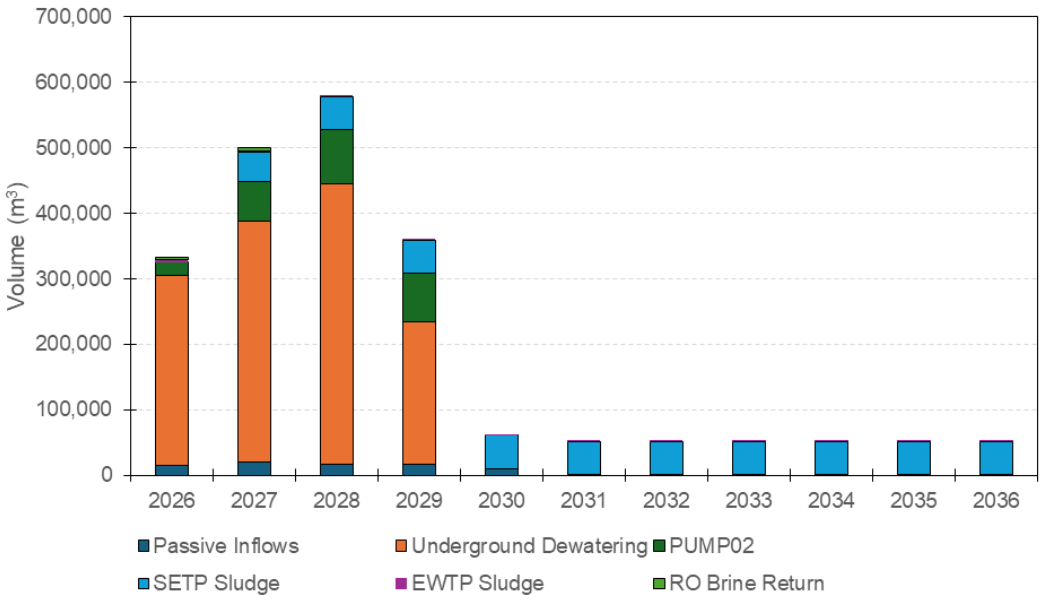

Figure 5-15: Annual Inflows to TIRI02 Pit

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

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

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

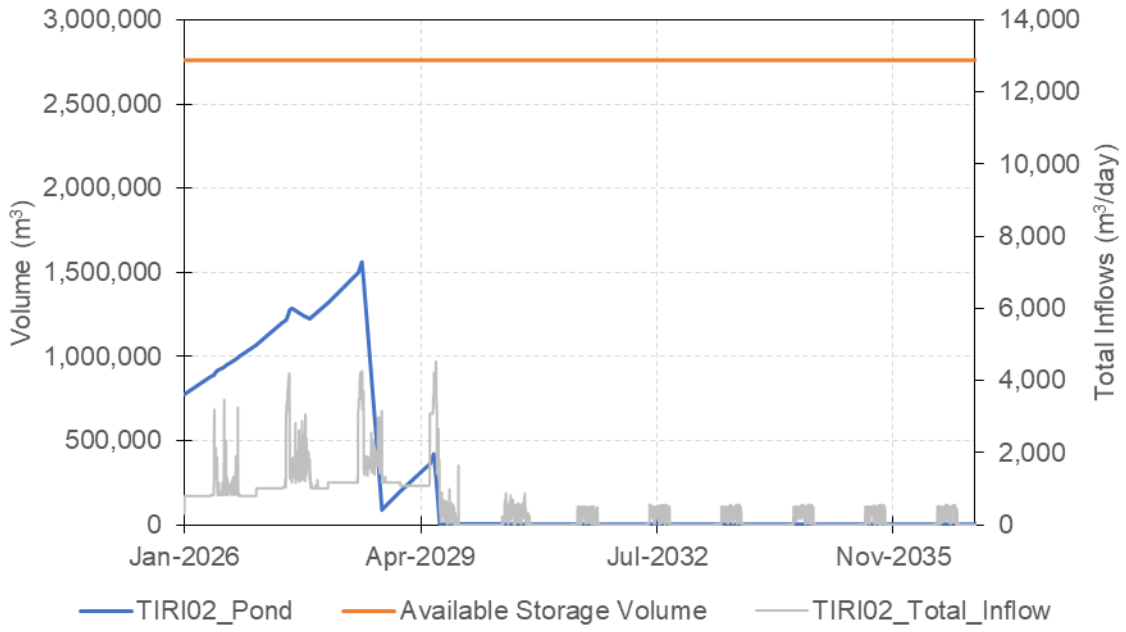

Figure 5-16: TIRI02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.3.2 PUMP02

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

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

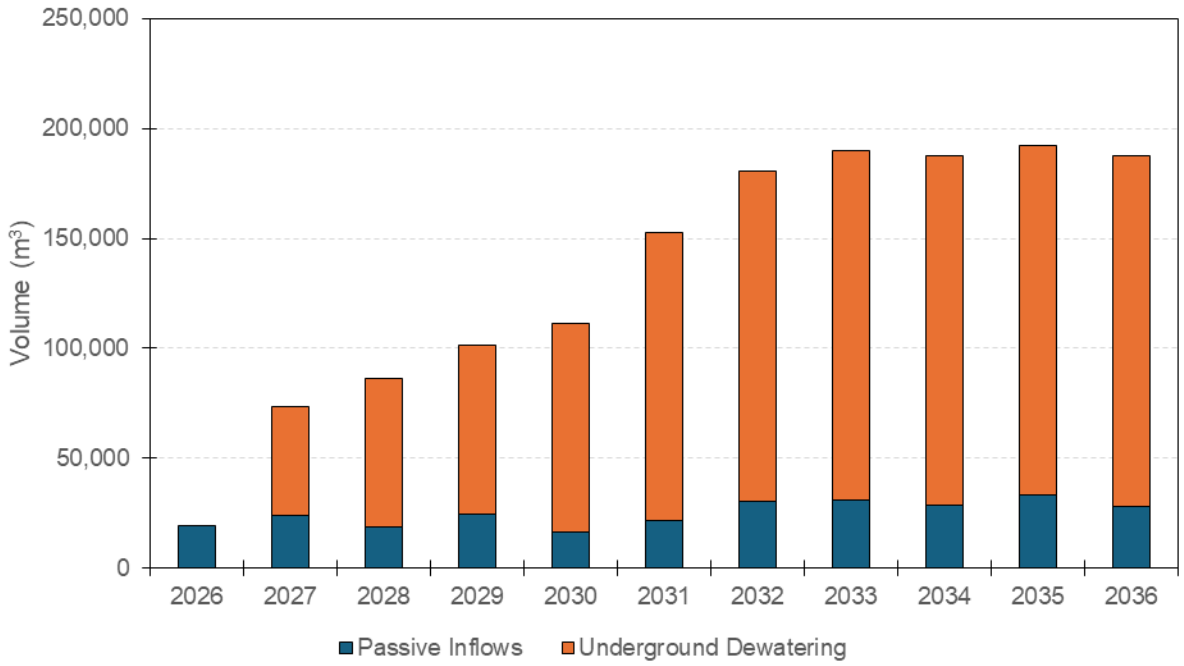

Figure 5-17: Annual Inflows to PUMP02 Pit

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

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

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

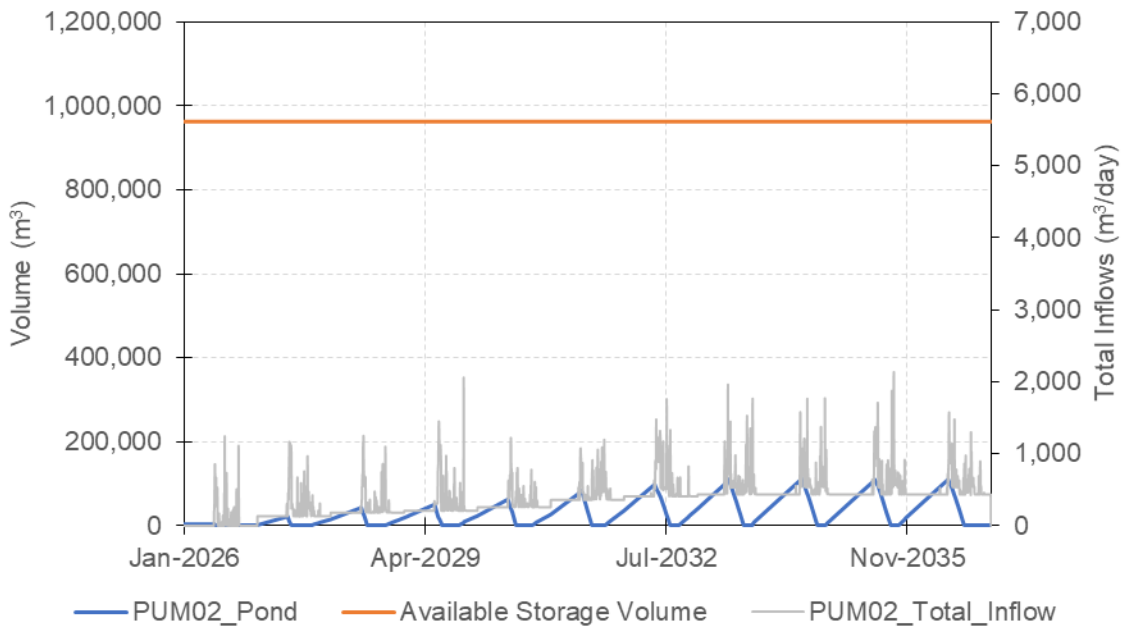

Figure 5-18: PUMP02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.3.3 WES02

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

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

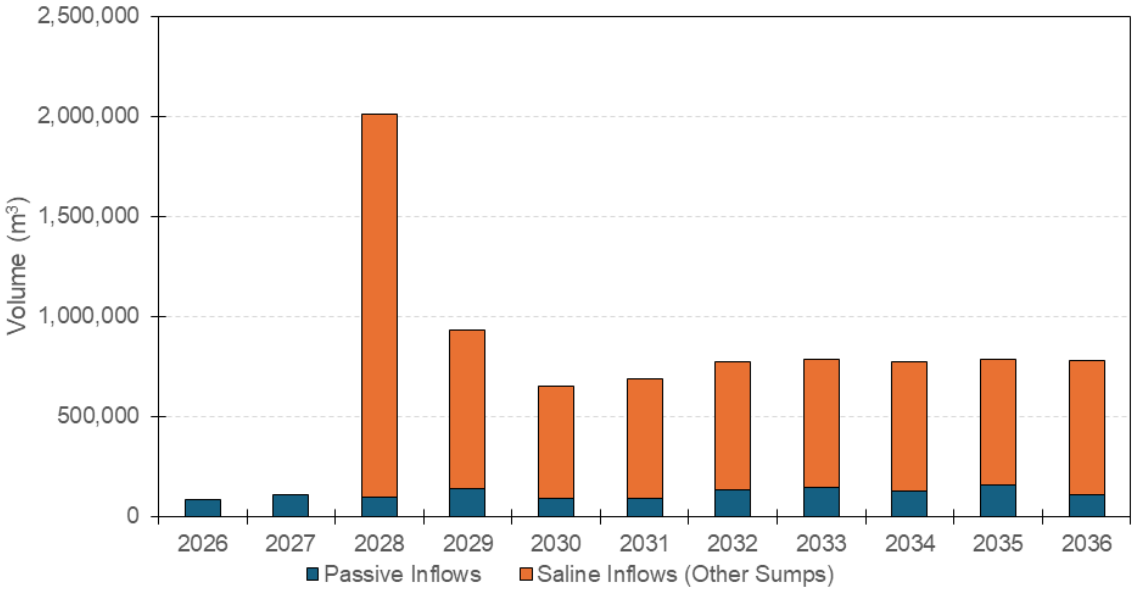

Figure 5-19: Annual Inflows to WES02 Pit

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

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

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

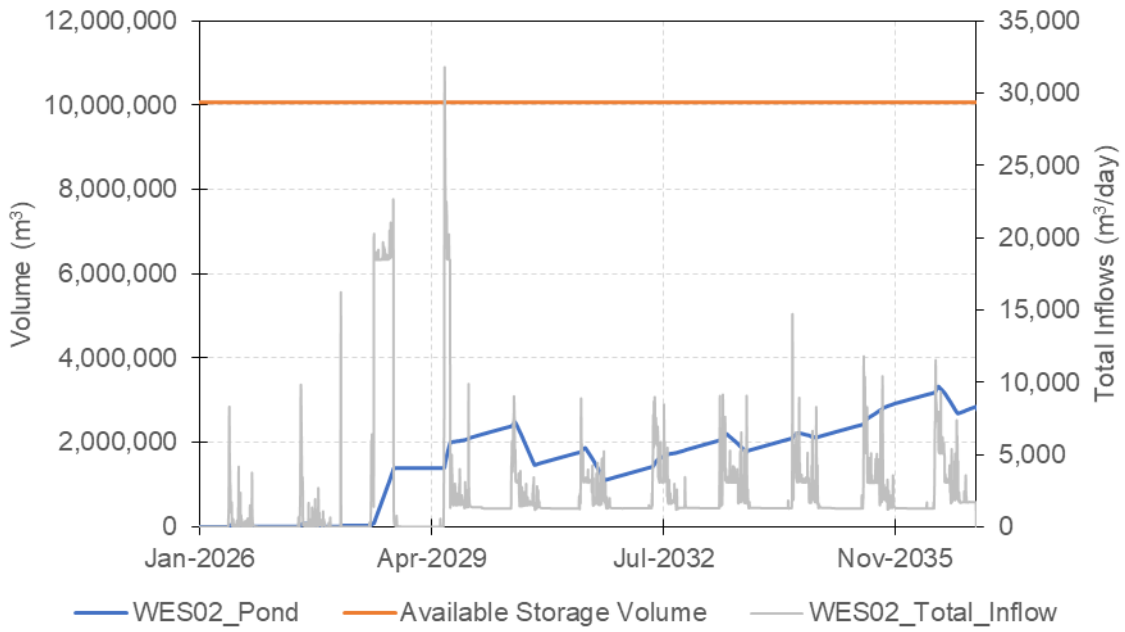

Figure 5-20: WES02 Pit daily predicted contact water storage volume in Operations phase (blue), with maximum available storage capacity shown in orange. Total daily inflows are shown in grey.

5.4 Open Pit Dewatering During Mining

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

Table 5-11:
Annual dewatering volumes for open pits

Year	Annual Operational Pit Dewatering Volumes (m^3)																
	TIRI01	**TIRI02[2]**	**TIRI03**	**TIRI04**	**WEN01**	**WES01**	**WES02[1]**	**WES03[1]**	**WES04**	**PUMP01[1]**	**PUMP02[1]**	**PUMP03**	**PUMP04**	**FZONE01**	**FZONE02[1]**	**FZONE03**	**Discovery**
2026	82,923	0	29,000	0	0	0	0	0	0	Mined out, used as collection pond CP9	22,501	0	0	1,277	0	0	0
2027	61,475	0	24,000	0	0	0	80,000	51,000	0		0	0	0	336	0	0	0
2028	53,007	0	19,000	0	0	0	110,000	57,000	0		0	0	0	48,402	113,655	0	0
2029	64,027	51,248	27,000	31,000	0	27,846	0	0	0		0	31,000	0	62,724	0	22,218	100,118
2030	49,311	79,296	30,000	46,000	310,500	23,510	0	0	0		0	38,000	0	46,755	0	18,091	88,325
2031	57,479	0	30,000	53,000	310,500	26,400	0	0	0		0	35,000	0	0	0	19,781	82,320
2032	76,072	0	0	0	312,000	36,080	0	0	0		0	46,000	50,000	0	0	28,392	0
2033	72,206	0	0	0	310,500	35,119	0	0	8,205		0	49,000	56,000	0	0	25,967	0
2034	75,310	0	0	0	310,500	35,075	0	0	8,382		0	42,000	57,000	0	0	27,243	0
2035	85,518	0	0	0	310,500	36,527	0	0	9,331		0	44,000	50,000	0	0	44,548	0
2036	64,754	0	0	0	312,000	30,526	0	0	7,934		0	43,000	36,000	0	0	38,285	0
Total	**742,082**	**130,544**	**159,000**	**130,000**	**2,176,500**	**251,083**	**190,000**	**108,000**	**33,852**	**N/A**	**22,501**	**328,000**	**249,000**	**159,494**	**113,655**	**224,524**	**270,763**
Average[3]	**67,462**	**43,515**	**26,500**	**43,333**	**310,929**	**31,385**	**40,000**	**25,500**	**8,293**	**N/A**	**22,501**	**41,000**	**49,800**	**31,899**	**0**	**28,066**	**90,254**

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

5.5 Active Closure Water Management

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

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

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

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

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

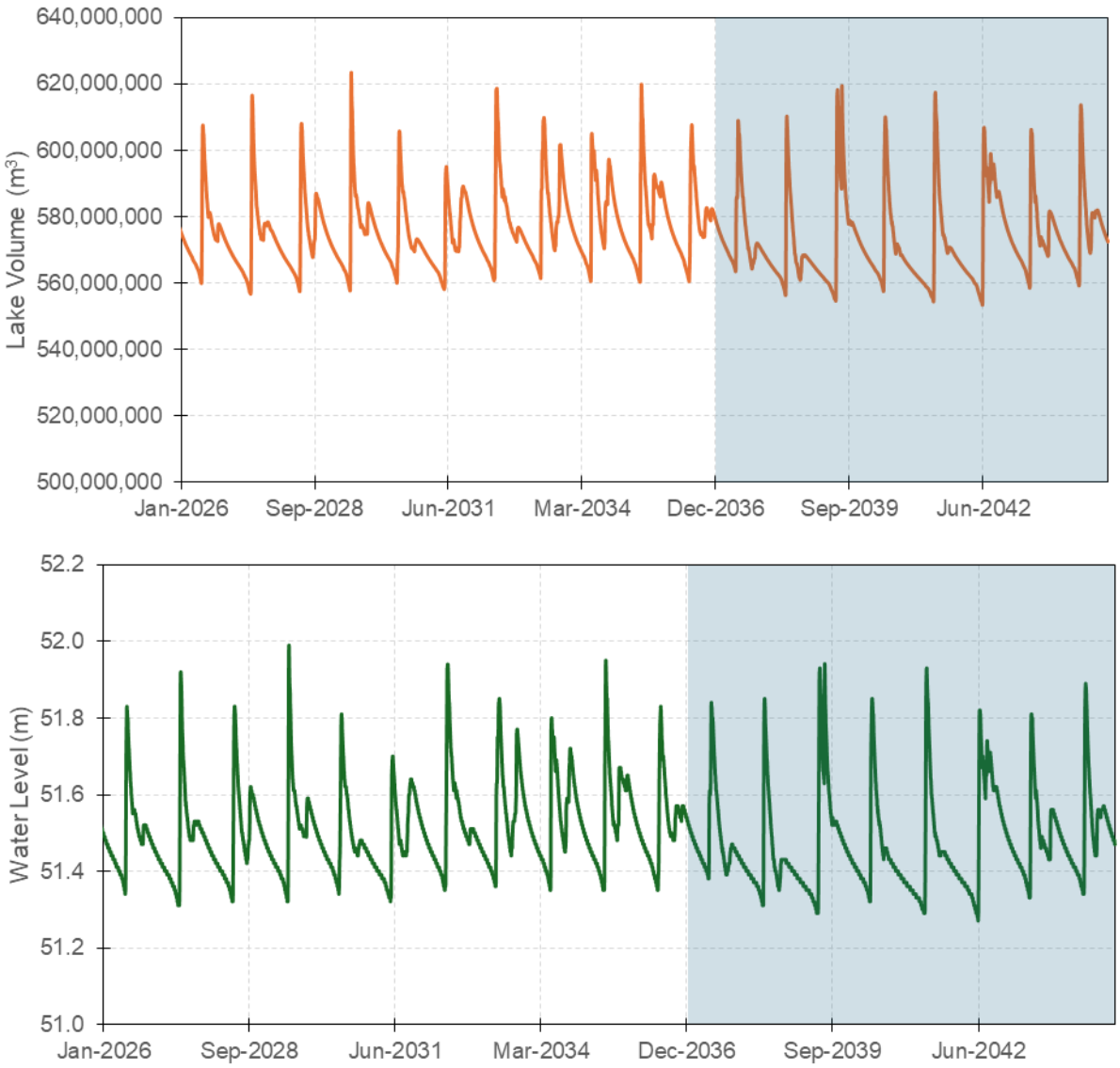

Figure 5-21: Modeled daily volume (top) and water level (bottom) of Meliadine Lake. The Active Closure phase is highlighted.

6. Water Quality Model Results

AGNICO EAGLE

6. Water Quality Model Results

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

6.1 Operations

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

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

6.2 Active Closure

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6.3 Post-Closure

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

Summary statistics are presented for key collection ponds and flooded pits during Post-Closure, with comparison to terrestrial (CP7 only) and aquatic guidelines (Table 6-5 through Table 6-15).

Water quality predictions are summarized starting in January 2039 and extends to December 2119. The model nodes presented herein show predicted concentrations below the applicable guidelines throughout Post-Closure with the exception of phosphorus. Chloride concentrations are elevated only in PUMP01 early in Post-Closure and decrease to below the guideline value by June 2046. Elevated concentrations of phosphorus are associated with natural runoff and thus phosphorus is not considered a mine related POPC.

Additional monitoring data collected through the life of mine will be used to update Post-Closure model predictions. Monthly water quality predictions for flooded pits and natural lakes during Post-Closure are provided in Appendix D.2, predictions for conjoined flooded pits which form during Post-Closure are provided in Appendix D.3.

Table 6-5:
CP7 Post Closure Predictions Compared to Terrestrial Guidelines (Aquatic Guidelines are presented for reference)

Parameter	Unit	Summary Statistics for CP7					*Terrestrial Guideline*	*Aquatic Guideline*
		Min	P10	Mean	P90	Max		
TDS	mg/L	494	559	645	774	853	*3,000*	*1,000*
NH_3-N**	mg/L	0.063	0.071	0.21	0.49	0.57	-	*0.58*
Cl	mg/L	10	11	56	143	164	-	*120*
SO_4*	mg/L	249	325	370	413	460	*1,000*	*429*
As	mg/L	0.013	0.015	0.016	0.018	0.019	*0.025*	*0.025*
Cd*	mg/L	0.000046	0.000064	0.000078	0.000088	0.00010	*0.08*	*0.00037*
Cu*	mg/L	0.0028	0.0041	0.0054	0.0062	0.0070	*0.5*	*0.004*
Hg	mg/L	0.000021	0.000029	0.000034	0.000039	0.000044	*0.003*	*0.000026*
Mn*	mg/L	0.16	0.19	0.23	0.25	0.28	-	*0.64 - 0.77*
Ni*	mg/L	0.014	0.023	0.032	0.037	0.041	*1*	*0.15*
P	mg/L	0.029	0.031	0.034	0.040	0.046	-	*0.01*
Pb*	mg/L	0.00022	0.00027	0.00032	0.00036	0.00041	*0.1*	*0.007*
Se	mg/L	0.0009	0.0011	0.0013	0.0014	0.0015	*0.05*	*0.001*
Sr	mg/L	0.51	0.73	0.93	1.0	1.2	-	*2.5*
U	mg/L	0.0015	0.0024	0.0032	0.0037	0.0042	*0.2*	*0.015*
V	mg/L	0.0011	0.0014	0.0016	0.0018	0.0021	-	*0.12*
Zn*	mg/L	0.0027	0.0030	0.0033	0.0036	0.0041	*0.1*	*0.079 - 0.11*

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

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

Parameter	Unit	Summary Statistics for CP1					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	116	128	143	163	203	*1000*
NH_3-N**	mg/L	0.051	0.064	0.076	0.092	0.14	*0.58*
Cl	mg/L	15	17	21	27	35	*120*
SO_4*	mg/L	32	39	46	52	72	*309*
As	mg/L	0.0025	0.0029	0.0032	0.0036	0.0056	*0.025*
Cd*	mg/L	0.000030	0.000033	0.000036	0.000039	0.000044	*0.00017 - 0.00022*
Cu*	mg/L	0.0015	0.0016	0.0019	0.0021	0.0023	*0.0020 - 0.0033*
Hg	mg/L	0.000016	0.000017	0.000018	0.000019	0.000021	*0.000026*
Mn*	mg/L	0.047	0.060	0.083	0.10	0.11	*0.49 - 0.57*
Ni*	mg/L	0.0035	0.0049	0.0056	0.0063	0.0072	*0.083 - 0.13*
P	mg/L	0.064	0.069	0.073	0.078	0.085	*0.01*
Pb*	mg/L	0.00023	0.00030	0.00050	0.00067	0.00076	*0.0025 - 0.0053*
Se	mg/L	0.00016	0.00020	0.00023	0.00025	0.00034	*0.001*
Sr	mg/L	0.16	0.20	0.24	0.27	0.30	*2.5*
U	mg/L	0.00030	0.00041	0.00048	0.00054	0.00060	*0.015*
V	mg/L	0.00082	0.0009	0.0011	0.0013	0.0014	*0.12*
Zn*	mg/L	0.0024	0.0026	0.0028	0.0031	0.0034	*0.025 - 0.042*

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

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

Parameter	Unit	Summary Statistics for PUMP01					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	197	208	250	311	416	*1000*
NH_3-N**	mg/L	0.048	0.053	0.065	0.085	0.13	*0.58*
Cl	mg/L	18	18	39	83	133	*120*
SO_4*	mg/L	81	85	93	104	108	*309*
As	mg/L	0.0011	0.0012	0.0014	0.0016	0.0016	*0.025*
Cd*	mg/L	0.000022	0.000024	0.000025	0.000027	0.000028	*0.00017 - 0.00023*
Cu*	mg/L	0.00120	0.00127	0.0014	0.0015	0.0016	*0.0025 - 0.0035*
Hg	mg/L	0.0000092	0.0000104	0.0000114	0.000012	0.000012	*0.000026*
Mn*	mg/L	0.035	0.038	0.058	0.069	0.073	*0.53 - 0.60*
Ni*	mg/L	0.0043	0.0045	0.0049	0.0054	0.0056	*0.10 - 0.14*
P	mg/L	0.031	0.036	0.043	0.047	0.048	*0.01*
Pb*	mg/L	0.00016	0.00019	0.00035	0.00044	0.00048	*0.0036 - 0.0058*
Se	mg/L	0.00013	0.00014	0.00016	0.00018	0.00018	*0.001*
Sr	mg/L	0.10	0.11	0.14	0.16	0.16	*2.5*
U	mg/L	0.00017	0.00018	0.00019	0.00021	0.00022	*0.015*
V	mg/L	0.00053	0.00058	0.00076	0.00086	0.00090	*0.12*
Zn*	mg/L	0.0017	0.0018	0.0019	0.0019	0.0020	*0.032 - 0.046*

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

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

Parameter	Unit	Summary Statistics for PUMP02					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	99	102	113	122	125	*1000*
NH_3-N**	mg/L	0.019	0.022	0.034	0.045	0.049	*0.58*
Cl	mg/L	16	17	17	18	18	*120*
SO_4*	mg/L	56	57	61	65	66	*218*
As	mg/L	0.00047	0.00053	0.0008	0.0010	0.0010	*0.025*
Cd*	mg/L	0.000011	0.000012	0.000014	0.000017	0.000017	*0.000086 - 0.00012*
Cu*	mg/L	0.0010	0.0010	0.0011	0.0012	0.0012	*0.002*
Hg	mg/L	0.0000031	0.0000037	0.0000058	0.000008	0.000008	*0.000026*
Mn*	mg/L	0.013	0.015	0.023	0.030	0.032	*0.35 - 0.43*
Ni*	mg/L	0.0026	0.0027	0.0030	0.0032	0.0033	*0.025 - 0.073*
P	mg/L	0.0079	0.011	0.021	0.030	0.032	*0.01*
Pb*	mg/L	0.000054	0.000061	0.00012	0.00017	0.00018	*0.0010 - 0.0020*
Se	mg/L	0.000090	0.000092	0.00010	0.00011	0.00011	*0.001*
Sr	mg/L	0.055	0.058	0.074	0.088	0.092	*2.5*
U	mg/L	0.000091	0.000096	0.00011	0.00013	0.00013	*0.015*
V	mg/L	0.00017	0.00020	0.00031	0.00040	0.00043	*0.12*
Zn*	mg/L	0.0010	0.0011	0.0013	0.0014	0.0015	*0.014 - 0.021*

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

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

Parameter	Unit	Summary Statistics for PUMP03					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	84	92	112	127	131	*1000*
NH_3-N**	mg/L	0.030	0.032	0.041	0.049	0.051	*0.58*
Cl	mg/L	26	26	29	30	31	*120*
SO_4*	mg/L	25	29	43	54	57	*218 - 309*
As	mg/L	0.00038	0.00044	0.00070	0.00092	0.0010	*0.025*
Cd*	mg/L	0.0000091	0.000010	0.000014	0.000017	0.000018	*0.000068 - 0.00013*
Cu*	mg/L	0.00096	0.00099	0.0011	0.0012	0.0012	*0.002*
Hg	mg/L	0.0000026	0.0000033	0.0000054	0.0000073	0.0000078	*0.000026*
Mn*	mg/L	0.012	0.014	0.025	0.034	0.037	*0.35 - 0.49*
Ni*	mg/L	0.0022	0.0024	0.0031	0.0036	0.0038	*0.025 - 0.081*
P	mg/L	0.0076	0.010	0.019	0.027	0.029	*0.01*
Pb*	mg/L	0.000058	0.000065	0.00014	0.00020	0.00022	*0.0010 - 0.0024*
Se	mg/L	0.000078	0.000082	0.00010	0.00012	0.00012	*0.001*
Sr	mg/L	0.055	0.059	0.079	0.10	0.10	*2.5*
U	mg/L	0.000074	0.000082	0.00011	0.00013	0.00014	*0.015*
V	mg/L	0.00017	0.00020	0.00034	0.00046	0.00049	*0.12*
Zn*	mg/L	0.0010	0.0010	0.0012	0.0014	0.0015	*0.011 - 0.024*

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

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

Parameter	Unit	Summary Statistics for PUMP04					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	145	153	166	174	356	*1000*
NH_3-N**	mg/L	0.046	0.050	0.067	0.077	0.084	*0.58*
Cl	mg/L	23	27	30	31	35	*120*
SO_4*	mg/L	12	13	23	36	49	*218 - 309*
As	mg/L	0.00088	0.0010	0.0014	0.0020	0.0023	*0.025*
Cd*	mg/L	0.000015	0.000015	0.000017	0.000019	0.000021	*0.000075 - 0.00014*
Cu*	mg/L	0.00084	0.00089	0.00108	0.0013	0.0014	*0.0020 - 0.0021*
Hg	mg/L	0.0000064	0.0000067	0.0000078	0.0000090	0.0000097	*0.000026*
Mn*	mg/L	0.022	0.027	0.041	0.055	0.062	*0.35 - 0.49*
Ni*	mg/L	0.0017	0.0018	0.0026	0.0037	0.0040	*0.025 - 0.086*
P	mg/L	0.025	0.031	0.034	0.038	0.040	*0.01*
Pb*	mg/L	0.00015	0.00020	0.00028	0.00036	0.00039	*0.0010 - 0.0027*
Se	mg/L	0.000068	0.000074	0.00011	0.00016	0.00017	*0.001*
Sr	mg/L	0.084	0.088	0.12	0.16	0.18	*2.5*
U	mg/L	0.000069	0.000075	0.00017	0.00030	0.00033	*0.015*
V	mg/L	0.00039	0.00044	0.00055	0.00064	0.00072	*0.12*
Zn*	mg/L	0.0014	0.0014	0.0015	0.0016	0.0017	*0.012 - 0.026*

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

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

Parameter	Unit	Summary Statistics for F Zone Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	186	192	245	352	488	*1000*
NH_3-N**	mg/L	0.062	0.063	0.086	0.14	0.21	*0.58*
Cl	mg/L	23	23	37	65	96	*120*
SO_4*	mg/L	44	46	52	58	64	*218 - 309*
As	mg/L	0.0012	0.0013	0.0014	0.0016	0.0018	*0.025*
Cd*	mg/L	0.000017	0.000020	0.000021	0.000023	0.000023	*0.00012 - 0.00017*
Cu*	mg/L	0.0012	0.0012	0.0013	0.0014	0.0014	*0.0020 - 0.0025*
Hg	mg/L	0.0000065	0.0000084	0.0000096	0.000010	0.000011	*0.000026*
Mn*	mg/L	0.036	0.037	0.051	0.060	0.065	*0.43 - 0.53*
Ni*	mg/L	0.0042	0.0044	0.0047	0.0052	0.0054	*0.075 - 0.10*
P	mg/L	0.018	0.029	0.036	0.040	0.041	*0.01*
Pb*	mg/L	0.00012	0.00017	0.00030	0.00037	0.00040	*0.0021 - 0.0034*
Se	mg/L	0.00013	0.00013	0.00015	0.00016	0.00017	*0.001*
Sr	mg/L	0.12	0.12	0.14	0.15	0.16	*2.5*
U	mg/L	0.00016	0.00017	0.00019	0.00024	0.00026	*0.015*
V	mg/L	0.00039	0.00050	0.00066	0.00075	0.00079	*0.12*
Zn*	mg/L	0.0013	0.0016	0.0017	0.0017	0.0018	*0.022 - 0.031*

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

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

Parameter	Unit	Summary Statistics for WES Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	225	226	236	248	265	*1000*
NH_3-N**	mg/L	0.074	0.075	0.081	0.088	0.090	*0.58*
Cl	mg/L	41	42	46	52	55	*120*
SO_4*	mg/L	19	20	41	69	77	*218 - 309*
As	mg/L	0.00051	0.00060	0.0016	0.0029	0.0033	*0.025*
Cd*	mg/L	0.0000077	0.0000083	0.000013	0.000020	0.000022	*0.000062 - 0.00016*
Cu*	mg/L	0.00087	0.00091	0.0012	0.0016	0.0017	*0.0020 - 0.0023*
Hg	mg/L	0.0000018	0.0000021	0.0000046	0.0000077	0.0000086	*0.000026*
Mn*	mg/L	0.0089	0.010	0.026	0.046	0.052	*0.35 - 0.49*
Ni*	mg/L	0.0021	0.0022	0.0039	0.0064	0.0071	*0.025 - 0.095*
P	mg/L	0.0058	0.0066	0.011	0.015	0.016	*0.01*
Pb*	mg/L	0.000046	0.000051	0.000085	0.00013	0.00014	*0.0010 - 0. 0031*
Se	mg/L	0.000071	0.000077	0.00015	0.00025	0.00027	*0.001*
Sr	mg/L	0.098	0.10	0.15	0.21	0.23	*2.5*
U	mg/L	0.000058	0.000082	0.00031	0.00060	0.00068	*0.015*
V	mg/L	0.00013	0.00015	0.00026	0.00042	0.00046	*0.12*
Zn*	mg/L	0.00090	0.00095	0.0011	0.0014	0.0014	*0.010 - 0.029*

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

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

Parameter	Unit	Summary Statistics for TIRI Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	105	142	253	342	359	*1000*
NH_3-N**	mg/L	0.020	0.051	0.088	0.10	0.10	*0.58*
Cl	mg/L	17	26	33	37	38	*120*
SO_4*	mg/L	16	34	108	176	190	*128 - 429*
As	mg/L	0.00044	0.00148	0.0047	0.0076	0.0082	*0.025*
Cd*	mg/L	0.0000072	0.000010	0.000026	0.000040	0.000043	*0.000051 - 0.00030*
Cu*	mg/L	0.00082	0.00099	0.0020	0.0030	0.0031	*0.002 - 0.004*
Hg	mg/L	0.0000018	0.0000034	0.000011	0.000017	0.000018	*0.000026*
Mn*	mg/L	0.0085	0.020	0.067	0.11	0.12	*0.35 - 0.64*
Ni*	mg/L	0.0019	0.0029	0.0096	0.016	0.017	*0.025 - 0.15*
P	mg/L	0.0043	0.0071	0.014	0.021	0.022	*0.01*
Pb*	mg/L	0.000039	0.000057	0.00013	0.00019	0.00021	*0.0010 - 0.0070*
Se	mg/L	0.000067	0.00013	0.00038	0.00060	0.00065	*0.001*
Sr	mg/L	0.059	0.096	0.29	0.46	0.49	*2.5*
U	mg/L	0.00017	0.00029	0.0010	0.0016	0.0017	*0.015*
V	mg/L	0.00010	0.00018	0.00053	0.00085	0.00091	*0.12*
Zn*	mg/L	0.00079	0.00094	0.0015	0.0020	0.0021	*0.0081 - 0.061*

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

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

Parameter	Unit	Summary Statistics for TIRI04 Pit Lake					*Aquatic Guideline*
		Min	P10	Mean	P90	Max	
TDS	mg/L	110	111	117	122	124	*1000*
NH_3-N**	mg/L	0.086	0.086	0.087	0.088	0.089	*0.58*
Cl	mg/L	35	35	36	37	38	*120*
SO_4*	mg/L	26	27	31	34	35	*218*
As	mg/L	0.0012	0.0013	0.0014	0.0016	0.0016	*0.025*
Cd*	mg/L	0.000014	0.000014	0.000017	0.000019	0.000020	*0.000085 - 0.00011*
Cu*	mg/L	0.0010	0.0010	0.0011	0.0012	0.0012	*0.002*
Hg	mg/L	0.0000049	0.0000053	0.0000067	0.0000081	0.0000084	*0.000026*
Mn*	mg/L	0.025	0.026	0.035	0.043	0.045	*0.35 - 0.43*
Ni*	mg/L	0.0023	0.0024	0.0030	0.0035	0.0036	*0.025 - 0.071*
P	mg/L	0.018	0.020	0.025	0.030	0.031	*0.01*
Pb*	mg/L	0.00013	0.00013	0.00019	0.00024	0.00026	*0.0010 - 0.0019*
Se	mg/L	0.00010	0.00010	0.00012	0.00013	0.00014	*0.001*
Sr	mg/L	0.12	0.12	0.14	0.16	0.16	*2.5*
U	mg/L	0.00031	0.00033	0.00039	0.00045	0.00047	*0.015*
V	mg/L	0.00029	0.00031	0.00041	0.00051	0.00053	*0.12*
Zn*	mg/L	0.0013	0.0013	0.0014	0.0015	0.0016	*0.014 - 0.020*

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

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

Parameter	Unit	Summary Statistics for Lake J1					*Aquatic Guideline*
		Min	**P10**	**Mean**	**P90**	**Max**	
TDS	mg/L	56	253	318	397	495	*1000*
NH_3-N**	mg/L	0.036	0.047	0.061	0.083	0.11	*0.58*
Cl	mg/L	10	12	24	51	73	*120*
SO_4*	mg/L	4.4	142	179	225	267	*218 - 429*
As	mg/L	0.0013	0.0030	0.0037	0.0044	0.0051	*0.025*
Cd*	mg/L	0.000019	0.000037	0.000043	0.000050	0.000058	*0.000097 - 0.00037*
Cu*	mg/L	0.00087	0.00130	0.0015	0.0017	0.0019	*0.00020 - 0.0040*
Hg	mg/L	0.000011	0.000018	0.000020	0.000023	0.000026	*0.000026*
Mn*	mg/L	0.037	0.075	0.099	0.12	0.14	*0.43 - 0.71*
Ni*	mg/L	0.0013	0.011	0.014	0.017	0.020	*0.025 - 0.15*
P	mg/L	0.041	0.043	0.046	0.049	0.055	*0.01*
Pb*	mg/L	0.00016	0.00022	0.00036	0.00046	0.00055	*0.0010 - 0.0070*
Se	mg/L	0.000069	0.00032	0.00040	0.00049	0.00057	*0.001*
Sr	mg/L	0.093	0.38	0.48	0.59	0.68	*2.5*
U	mg/L	0.000069	0.0021	0.0026	0.0033	0.0039	*0.015*
V	mg/L	0.00060	0.00075	0.00094	0.0011	0.0013	*0.12*
Zn*	mg/L	0.0018	0.0019	0.0021	0.0023	0.0027	*0.017 - 0.090*

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

7. Summary

AGNICO EAGLE

7. Summary

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

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

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

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

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

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

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

8. Closure

AGNICO EAGLE

8. Closure

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

Yours sincerely,

LORAX ENVIRONMENTAL SERVICES LTD.

Prepared by:

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

2026-04-21

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Justin Bourne, M.Eng., P.Eng.
Principal and Senior Hydrogeological Engineer

PERMIT TO PRACTICE
LORAX ENVIRONMENTAL SERVICES LTD.
Signature
Date April 21, 2026
PERMIT NUMBER: P 1487
NT/NU Association of Professional Engineers and Geoscientists

References

AGNICO EAGLE

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Appendix A: Meliadine Mine Annual Layouts

A.1: MELIADINE MINE ANNUAL LAYOUTS

A.2: ANNUAL CATCHMENT AREAS

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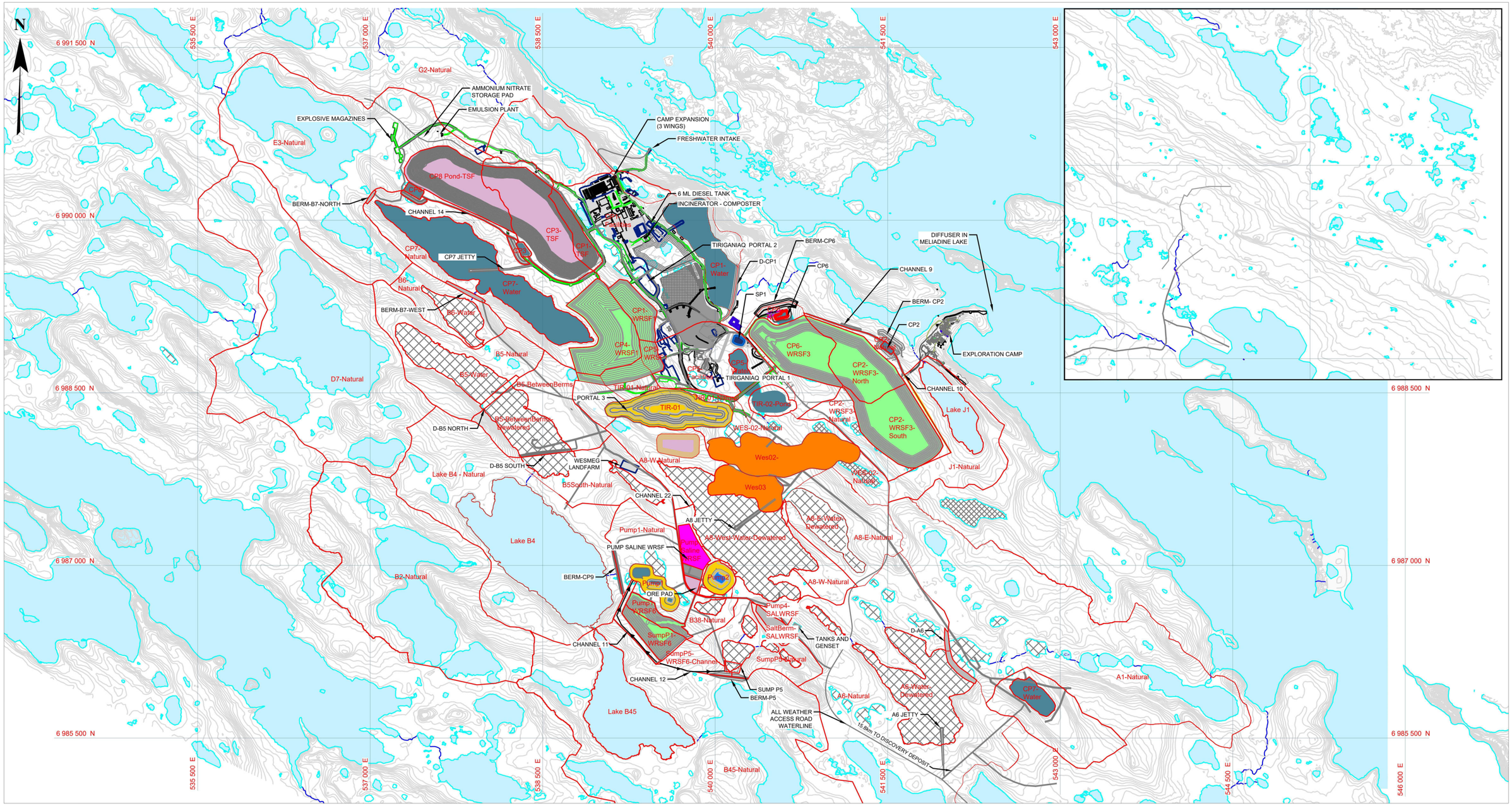
A.1: Meliadine Mine Annual Layouts



LEGEND

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

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REVIEWED:	SJ
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LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2026

PROJECT #: A667-5

FIGURE: A1.1

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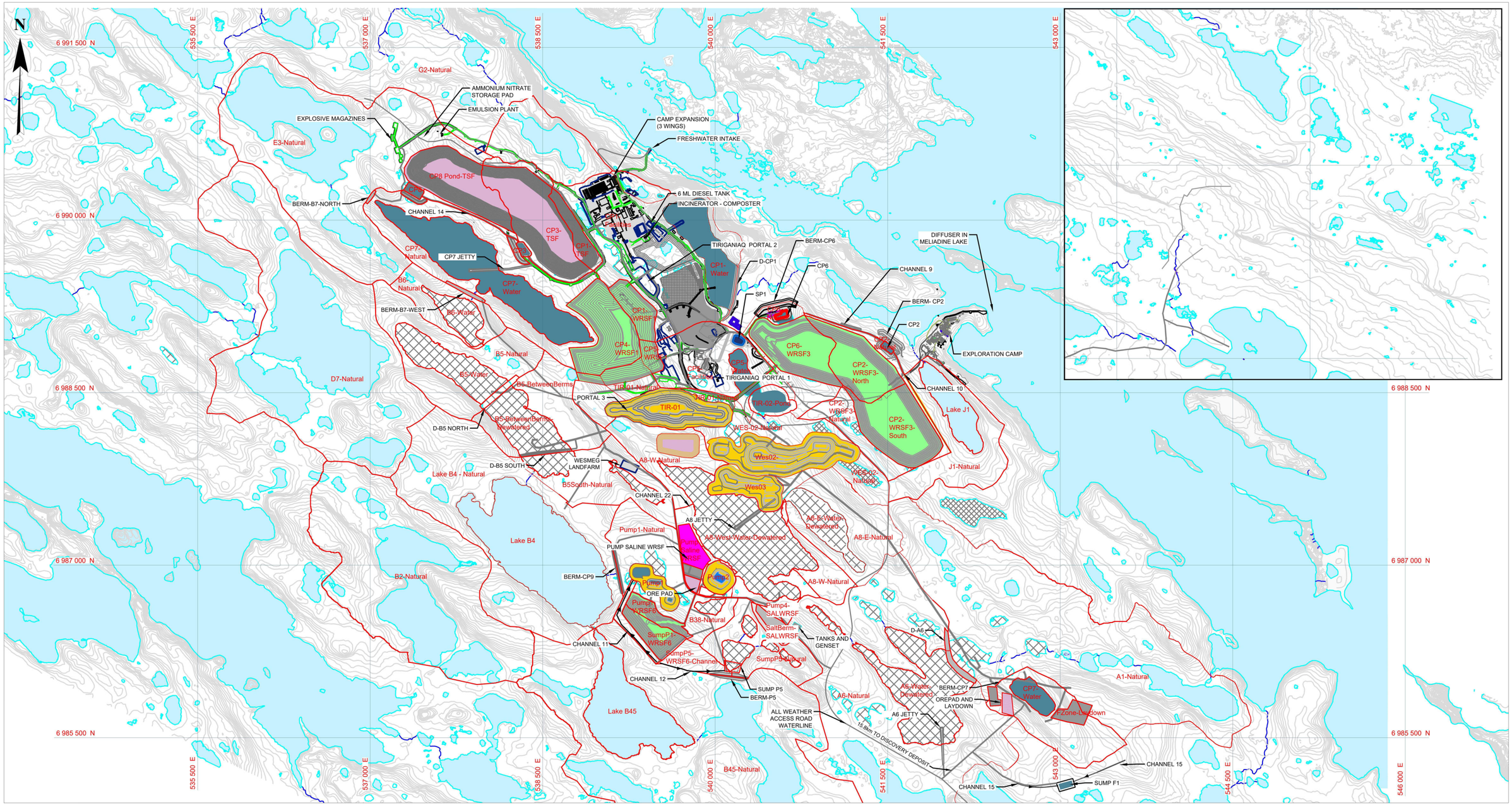

LEGEND

- WATER BALANCE CATCHMENT
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LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2027

PROJECT #: A667-5

FIGURE: A1.2

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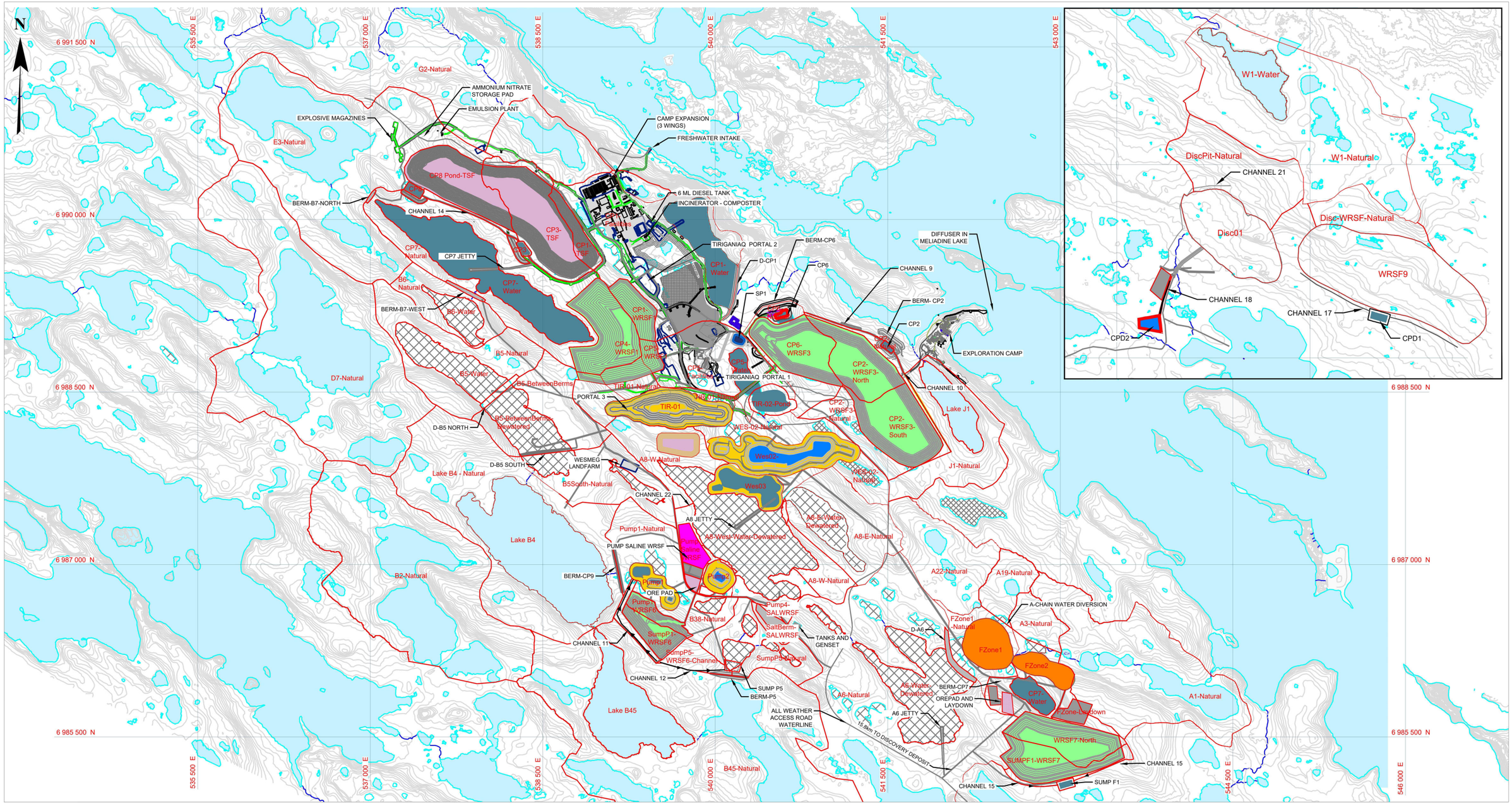

LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
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- WASTE ROCK STORAGE FACILITY COMPLETED

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LORAX ENVIRONMENTAL

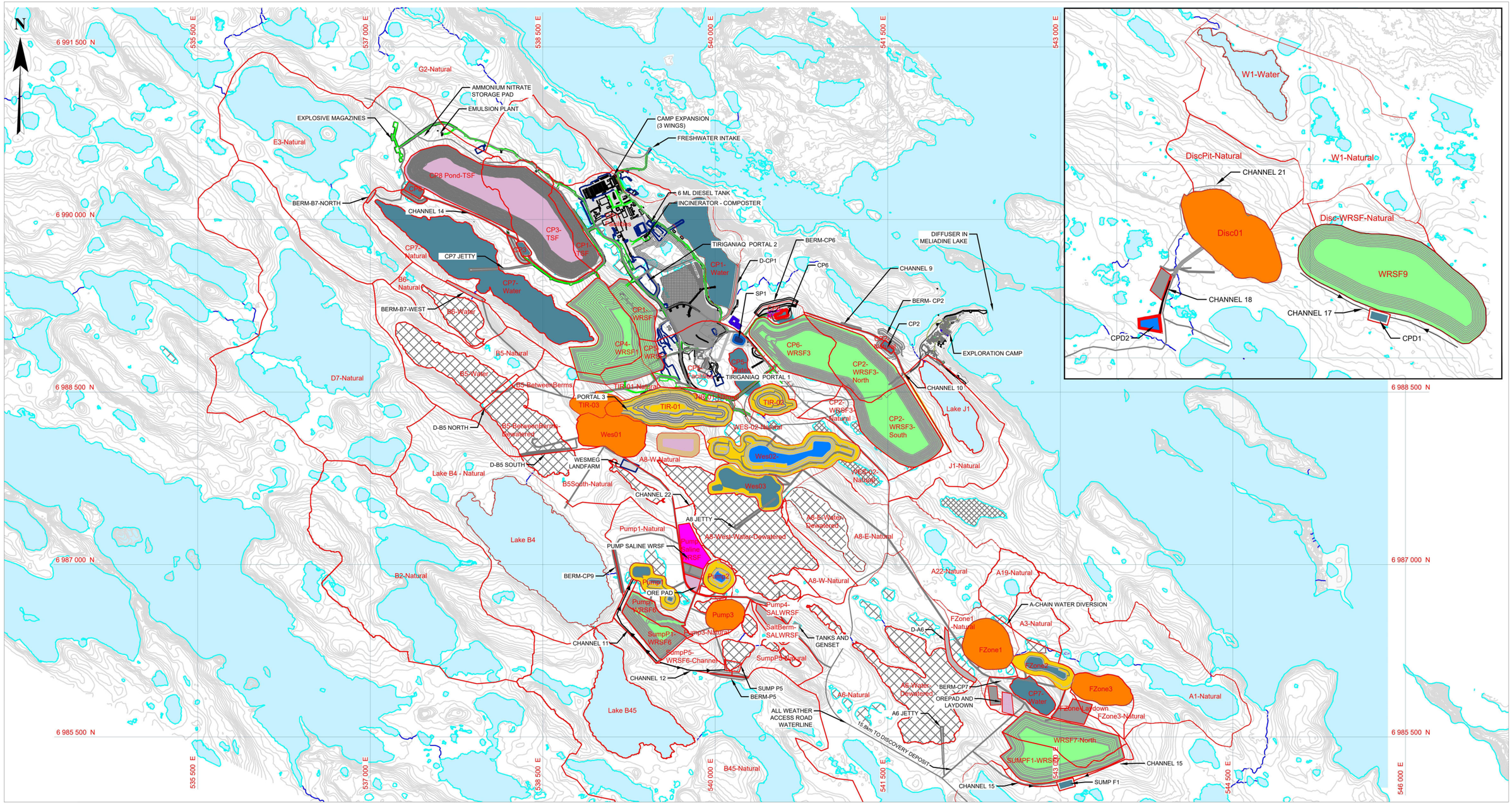
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2028

PROJECT #: A667-5

FIGURE: A1.3

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



LEGEND

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LORAX ENVIRONMENTAL

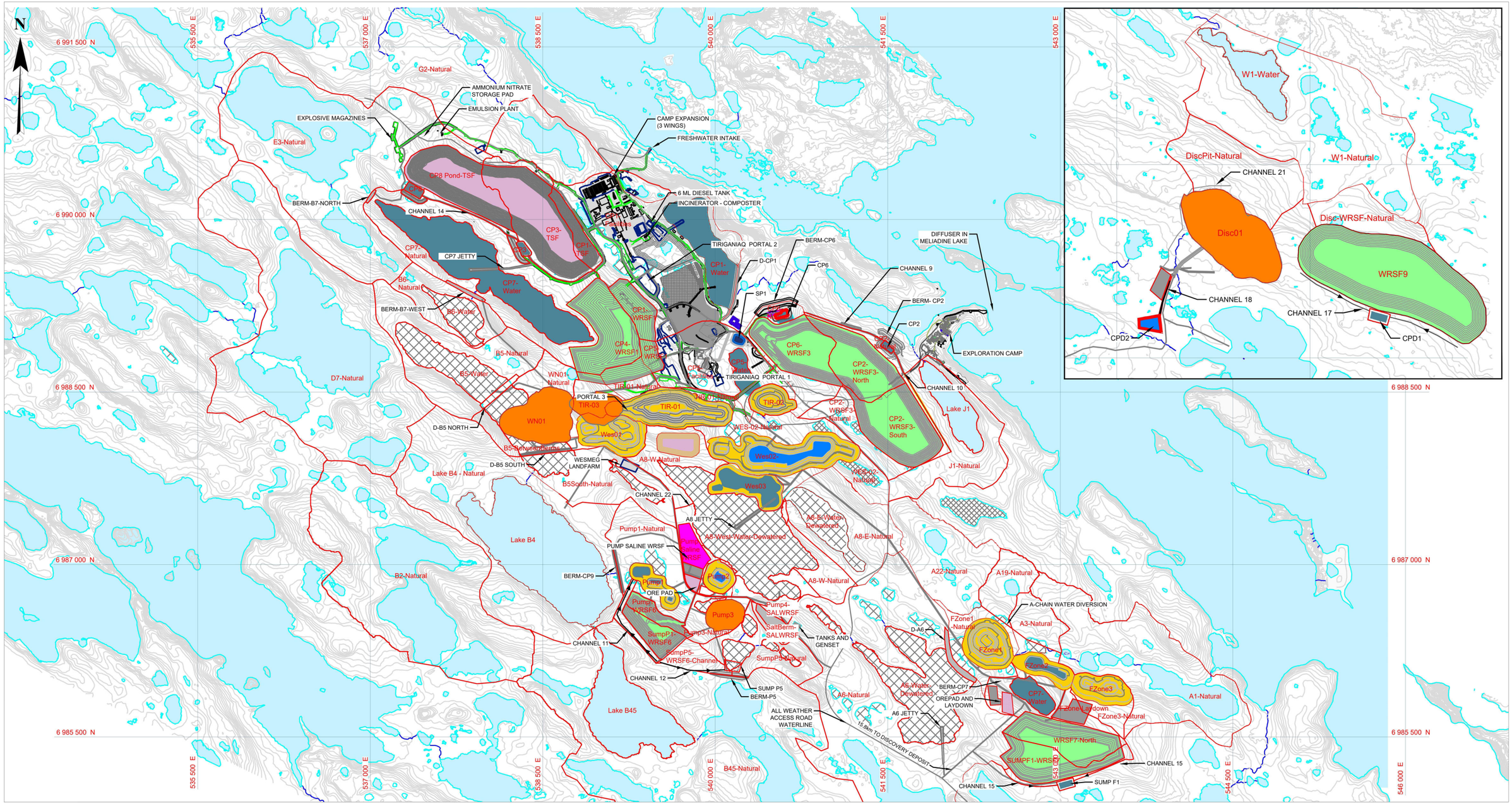
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2029

PROJECT #: A667-5

FIGURE: A1.4

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



LEGEND

- WATER BALANCE CATCHMENT
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- WASTE ROCK STORAGE FACILITY COMPLETED

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LORAX ENVIRONMENTAL

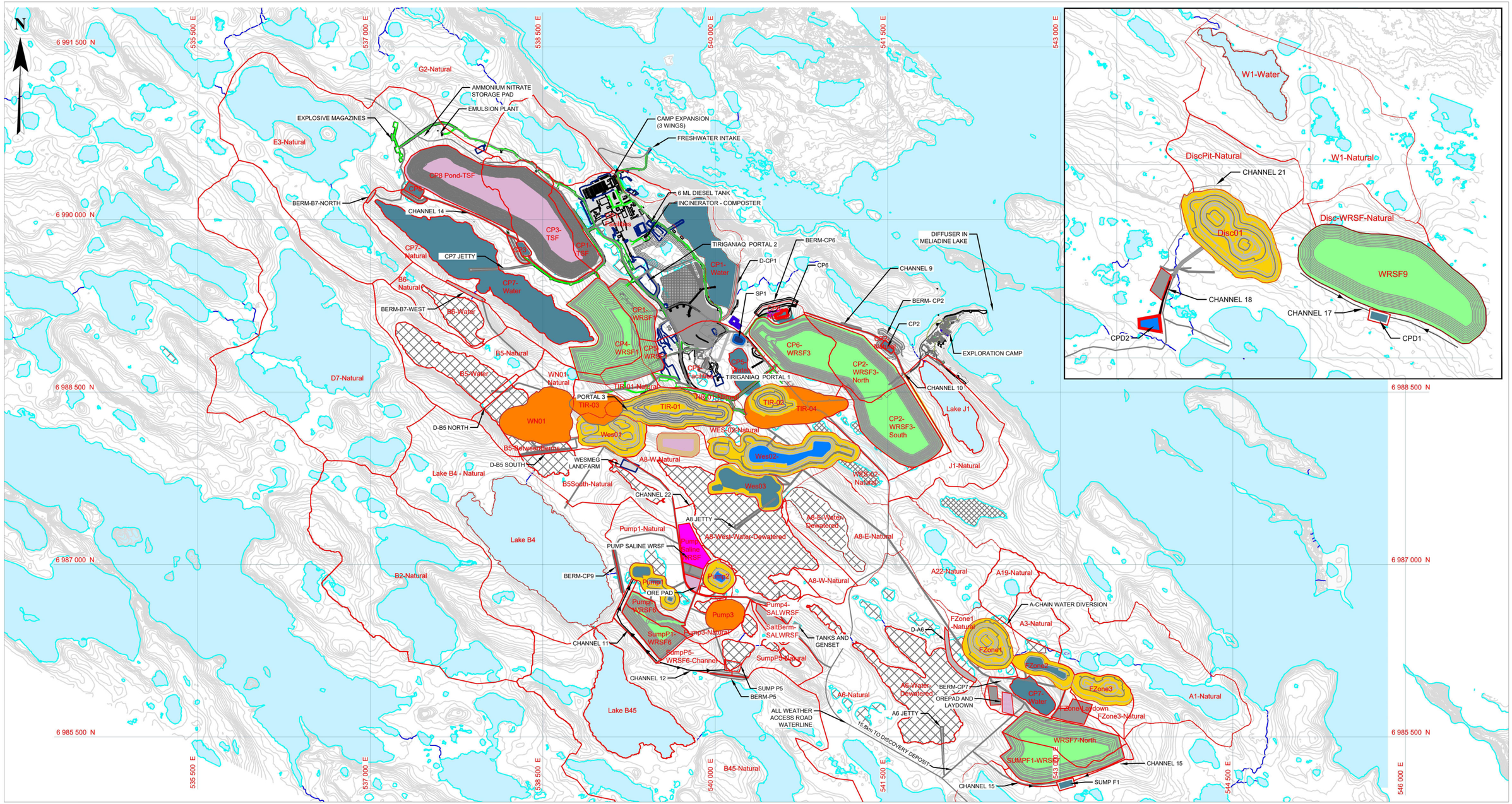
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2030

PROJECT #: A667-5

FIGURE: A1.5

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



LEGEND

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- WASTE ROCK STORAGE FACILITY COMPLETED

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LORAX ENVIRONMENTAL

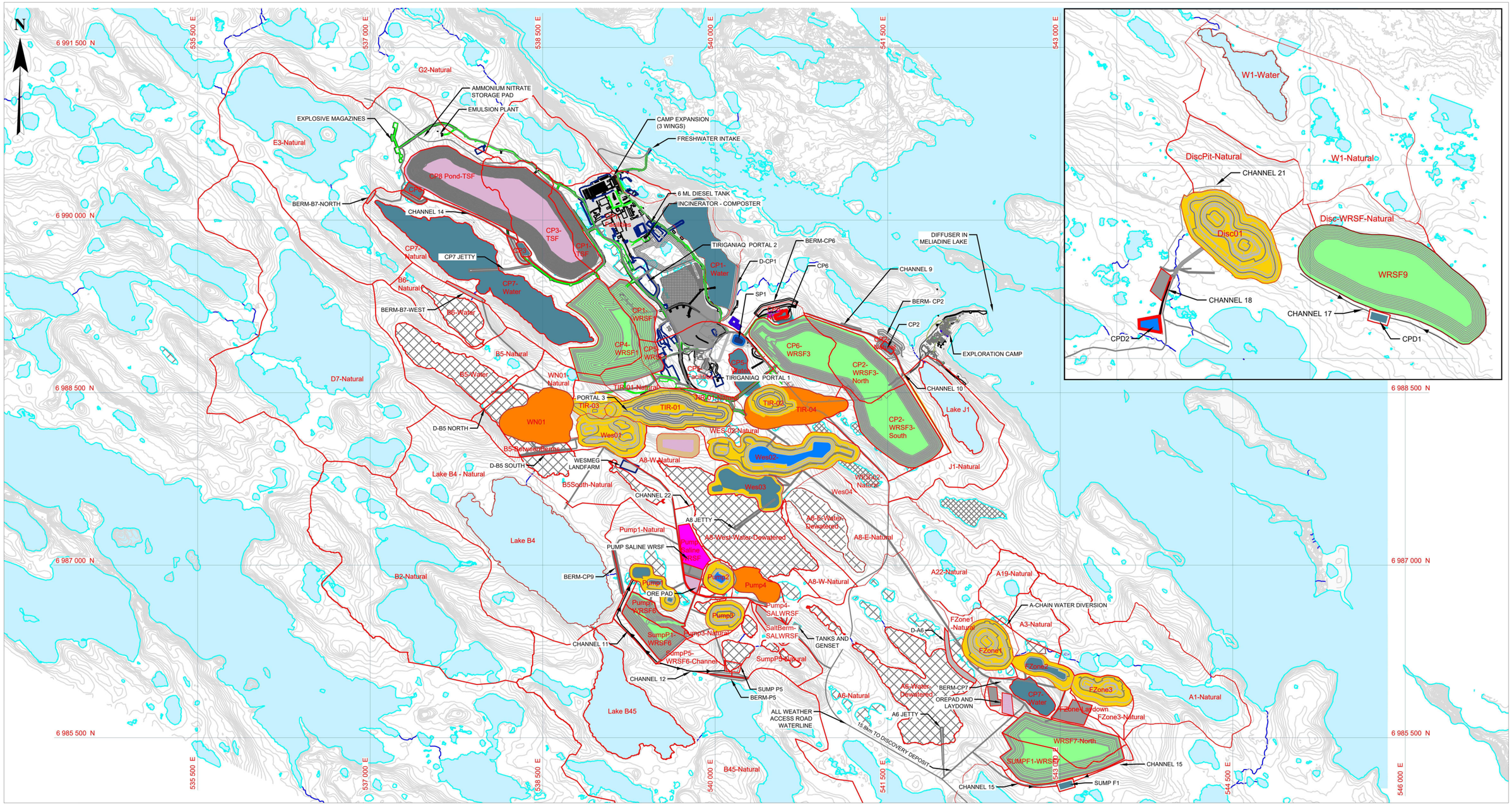
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2031

PROJECT #: A667-5

FIGURE: A1.6

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



LEGEND

- WATER BALANCE CATCHMENT
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LORAX ENVIRONMENTAL

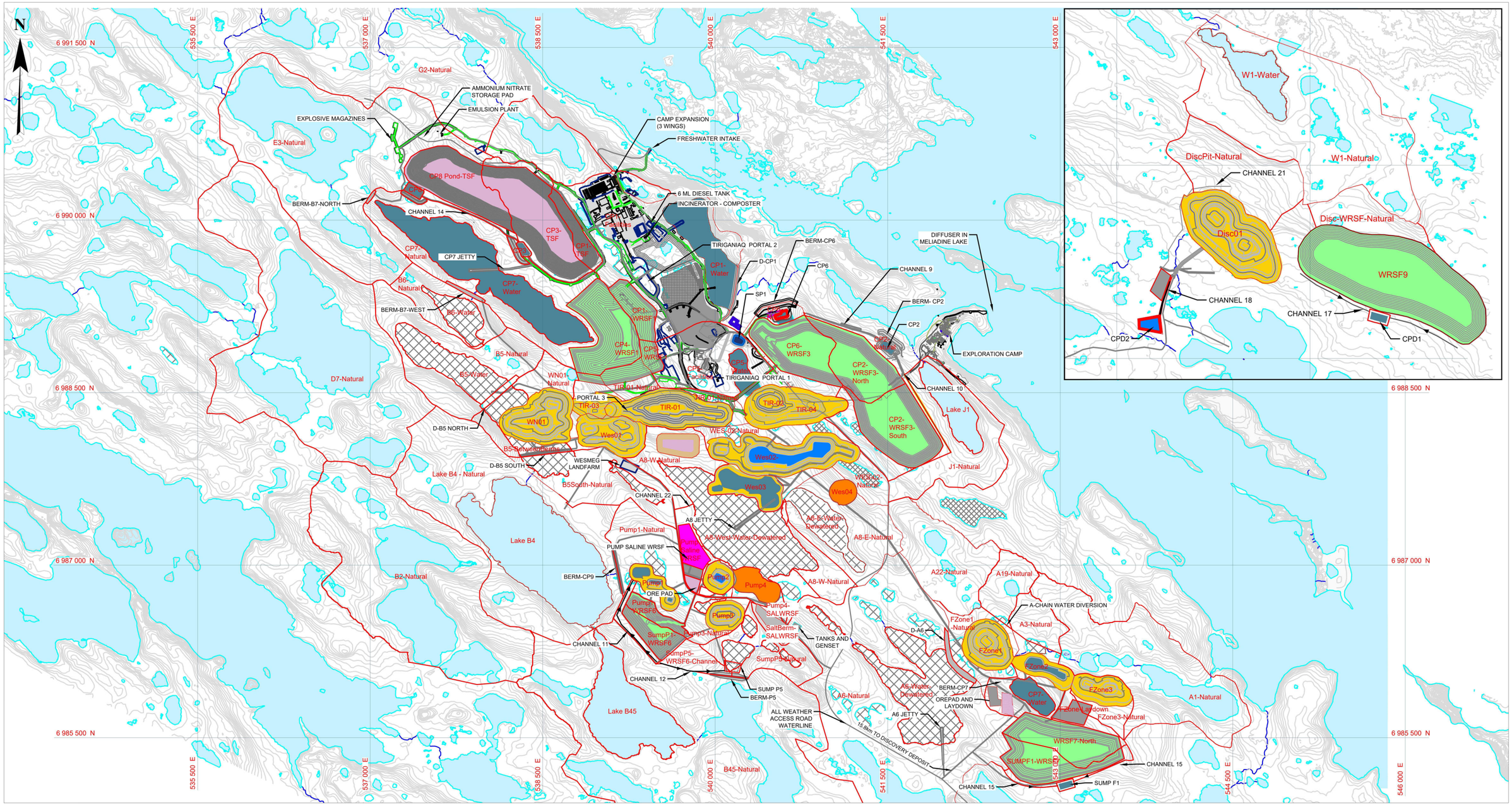
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2032

PROJECT #: A667-5

FIGURE: A1.7

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



LEGEND

- WATER BALANCE CATCHMENT
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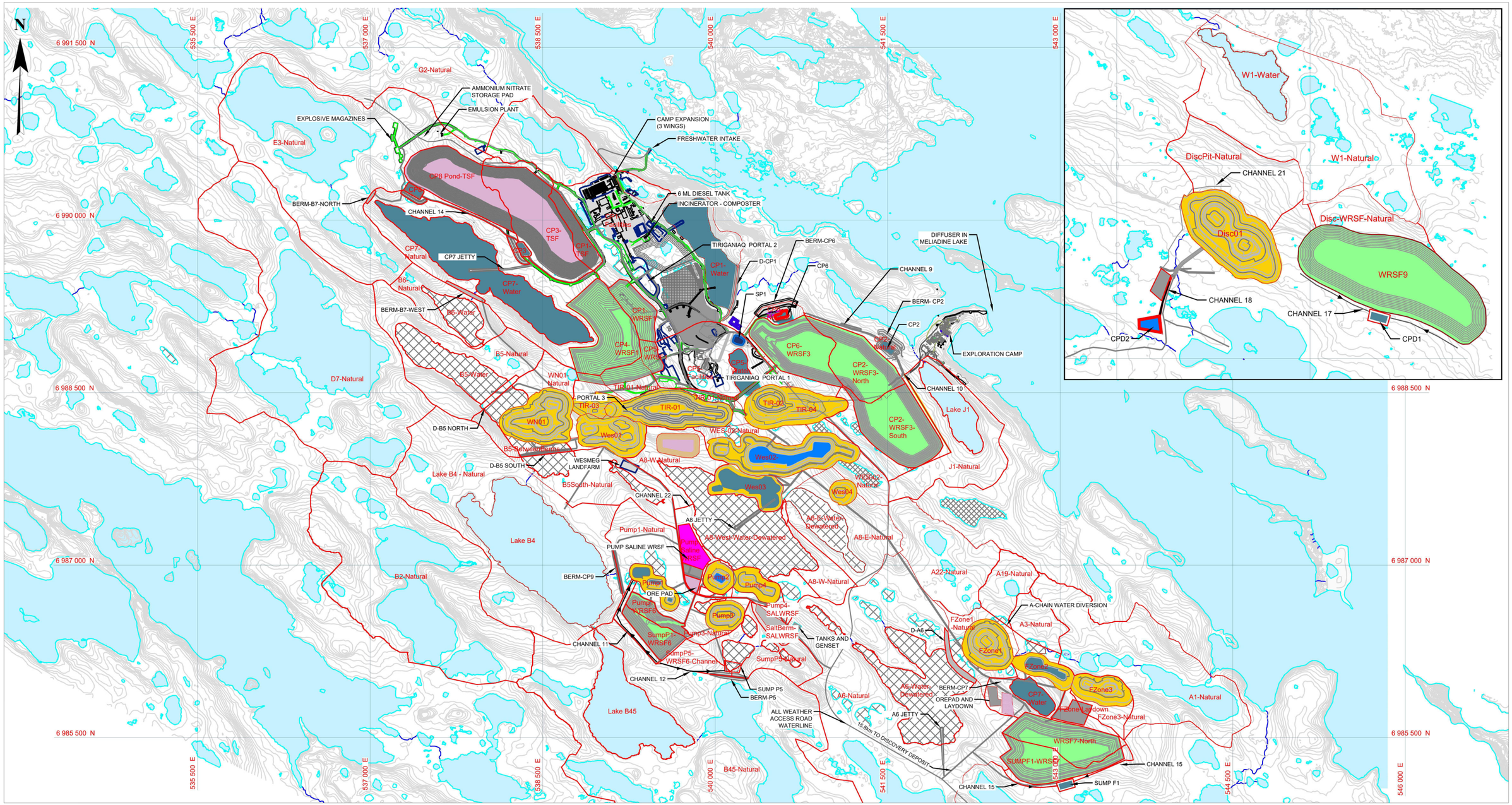
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2033

PROJECT #: A667-5

FIGURE: A1.8

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2033 WBM.dwg



LEGEND

- WATER BALANCE CATCHMENT
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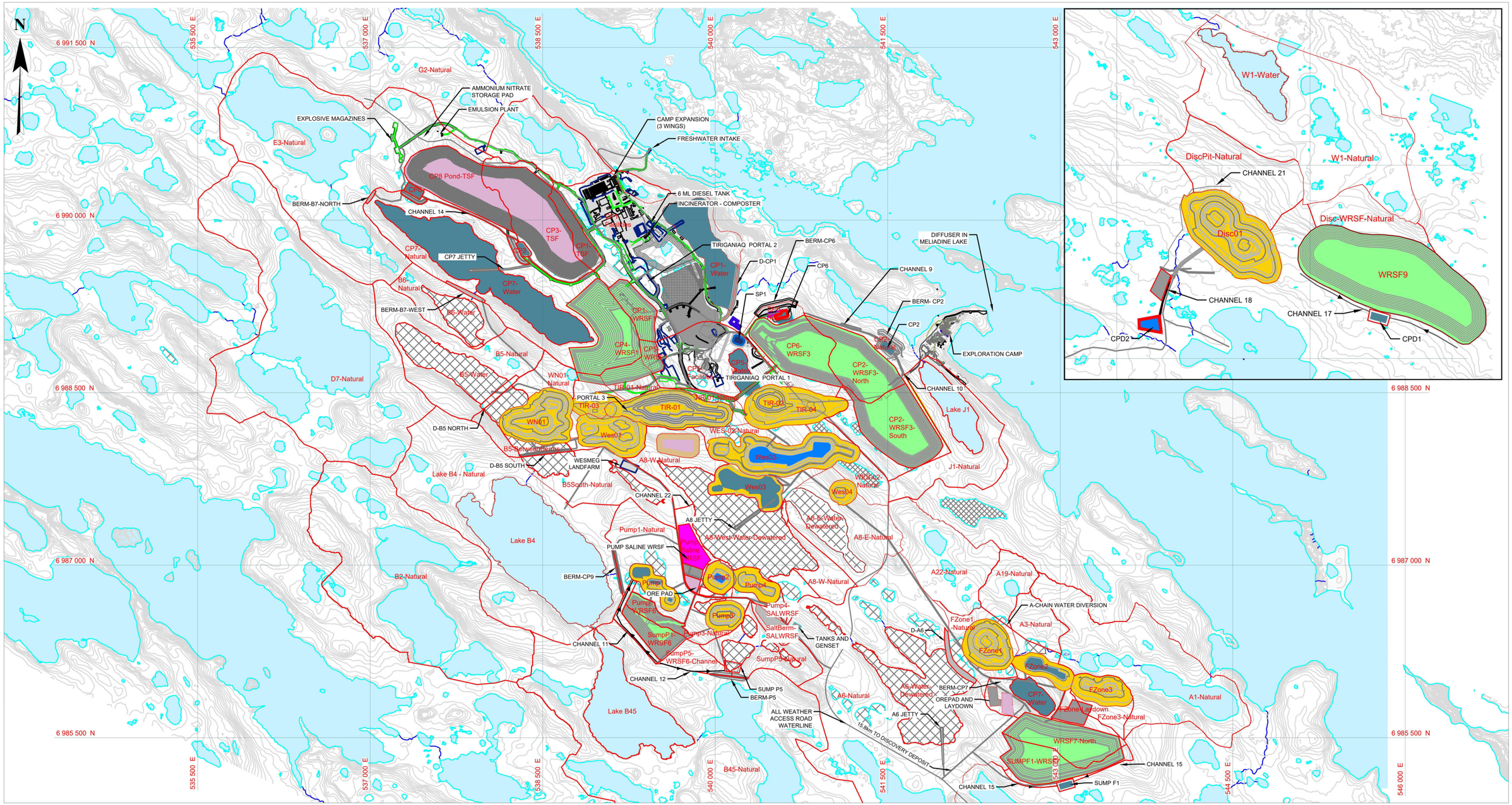
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2034

PROJECT #: A667-5

FIGURE: A1.9

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



LEGEND

- WATER BALANCE CATCHMENT
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- ROAD CREST
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- WASTE ROCK STORAGE FACILITY COMPLETED

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LORAX ENVIRONMENTAL

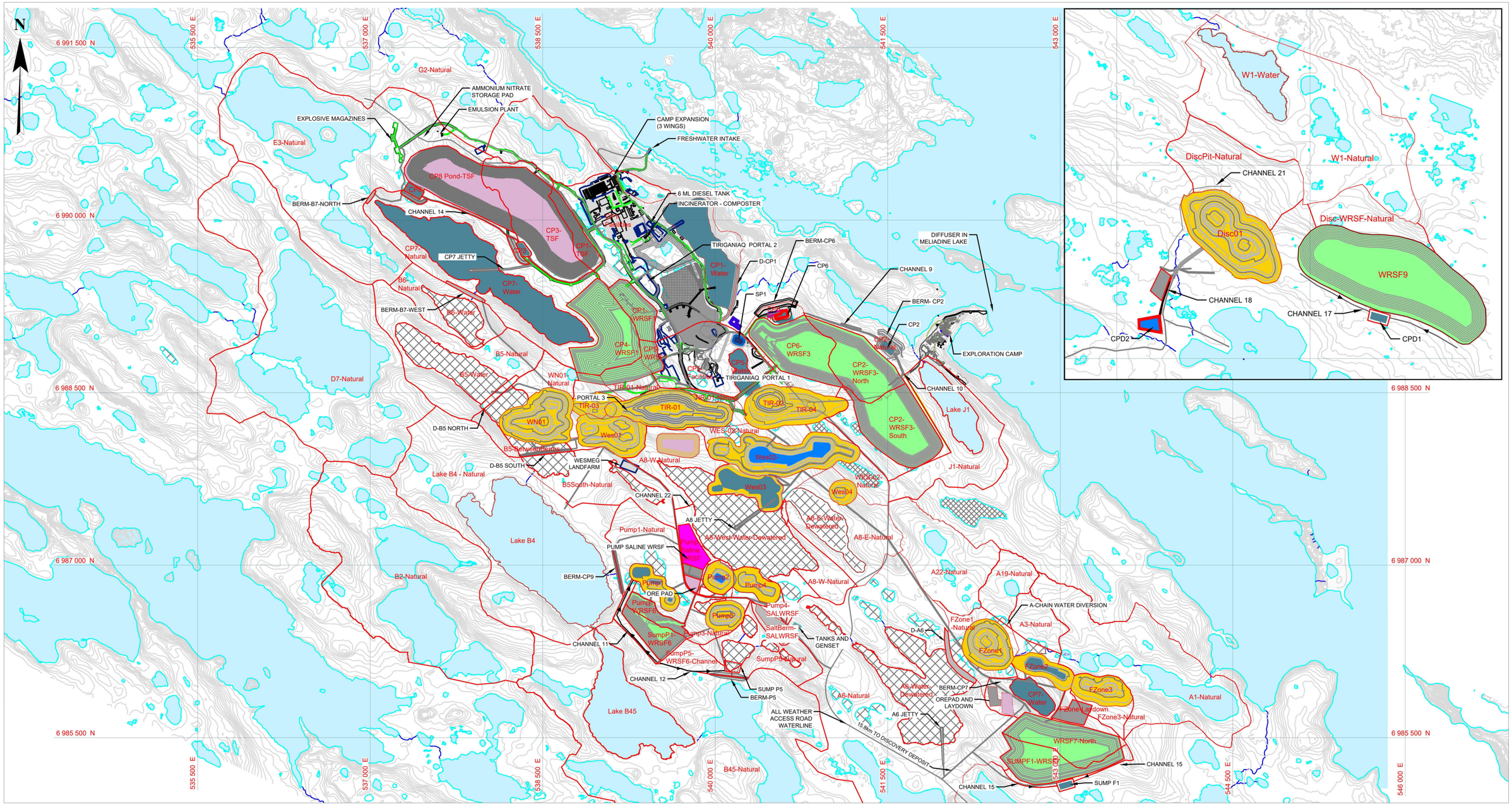
PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - 2035

PROJECT #: A667-5

FIGURE: A1.10

P:\@202506\Meliadine\Drafting Figures\Autocad\Autocad Figures\Operations Plan 2026\2035 WBM.dwg



LEGEND

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

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LORAX ENVIRONMENTAL

PROJECT: **Meliadine Mine WB/WQM**

TITLE: Meliadine Mine Water Balance Layout - EOM - 2036

PROJECT #: A667-5

FIGURE: A1.11

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

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

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

N

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

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

LEGEND

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

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

1:35,000

0 1 2 Km

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LORAX ENVIRONMENTAL

PROJECT:

Meliadine Mine
WB/WQM

TITLE:

Post-Closure Flow Paths

PROJECT #: A667-3

FIGURE A1-12

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

A.2: Annual Catchment Areas

Appendix A.2: Annual Catchment Areas

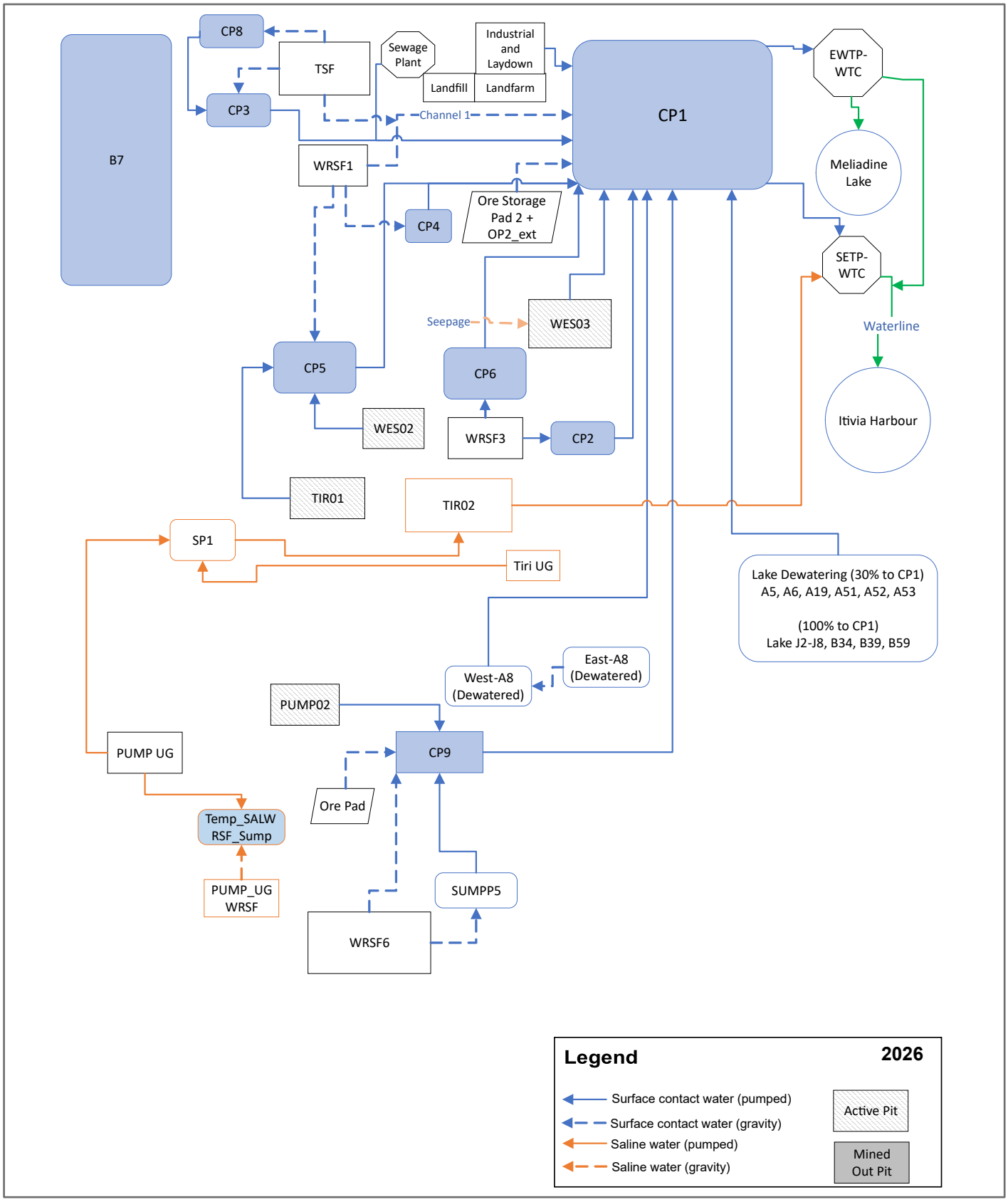
Water Balance Area	Catchment Area (m^2)															
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
CP1-Facilities	1,065,390	1,065,390	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242	1,043,242
CP1-Facilities-Natural	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520	71,520
CP1-TSF	66,810	66,810	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978	88,978
CP1-Water	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766	255,766
CP1-WRSF1	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031	111,031
CP5-Contact Water	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675	50,675
CP5-Facilities	387,030	387,030	392,474	403,047	403,047	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342	412,342
CP5-Natural	59,512	59,512	59,512	59,512	59,512	59,512	59,512	59,512	59,512	42,794	42,794	42,794	42,794	42,794	42,794	42,794
CP5-WRSF1	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263	40,263
P3 Pond	17,421	17,421	11,977	1,404	1,404	0	0	0	0	0	0	0	0	0	0	0
SP Pond	7,892	7,892	7,892	7,892	7,892	0	0	0	0	0	0	0	0	0	0	0
CP-2.5 Dike	0	0	0	0	0	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736	10,736
CP-2.5 Pond	0	0	0	0	0	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838	13,838
CP2.5 Pond-TSF	0	0	0	0	0	0	0	0	331,800	331,800	331,800	331,800	331,800	331,800	331,800	331,800
US-CP2.5 Channel-TSF	0	0	0	0	0	0	66,642	159,428	0	0	0	0	0	0	0	0
US-CP2.5 Pond-Natural	0	0	0	0	0	331,800	265,158	172,427	0	0	0	0	0	0	0	0
US-CP4-Pond-WRSF1	37,779	37,779	37,779	37,779	37,779	0	0	0	0	0	0	0	0	0	0	0
US-WRSF1-Natural	0	0	0	0	0	100,949	87,633	0	0	0	0	0	0	0	0	0
CP-2.5 Channel	0	0	0	0	0	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798	30,798
CP3 Berm	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462	15,462
CP3 Pond	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777	10,777
CP3-Natural	292,859	292,859	161,571	161,571	161,571	152,348	48,985	38,888	38,888	38,888	38,888	38,888	38,888	38,888	38,888	38,888
CP3-TSF	190,045	190,045	321,332	321,332	321,332	321,332	424,696	434,793	434,793	434,793	434,793	434,793	434,793	434,793	434,793	434,793
CP4 Berm	25,064	25,064	25,064	25,064	25,064	0	0	0	0	0	0	0	0	0	0	0
CP4 Pond	19,755	19,755	19,755	19,755	19,755	0	0	0	0	0	0	0	0	0	0	0
CP4-Natural	83,594	76,104	76,104	76,104	76,104	0	0	0	0	0	0	0	0	0	0	0
CP4-WRSF1	117,916	117,916	117,916	117,916	117,916	0	0	0	0	0	0	0	0	0	0	0
A8-West-Mid-Water-Dewatered	0	0	0	0	0	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870	306,870
A8-West-Natural	1,230,767	1,218,820	1,194,708	1,189,092	1,267,648	0	0	0	0	0	0	0	0	0	0	0
A8-West-Northberm-Natural	0	0	0	0	0	264,085	195,400	195,400	195,400	195,400	195,400	195,400	195,400	195,400	195,400	195,400
A8-West-Northberm-Natural-Dewatered	0	0	0	0	0	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322	174,322
A8-West-Water	735,088	735,088	735,088	735,088	0	0	0	0	0	0	0	0	0	0	0	0
A8-West-Water-Dewatered	0	0	0	0	735,088	0	0	0	0	0	0	0	0	0	0	0
A8-West-South-Natural	0	0	0	0	0	126,368	126,368	126,368	126,368	83,834	83,834	83,834	83,834	83,834	83,834	83,834
A8-West-South-Water-Dewatered	0	0	0	0	0	186,397	186,397	186,397	186,397	102,438	102,438	0	102,438	102,438	102,438	102,438
B5-Between Berms-Dewatered	0	0	0	0	0	233,584	233,584	233,584	233,584	233,584	233,584	233,584	233,584	233,584	109,722	109,722
B5-Natural	1,480,036	1,476,024	1,476,024	1,461,955	1,416,528	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180	525,180
B5-South-Between Berms	0	0	0	0	0	371,279	314,214	306,061	306,061	306,061	306,061	306,061	306,061	306,061	38,956	38,956
B5-South-Dewatered	0	0	0	0	0	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764
B5-South-Natural	0	0	0	0	0	398,596	366,105	366,105	366,105	366,105	366,105	12,196	409,961	366,105	366,227	366,227
B5-Water-Dewatered	0	0	0	0	0	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039
B6-Natural	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132
B5-South-Dewatered	0	0	0	0	0	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764	72,764
B5-South-Natural	0	0	0	0	0	398,596	366,105	366,105	366,105	366,105	366,105	12,196	409,961	366,105	366,227	366,227
B5-Water-Dewatered	0	0	0	0	0	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039	245,039
B6-Natural	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132	213,132
D-B5-North	0	0	0	0	0	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234	20,234
D-SP6-North	3,536	3,536	3,536	3,536	3,536	3,536	3,536	3,536	3,536	0	0	3,536	3,536	3,536	3,536	3,536
D-SP6-West	0	0	0	0	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202	11,202
Lake B34	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733	43,733
Lake B5	567,382	567,382	567,382	567,382	567,382	0	0	0	0	0	0	0	0	0	0	0
Lake B6	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001	118,001
Lake J6	7,996	7,996	7,996	7,996	7,996	0	0	0	0	0	0	0	0	0	0	0
Lake J7	35,079	35,079	35,079	35,079	35,079	0	0	0	0	0	0	0	0	0	0	0
Orepad-WES03	0	0	0	0	0	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545	68,545
SP6-Contact Water	578,819	578,819	578,819	578,819	578,819	578,818	578,818	578,818	578,818	578,818	578,818	578,818	578,818	578,819	578,819	578,819
SP6-Natural	1,099,516	1,099,516	1,099,516	1,099,516	1,099,516	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722	600,722
SP6-Natural-Disturbed	38,561	38,561	38,561	38,561	38,561	0	0	0	0	0	0	0	0	0	0	0
SP6-WRSF1	0	0	0	0	0	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740	313,740
TIR-01-Natural	83,483	83,483	31,940	31,940	31,940	85,990	85,990	85,990	85,990	0	85,990	85,990	85,990	85,990	85,990	85,990
TIR-01-WRSF1	0	0	0	0	0	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644	57,644
TIR02	0	0	0	0	0	0	83,148	83,148	83,148	0	0	0	0	0	0	0
TIR-03-Natural	0	0	0	0	0	0	0	37,687	37,687	37,687	37,687	37,687	37,687	37,687	37,687	37,687
TIR-03-WRSF1	0	0	0	0	0	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553	15,553
TIRI01	0	0	246,592	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384	266,384
TIRI01-East	52,475	52,475	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIRI01-West	95,009	118,459	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIRI02	83,148	83,148	83,148	83,148	83,148	83,148	0	0	0	0	0	0	0	0	0	0
TIRI03	0	0	0	0	0	0	0	58,098	58,098	58,098	58,098	58,098	58,098	58,098	55,732	55,732
TIRI04	0	0	0	0	0	0	0	0	0	244,801	244,801	244,801	244,801	244,801	244,801	244,801
US-CP2.5 Channel-TSF	0	0	0	0	0	0	66,642	159,428	0	0	0	0	0	0	0	0
US-CP2.5 Pond-Natural	0	0	0	0	0	331,800	265,158	172,427	0	0	0	0	0	0	0	0
US-CP4-Pond-WRSF1	37,779	37,779	37,779	37,779	37,779	0	0	0	0	0	0	0	0	0	0	0
US-WRSF1-Natural	0	0	0	0	0	100,949	87,633	0	0	0	0	0	0	0	0	0
WES01	0	0	0	0	0	0	171,574	171,574	171,574	171,574	171,574	171,574	171,574	171,574	171,574	171,574
WES02	0	0	0	0	0	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431	341,431
WES02-Natural	0	0	0	0	0	334,034	334,034	334,034	334,034	368,336	282,346	282,346	282,346	282,346	282,346	282,346
WES03	0	0	0	0	0	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557	152,557
WES03-Natural	0	0	0	0	0	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070	40,070
WES04	0	0	0	0	0	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674	41,674
WN01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232,520	232,520
WN-01-Natural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160,850	160,850
CP2-Natural	0	110,857	84,148	84,148	84,148	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921	70,921
CP2-Pond	0	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745	5,745
CP2-WRSF3	0	0	0	0	0	0	0	0	0	0	0	273,298	0	0	0	0
CP2-WRSF3-North	0	207,675	234,384	234,384	234,384	273,298	273,298	273,298	273,298	273,298	273,298	0	273,298	273,298	273,298	273,298
CP2-WRSF3-South	0	0	0	0	0	345,865	345,865	345,865	345,865	345,865	345,865	0	345,865	345,865	345,865	345,865
CP2-WRSF3-US-Natural	0	0	0	0	0	175,067	175,067	175,067	175,067	128,151	128,151	128,151	128,151	128,151	128,151	128,151
CP6 Pond	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769	4,769
CP6-Natural	210,547	145,729	136,791	128,261	128,261	169,124	169,124	169,124	169,124	122,757	122,757	122,757	122,757	122,757	122,757	122,757
CP6-WRSF3	243,425	308,915	317,852	326,462	326,462	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025	286,025
Channel 13-SUMP-P5-Natural	0	0	0	0	0	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389	22,389

Appendix A.2: Annual Catchment Areas

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

Appendix B: Annual Water Management Flow Diagrams

AGNICO EAGLE



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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

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

TITLE: Water Management Flow Diagram - 2026

PROJECT #: A667-5

FIGURE: B1.1

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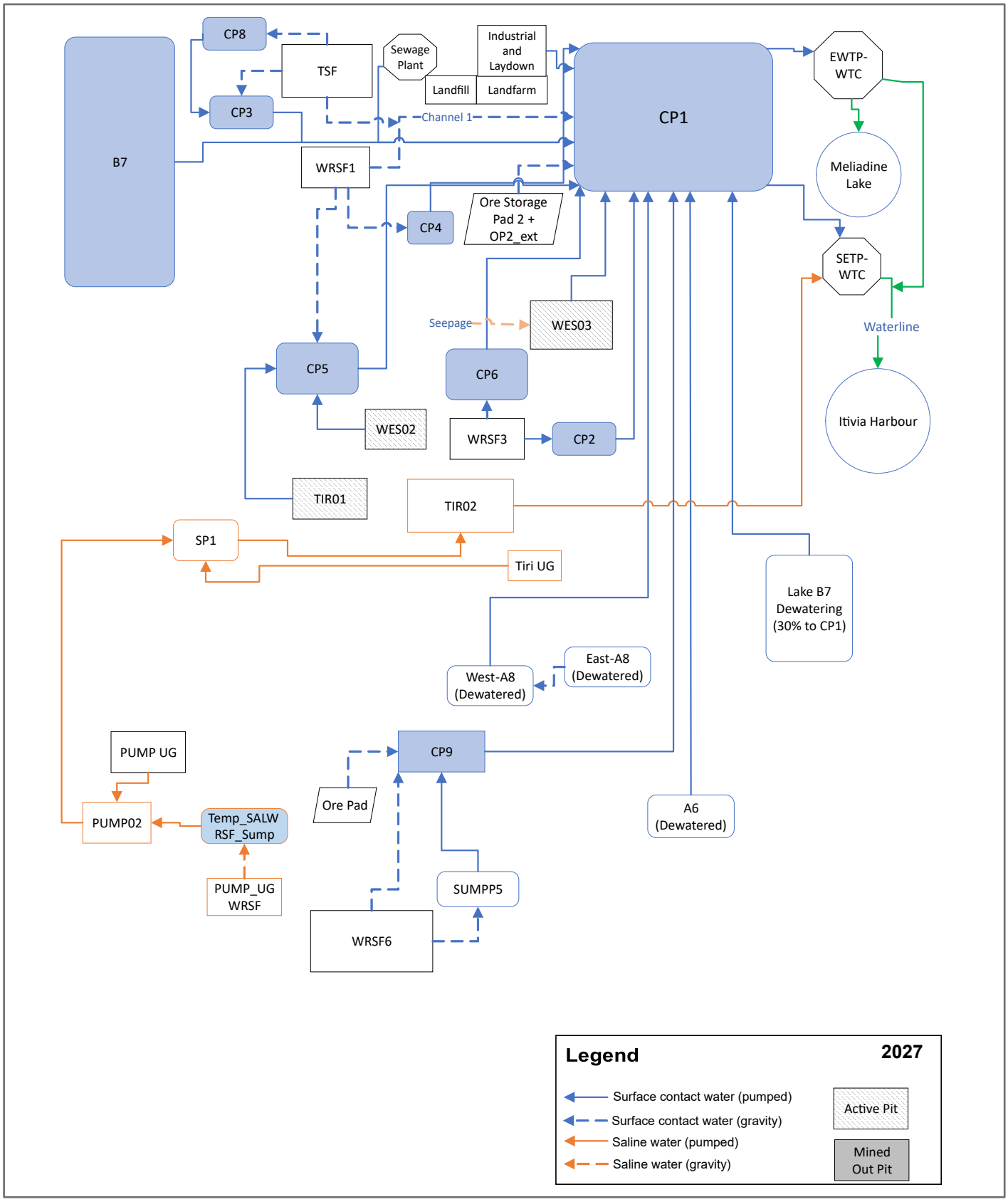

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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

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

TITLE: Water Management Flow Diagram - 2027

PROJECT #: A667-5

FIGURE: B1.2

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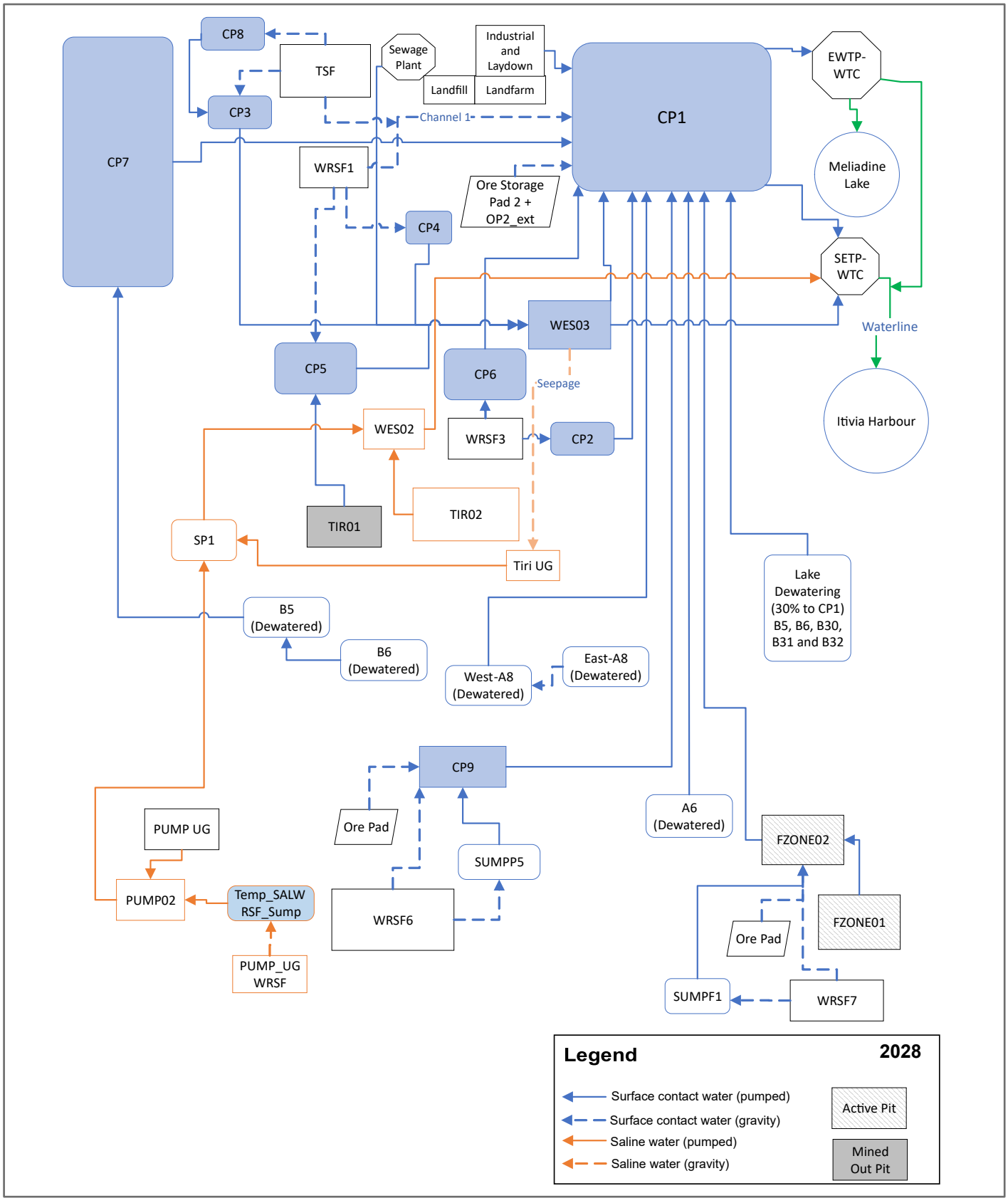

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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

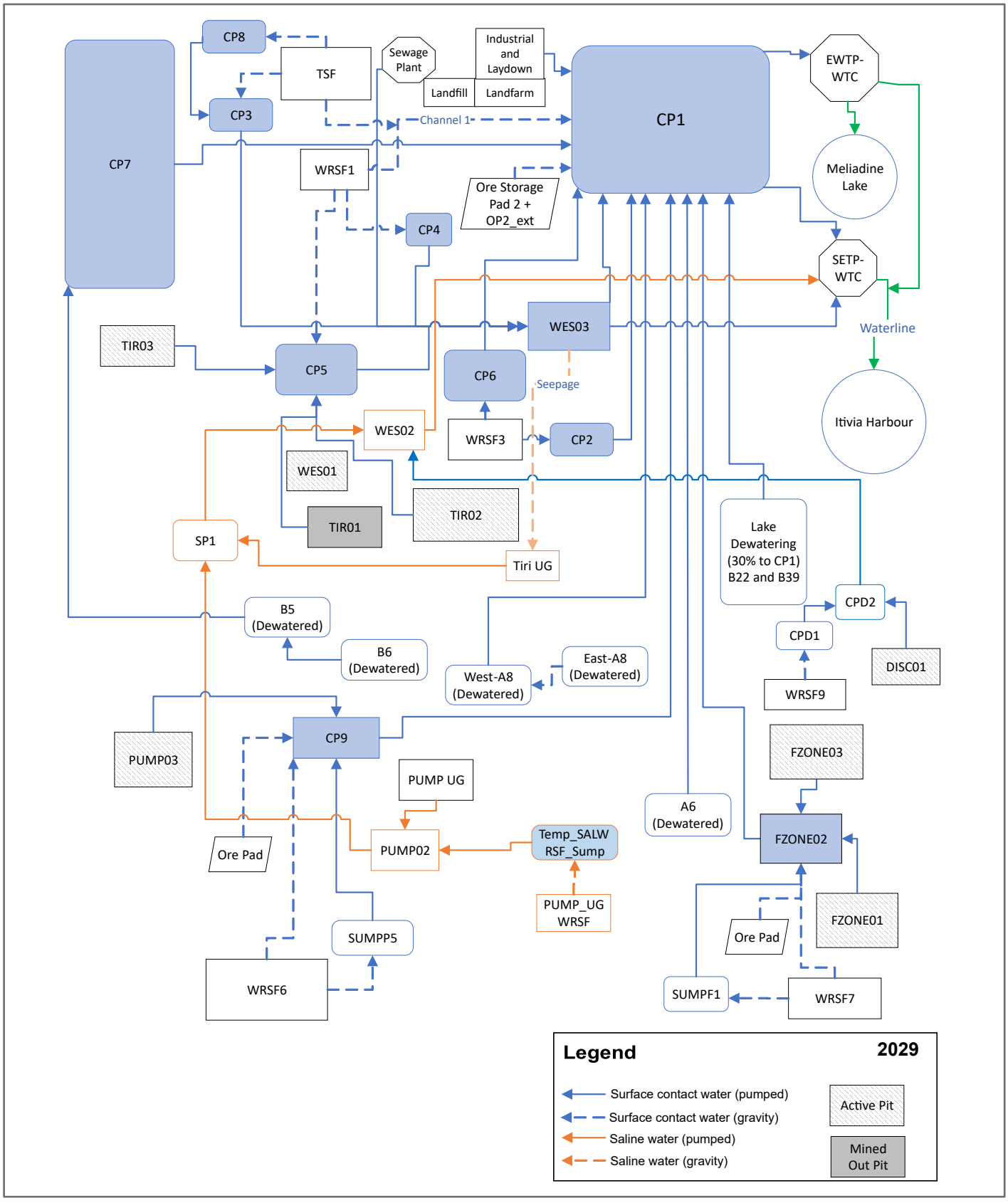
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2028

PROJECT #: A667-5

FIGURE: B1.3

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx



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VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

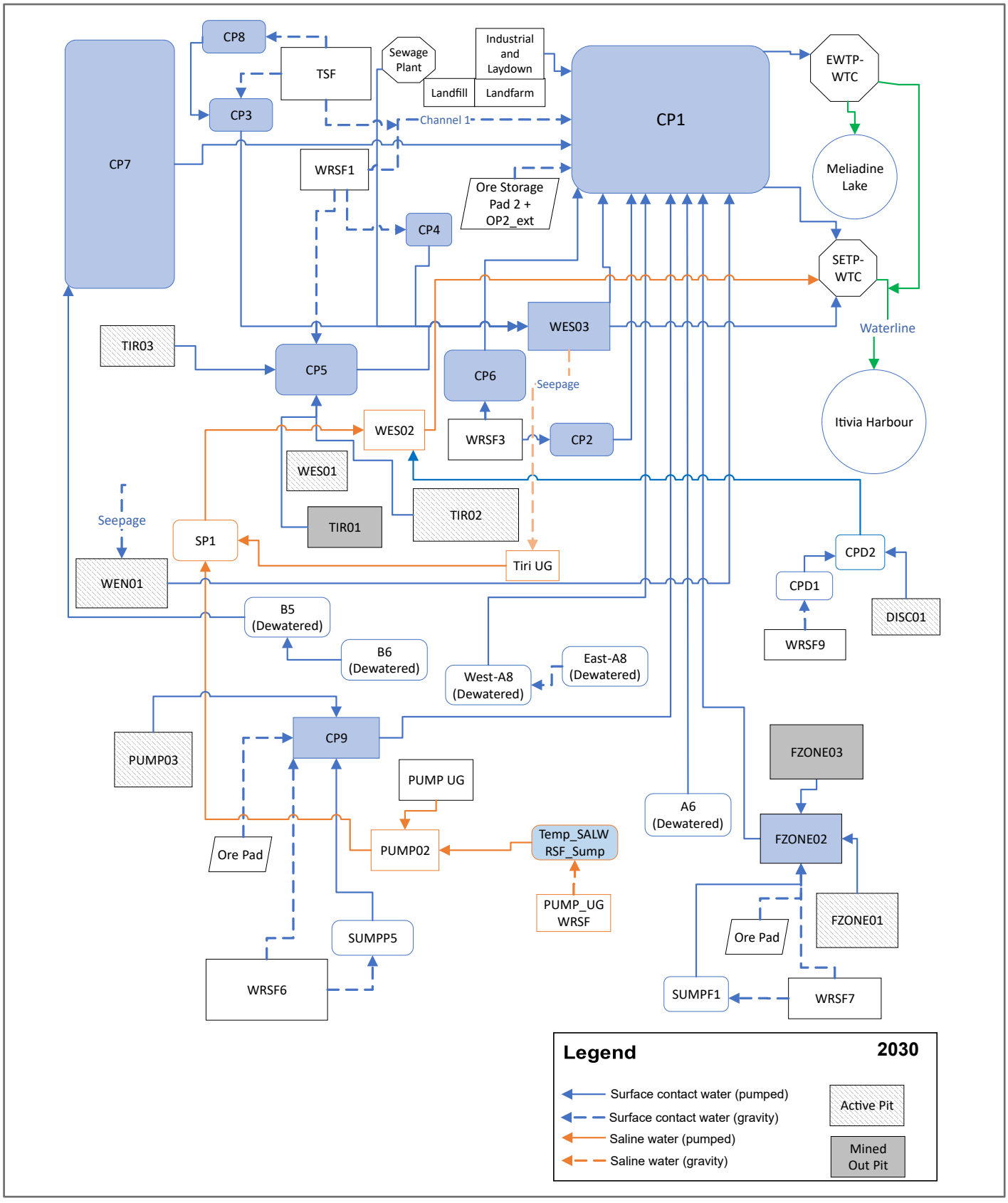
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2029

PROJECT #: A667-5

FIGURE: B1.4

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx



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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

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

TITLE: Water Management Flow Diagram - 2030

PROJECT #: A667-5

FIGURE: B1.5

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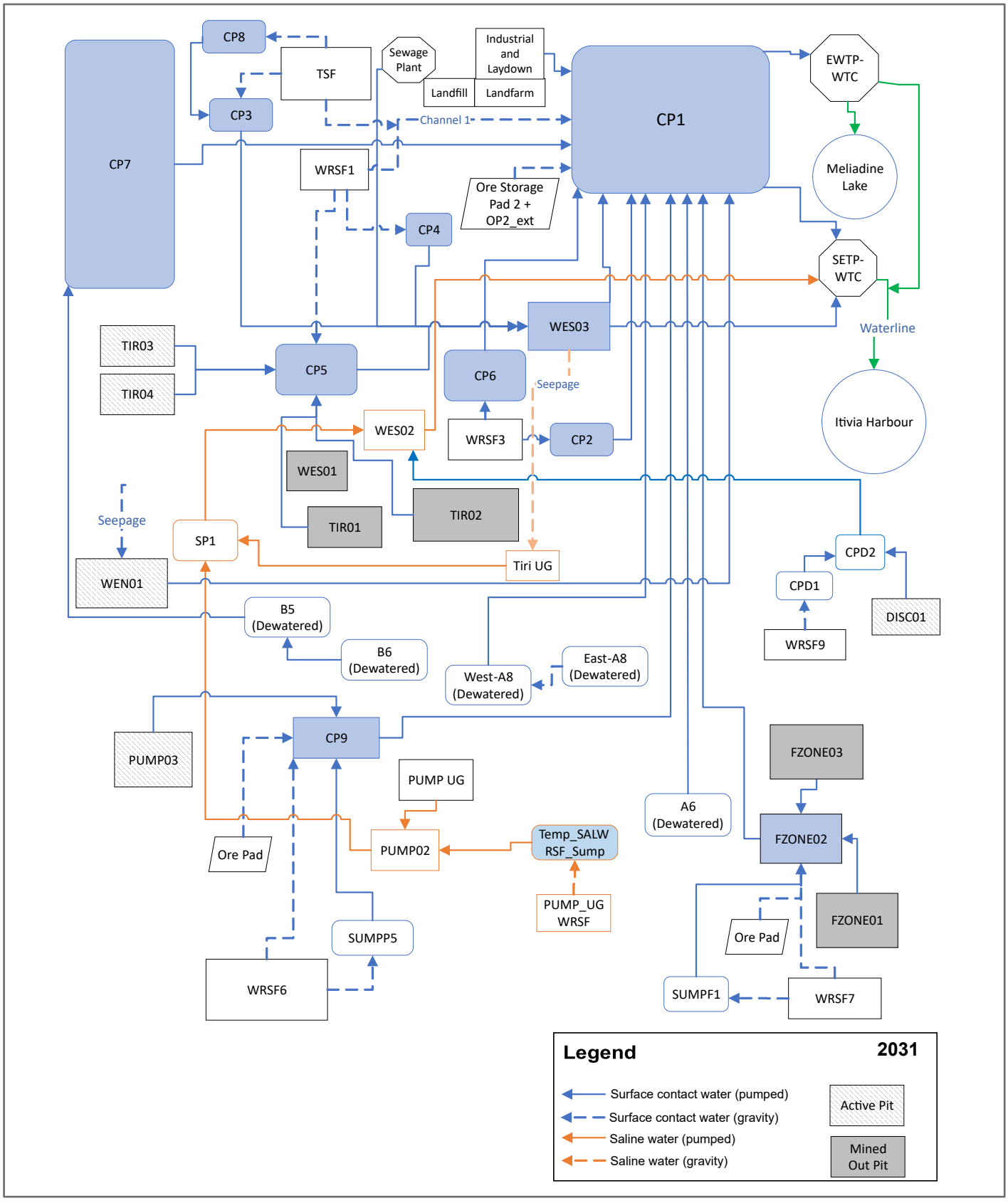

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VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

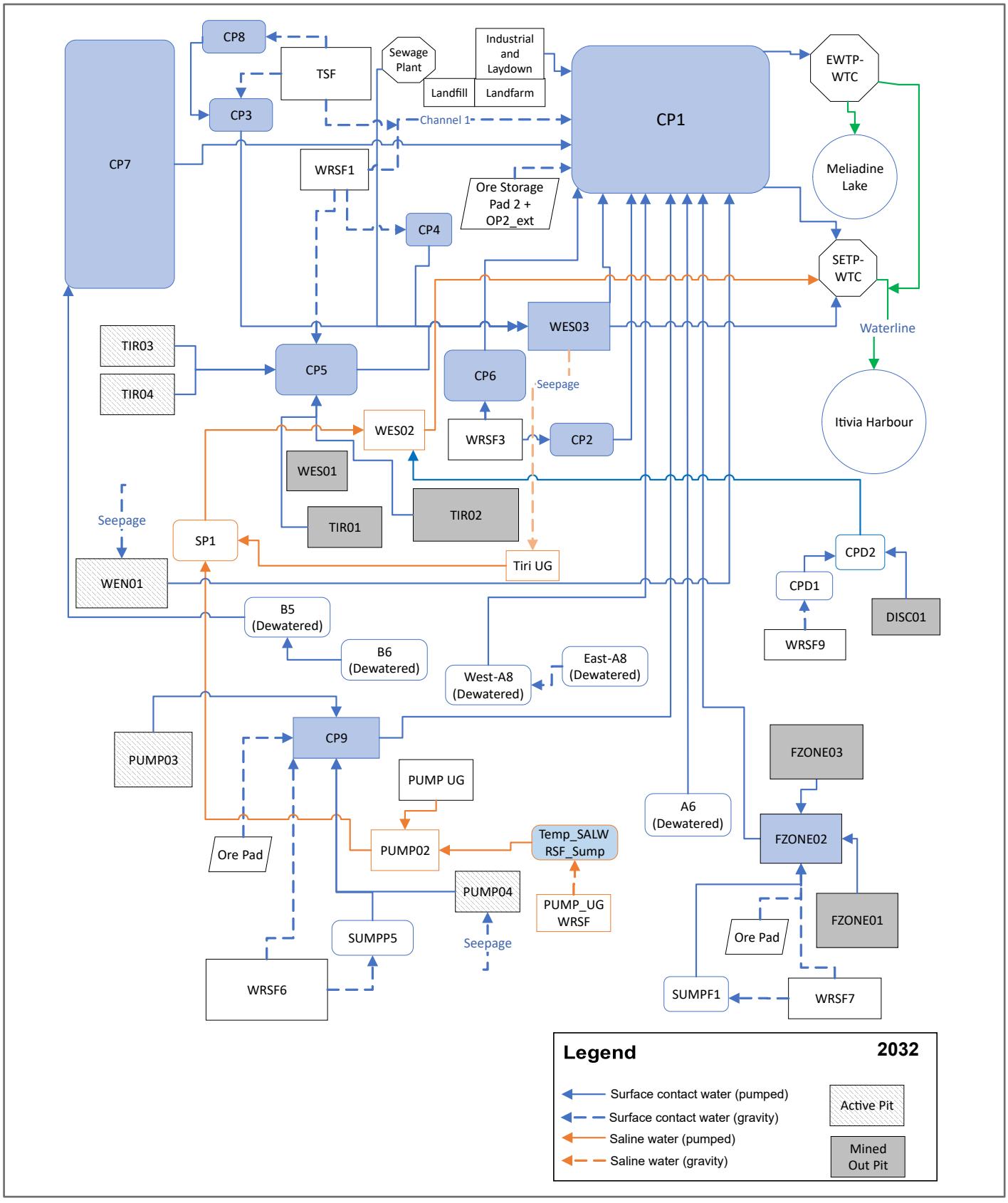
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2031

PROJECT #: A667-5

FIGURE: B1.6

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx



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VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

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

TITLE: Water Management Flow Diagram - 2032

PROJECT #: A667-5

FIGURE: B1.7

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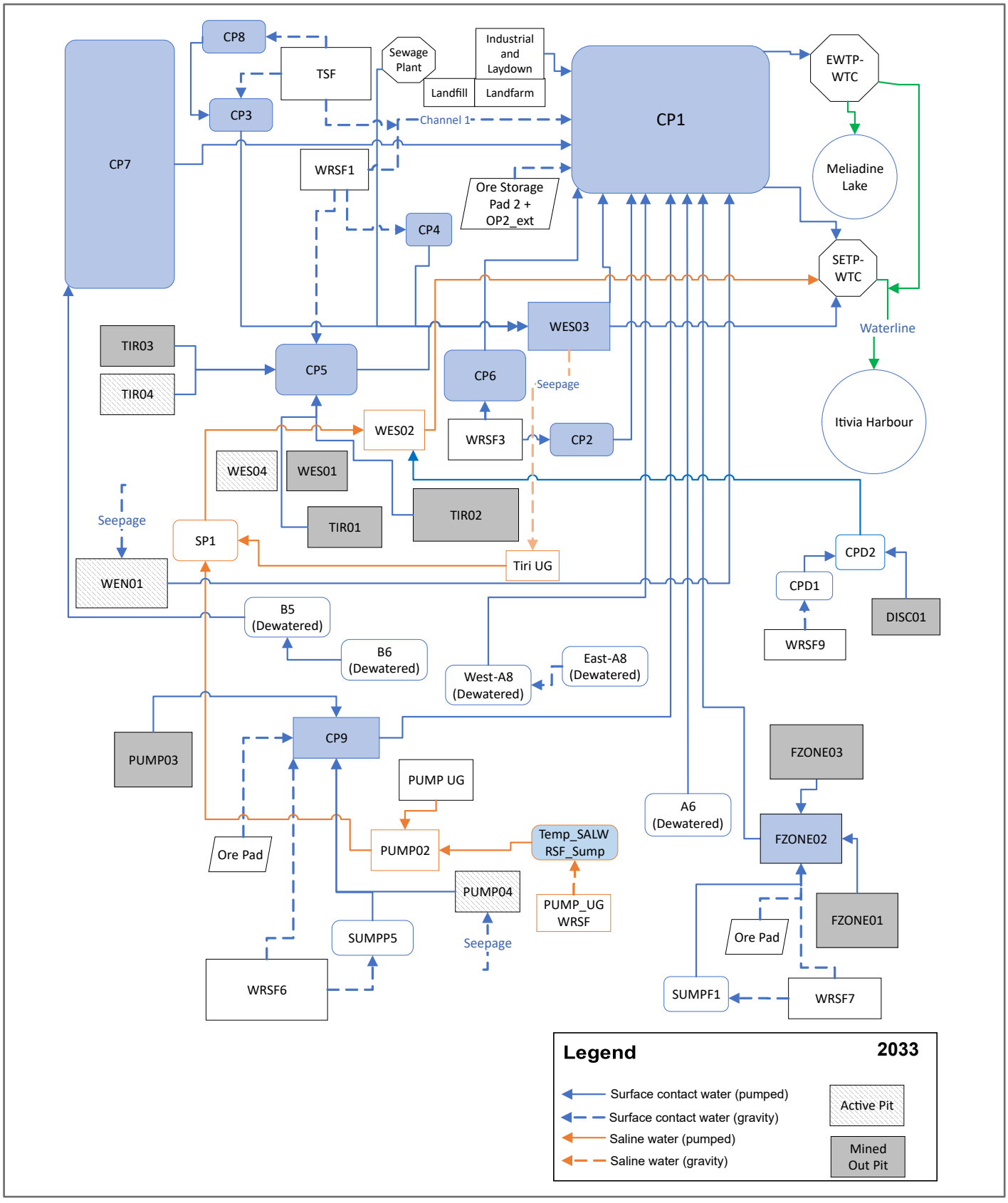

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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

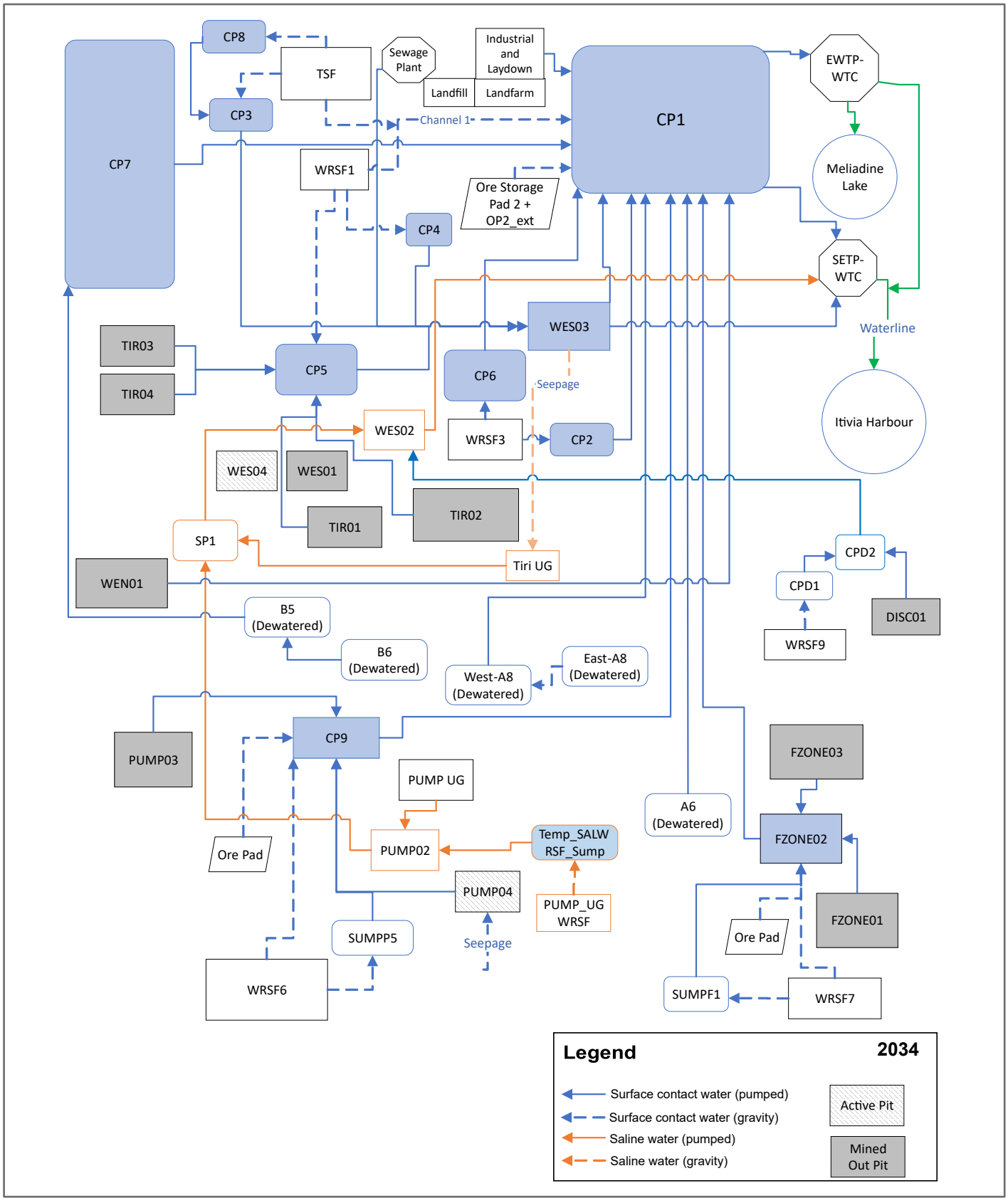
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2033

PROJECT #: A667-5

FIGURE: B1.8

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx



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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

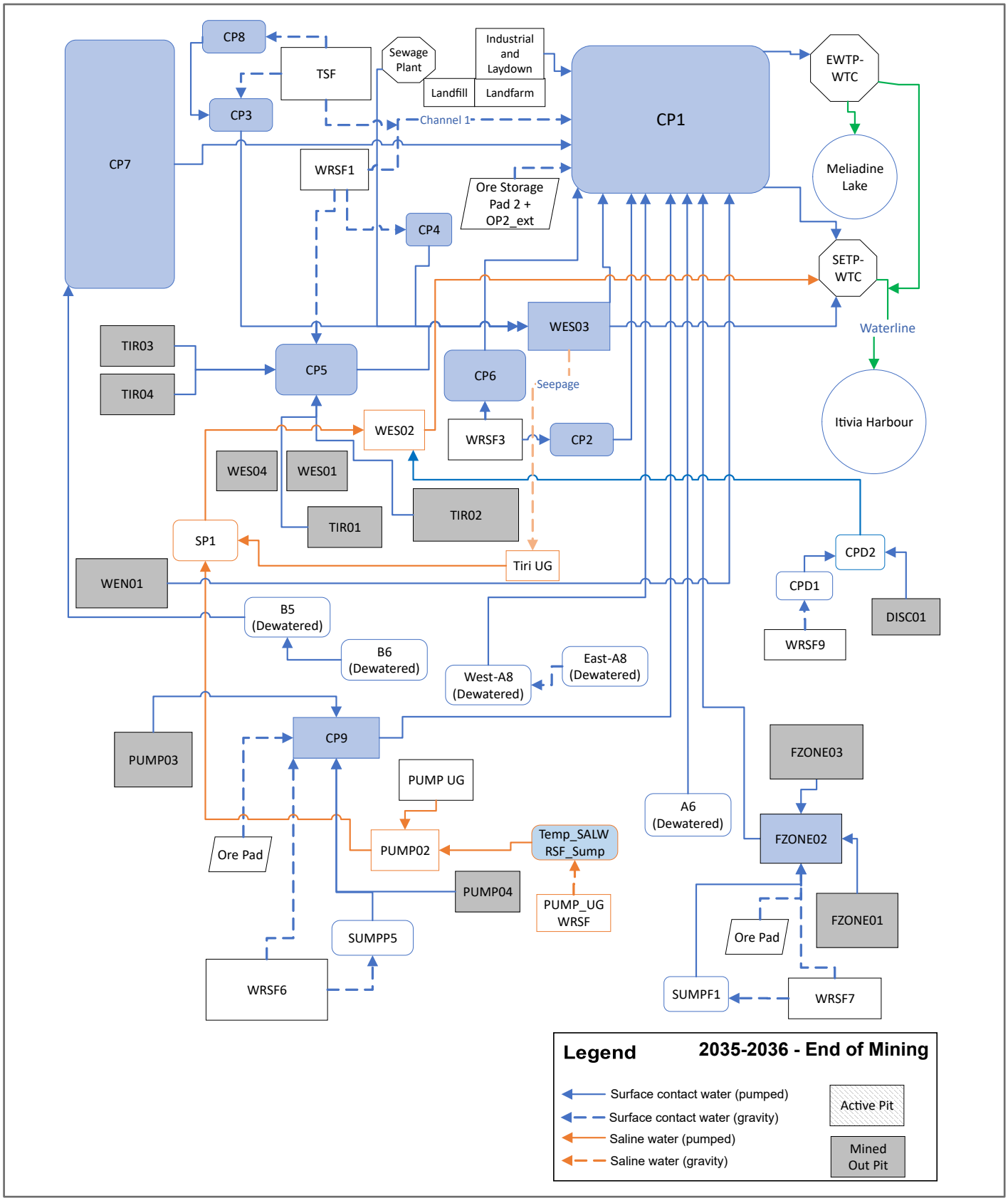
PROJECT: **Meliadine Mine: 2026 Operational Update**

TITLE: Water Management Flow Diagram - 2034

PROJECT #: A667-5

FIGURE: B1.9

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx



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LORAX ENVIRONMENTAL

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

TITLE: Water Management Flow Diagram - 2035-2036 EOM

PROJECT #: A667-5

FIGURE: B1.10

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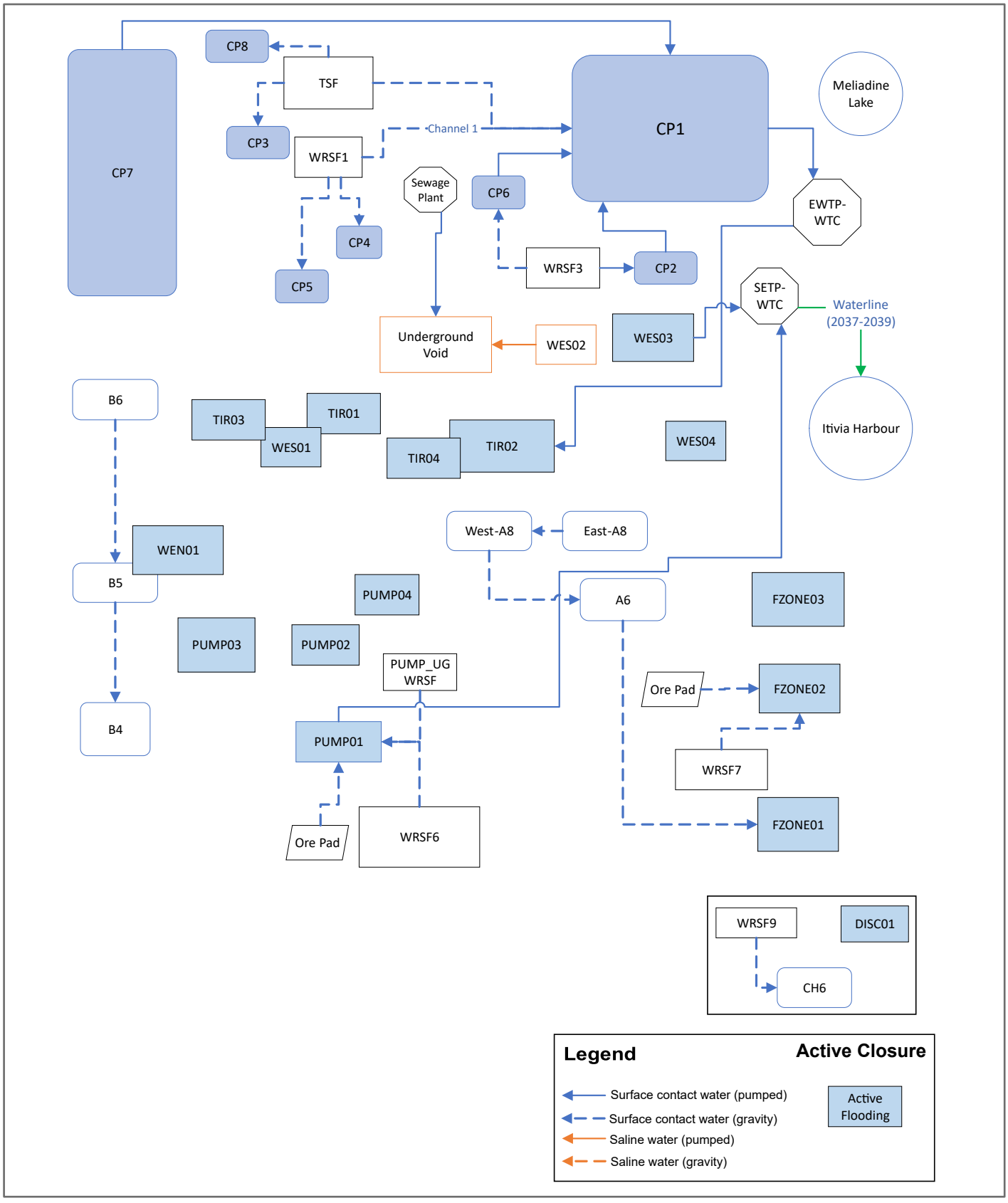

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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

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

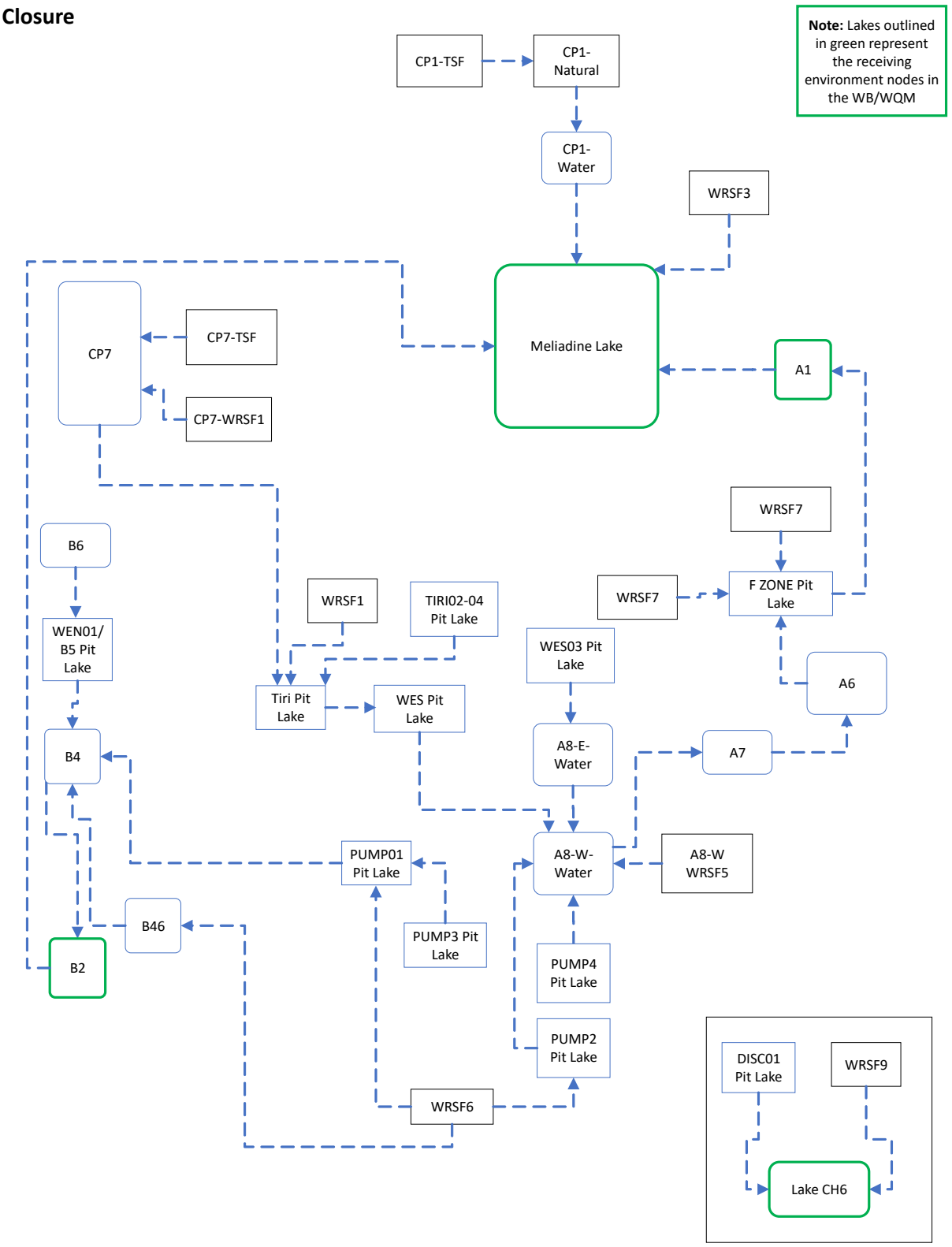
TITLE: Water Management Flow Diagram - Active Closure

PROJECT #: A667-5

FIGURE: B1.11

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx

Closure



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CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

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

TITLE: Water Management Flow Diagram - Closure

PROJECT #: A667-5

FIGURE: B1.12

P:\@202506\Meliadine\Drafting Figures\APRX\2026 Operational Update Flow Diagrams.aprx

Appendix C: Water Quality Model Updates

APPENDIX C.1: SOURCE TERMS

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

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C.1: SOURCE TERMS

Appendix C.1-1: STP

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

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

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

Appendix C.1-2: Disturbed Area

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

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

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

Appendix C.1-3: Mine Facilities

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

Appendix C.1-3: Mine Facilities

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

Appendix C.1-4: Ore Pad

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

Appendix C.1-4: Ore Pad

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

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
DIS01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2887	1.13	4.40	0.125	1781	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	534	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2030	2887	1.13	4.40	0.125	1781	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	534	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2031	2887	1.13	4.40	0.125	1781	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	534	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2032	2595	0.99	3.85	0.109	1556	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	467	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2033	2340	0.86	3.36	0.096	1360	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	408	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2034	2117	0.76	2.94	0.083	1189	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	356	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2035	1922	0.66	2.57	0.073	1039	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	312	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2036	1752	0.58	2.25	0.064	908	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	272	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2037	1603	0.58	2.25	0.064	794	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	238	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2038	1473	0.58	2.25	0.064	694	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	208	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2039	1359	0.58	2.25	0.064	607	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	182	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2040	1260	0.58	2.25	0.064	530	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	159	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2041	1173	0.58	2.25	0.064	463	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	139	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2042	1097	0.58	2.25	0.064	405	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	121	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2043	1031	0.58	2.25	0.064	354	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	106	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
2044+	1031	0.58	2.25	0.064	354	0.304	438	0	0	0.0000012	0.0140	0.00708	0.527	0.0679	0.000015	44	0.000114	0.00764	0.00063732	0.00253	0.0174	0.000045	36.1	23.9	0.225	0.0182	106	0.0335	0.00225	0.000070	0.00261	0.00119	1.78	0.0000056	0.0144	0.0010	0.00253	0
FZO01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	2847	1.13	4.40	0.125	1648	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	494	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2029	2847	1.13	4.40	0.125	1648	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	494	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2030	2847	1.13	4.40	0.125	1648	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	494	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2031	2576	0.99	3.85	0.109	1441	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	432	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2032	2340	0.86	3.36	0.096	1259	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	378	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2033	2133	0.76	2.94	0.083	1101	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	330	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2034	1953	0.66	2.57	0.073	962	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	288	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2035	1795	0.58	2.25	0.064	841	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	252	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2036	1657	0.50	1.96	0.056	735	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	220	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2037	1537	0.50	1.96	0.056	643	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	193	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2038	1432	0.50	1.96	0.056	562	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	168	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2039	1340	0.50	1.96	0.056	491	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	147	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2040	1259	0.50	1.96	0.056	429	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	129	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2041	1189	0.50	1.96	0.056	375	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	112	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2042	1128	0.50	1.96	0.056	328	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	98	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2043	1074	0.50	1.96	0.056	287	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	86	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
2044+	1074	0.50	1.96	0.056	287	0.282	577	0	0	0.0000005	0.0120	0.00276	0.488	0.0092	0.000005	58	0.000102	0.00097	0.00096996	0.00744	0.0185	0.000045	6.6	31.5	0.223142566	0.0077	86	0.0619	0.00223	0.000029	0.00259	0.00121	0.67	0.0000018	0.0018	0.0024	0.00385	0
FZO02																																						
2020	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2021	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2022	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2023	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2024	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2025	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2026	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2027	0	0.00	0.00	0.000	0	0.000	0	0	0	0.0000000	0.0000	0.00000	0.000	0.0000	0.000000	0	0.000000	0.00000	0	0.00000	0.0000	0	0.0	0.0	0	0.0000	0	0.0000	0.00000	0.000000	0.00000	0.00000	0.00	0.0000000	0.0000	0.0000	0.00000	0
2028	3105	1.13	4.40	0.125	1297	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	389	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2029	2893	0.99	3.85	0.109	1133	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	340	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2030	2707	0.86	3.36	0.096	991	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	297	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2031	2544	0.76	2.94	0.083	866	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	260	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2032	2402	0.66	2.57	0.073	757	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	227	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2033	2278	0.58	2.25	0.064	662	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	198	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2034	2169	0.50	1.96	0.056	578	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	173	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2035	2074	0.44	1.72	0.049	505	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	152	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2036	1991	0.39	1.50	0.043	442	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	132	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2037	1919	0.39	1.50	0.043	386	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	116	0.0554	0.00223	0.000029	0.00258	0.00127	0.60	0.0000016	0.0019	0.0021	0.00434	0
2038	1856	0.39	1.50	0.043	338	0.222	1197	0	0	0.0000005	0.0106	0.00436	0.384	0.0083	0.000004	121	0.000122	0.00097	0.00091031	0.00751	0.0196	0.000045	5.9	65.4	0.222615223	0.0083	101

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
FZO03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2581	1.13	4.40	0.125	1105	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	331	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2030	2399	0.99	3.85	0.109	966	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	290	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2031	2241	0.86	3.36	0.096	844	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	253	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2032	2102	0.76	2.94	0.083	738	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	221	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2033	1981	0.66	2.57	0.073	645	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	193	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2034	1875	0.58	2.25	0.064	564	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	169	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2035	1782	0.50	1.96	0.056	493	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	148	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2036	1701	0.44	1.72	0.049	431	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	129	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2037	1631	0.44	1.72	0.049	377	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	113	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2038	1569	0.44	1.72	0.049	329	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	99	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2039	1515	0.44	1.72	0.049	288	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	86	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2040	1468	0.44	1.72	0.049	251	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	75	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2041	1427	0.44	1.72	0.049	220	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	66	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2042	1391	0.44	1.72	0.049	192	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	58	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2043	1360	0.44	1.72	0.049	168	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	50	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
2044+	1360	0.44	1.72	0.049	168	0.189	958	0	0	0.0000005	0.0112	0.00375	0.327	0.0087	0.000004	97	0.000114	0.00097	0.00093624	0.00751	0.0192	0.000045	6.2	52.4	0.223461094	0.0081	50	0.0581	0.00223	0.000029	0.00259	0.00125	0.63	0.0000017	0.0019	0.0023	0.00416	0
WN01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	2800	1.13	4.40	0.125	1711	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	513	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2032	2800	1.13	4.40	0.125	1711	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	513	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2033	2800	1.13	4.40	0.125	1711	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	513	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2034	2520	0.99	3.85	0.109	1495	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	448	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2035	2275	0.86	3.36	0.096	1307	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	392	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2036	2060	0.76	2.94	0.083	1142	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	342	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2037	1873	0.76	2.94	0.083	999	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	299	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2038	1710	0.76	2.94	0.083	873	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	262	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2039	1567	0.76	2.94	0.083	763	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	229	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2040	1442	0.76	2.94	0.083	667	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	200	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2041	1333	0.76	2.94	0.083	583	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	175	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2042	1237	0.76	2.94	0.083	509	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	153	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2043	1154	0.76	2.94	0.083	445	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	133	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
2044+	1154	0.76	2.94	0.083	445	0.292	459	0	0	0.0000073	0.0119	0.00723	0.507	0.0254	0.000008	46	0.000100	0.00219	0.00082201	0.00641	0.0174	0.000045	15.8	25.1	0.225	0.0065	133	0.0656	0.00225	0.000048	0.00264	0.00120	1.08	0.0000024	0.0045	0.0020	0.00305	0
PUM01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	3253	1.13	4.40	0.125	1144	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	343	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2026	3065	0.99	3.85	0.109	1000	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	300	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2027	2901	0.86	3.36	0.096	874	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	262	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2028	2757	0.76	2.94	0.083	764	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	229	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2029	2632	0.66	2.57	0.073	668	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	200	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2030	2522	0.58	2.25	0.064	584	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	175	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2031	2426	0.50	1.96	0.056	510	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	153	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2032	2343	0.44	1.72	0.049	446	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	134	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2033	2269	0.39	1.50	0.043	390	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	117	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2034	2205	0.34	1.31	0.037	341	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	102	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2035	2149	0.29	1.15	0.033	298	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	89	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2036	2101	0.26	1.00	0.028	260	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	78	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2037	2058	0.26	1.00	0.028	228	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	68	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2038	2021	0.26	1.00	0.028	199	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	60	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2039	1988	0.26	1.00	0.028	174	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	52	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2040	1960	0.26	1.00	0.028	152	0.196	1496	0	0	0.0000013	0.0101	0.00516	0.339	0.0083	0.000004	151	0.000133	0.00096	0.00084332	0.00757	0.0207	0.000045	5.8	81.8	0.225	0.0086	46	0.0513	0.00225	0.000033	0.00269	0.00131	0.66	0.0000016	0.0020	0.0020	0.00457	0
2041	1935	0.26	1.00	0.028	133	0.196	1496	0	0	0.0000013	0.0101

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
PUM02																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	3264	1.13	4.40	0.125	1260	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	378	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2026	3264	1.13	4.40	0.125	1260	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	378	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2027	3057	0.99	3.85	0.109	1102	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	330	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2028	2876	0.86	3.36	0.096	963	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	289	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2029	2718	0.76	2.94	0.083	842	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	252	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2030	2580	0.66	2.57	0.073	736	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	221	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2031	2459	0.58	2.25	0.064	643	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	193	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2032	2354	0.50	1.96	0.056	562	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	168	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2033	2261	0.44	1.72	0.049	491	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	147	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2034	2181	0.39	1.50	0.043	429	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	129	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2035	2110	0.34	1.31	0.037	375	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	113	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2036	2049	0.29	1.15	0.033	328	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	98	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2037	1995	0.29	1.15	0.033	287	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	86	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2038	1948	0.29	1.15	0.033	251	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	75	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2039	1907	0.29	1.15	0.033	219	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	66	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2040	1871	0.29	1.15	0.033	191	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	57	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2041	1840	0.29	1.15	0.033	167	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	50	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2042	1812	0.29	1.15	0.033	146	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	44	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2043	1789	0.29	1.15	0.033	128	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	38	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
2044+	1789	0.29	1.15	0.033	128	0.215	1375	0	0	0.0000005	0.0104	0.00484	0.373	0.0081	0.000004	139	0.000128	0.00098	0.00090482	0.00762	0.0202	0.000045	5.7	75.2	0.225	0.0085	38	0.0543	0.00225	0.000030	0.00261	0.00130	0.59	0.0000015	0.0019	0.0021	0.00452	0
PUM03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	2606	1.13	4.40	0.125	1390	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	417	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2031	2606	1.13	4.40	0.125	1390	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	417	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2032	2606	1.13	4.40	0.125	1390	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	417	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2033	2378	0.99	3.85	0.109	1215	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	364	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2034	2178	0.86	3.36	0.096	1062	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	318	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2035	2004	0.76	2.94	0.083	928	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	278	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2036	1852	0.66	2.57	0.073	811	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	243	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2037	1719	0.66	2.57	0.073	709	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	213	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2038	1603	0.66	2.57	0.073	620	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	186	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2039	1502	0.66	2.57	0.073	542	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	162	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2040	1413	0.66	2.57	0.073	473	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	142	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2041	1336	0.66	2.57	0.073	414	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	124	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2042	1268	0.66	2.57	0.073	362	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	108	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2043	1209	0.66	2.57	0.073	316	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	95	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
2044+	1209	0.66	2.57	0.073	316	0.238	659	0	0	0.0000014	0.0119	0.00300	0.411	0.0096	0.000005	67	0.000106	0.00096	0.00091261	0.00743	0.0191	0.000045	6.8	36.0	0.224853258	0.0079	95	0.0597	0.00225	0.000033	0.00270	0.00123	0.76	0.0000018	0.0019	0.0024	0.00389	0
PUM04																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	2916	1.13	4.40	0.125	1197	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	359	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2033	2916	1.13	4.40	0.125	1197	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	359	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2034	2916	1.13	4.40	0.125	1197	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	359	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2035	2720	0.99	3.85	0.109	1047	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	314	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2036	2548	0.86	3.36	0.096	915	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	274	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2037	2398	0.86	3.36	0.096	800	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	240	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2038	2267	0.86	3.36	0.096	699	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	209	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2039	2153	0.86	3.36	0.096	611	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	183	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2040	2053	0.86	3.36	0.096	534	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	160	0.0525	0.00218	0.000033	0.00263	0.00124	0.69	0.0000017	0.0019	0.0021	0.00418	0
2041	1965	0.86	3.36	0.096	467	0.205	1145	0	0	0.0000015	0.0105	0.00422	0.355	0.0087	0.000004	116	0.000120	0.00093	0.00083147	0.00728	0.0196	0.000045	6.1	62.6	0.218444695	0.0081	140	0.0525	0.00218	0.000033	0.00263	0

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
TIRI01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2022	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2023	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2024	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2025	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2026	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2027	2791	1.13	4.40	0.125	1618	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	485	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2028	2526	0.99	3.85	0.109	1414	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	424	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2029	2294	0.86	3.36	0.096	1236	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	370	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2030	2091	0.76	2.94	0.083	1080	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	324	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2031	1914	0.66	2.57	0.073	944	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	283	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2032	1759	0.58	2.25	0.064	825	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	247	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2033	1624	0.50	1.96	0.056	721	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	216	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2034	1506	0.44	1.72	0.049	631	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	189	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2035	1402	0.39	1.50	0.043	551	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	165	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2036	1312	0.34	1.31	0.037	482	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	144	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2037	1233	0.34	1.31	0.037	421	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	126	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2038	1164	0.34	1.31	0.037	368	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	110	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2039	1104	0.34	1.31	0.037	322	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	96	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2040	1051	0.34	1.31	0.037	281	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	84	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2041	1005	0.34	1.31	0.037	246	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	74	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2042	965	0.34	1.31	0.037	215	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	64	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2043	930	0.34	1.31	0.037	188	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	56	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
2044+	930	0.34	1.31	0.037	188	0.277	545	0	0	0.0000044	0.0124	0.01032	0.479	0.0499	0.000012	55	0.000107	0.00481	0.00067201	0.00466	0.0152	0.000045	27.6	29.8	0.223444619	0.0100	56	0.0491	0.00223	0.000072	0.00252	0.00121	1.48	0.0000038	0.0087	0.0015	0.00263	0
TIRI02																																						
2020	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2021	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2022	2809	0.99	3.85	0.109	1387	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	416	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2023	2582	0.86	3.36	0.096	1212	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	363	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2024	2383	0.76	2.94	0.083	1059	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	318	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2025	2209	0.66	2.57	0.073	926	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	278	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2026	2057	0.58	2.25	0.064	809	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	243	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2027	1925	0.50	1.96	0.056	707	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	212	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2028	1809	0.44	1.72	0.049	618	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	185	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2029	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2030	3069	1.13	4.40	0.125	1586	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	476	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2031	2809	0.99	3.85	0.109	1387	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	416	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2032	2582	0.86	3.36	0.096	1212	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	363	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2033	2383	0.76	2.94	0.083	1059	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	318	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2034	2209	0.66	2.57	0.073	926	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	278	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2035	2057	0.58	2.25	0.064	809	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	243	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2036	1925	0.50	1.96	0.056	707	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	212	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2037	1809	0.50	1.96	0.056	618	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	185	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2038	1708	0.50	1.96	0.056	540	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	162	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2039	1619	0.50	1.96	0.056	472	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	142	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2040	1542	0.50	1.96	0.056	413	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	124	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2041	1474	0.50	1.96	0.056	361	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	108	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2042	1415	0.50	1.96	0.056	315	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	95	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2043	1364	0.50	1.96	0.056	276	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	83	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
2044+	1364	0.50	1.96	0.056	276	0.271	814	0	0	0.0000013	0.0119	0.01461	0.470	0.0704	0.000014	82	0.000108	0.00696	0.00041924	0.00242	0.0162	0.000045	36.6	44.5	0.225	0.0134	83	0.0265	0.00225	0.000096	0.00224	0.00129	1.87	0.0000048	0.0119	0.0007	0.00206	0
TIRI03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2030	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2031	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2032	2272	1.13	4.40	0.125	1217	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	365	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2033	2072	0.99	3.85	0.109	1064	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	319	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2034	1897	0.86	3.36	0.096	930	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	279	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270	0
2035	1745	0.76	2.94	0.083	813	0.208	545	0	0	0.0000043	0.0128	0.01022	0.360	0.0519	0.000012	55	0.000113	0.00536	0.00067941	0.00468	0.0151	0.000045	28.8	29.8	0.225	0.0113	244	0.0487	0.00225	0.000077	0.00261	0.00122	1.58	0.0000041	0.0095	0.0015	0.00270

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
TIRI04																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	2711	1.13	4.40	0.125	1474	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	442	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2032	2711	1.13	4.40	0.125	1474	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	442	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2033	2711	1.13	4.40	0.125	1474	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	442	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2034	2469	0.99	3.85	0.109	1288	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	386	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2035	2258	0.86	3.36	0.096	1126	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	337	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2036	2073	0.76	2.94	0.083	984	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	295	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2037	1912	0.76	2.94	0.083	860	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	258	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2038	1771	0.76	2.94	0.083	752	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	225	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2039	1648	0.76	2.94	0.083	657	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	197	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2040	1541	0.76	2.94	0.083	574	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	172	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2041	1447	0.76	2.94	0.083	502	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	151	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2042	1364	0.76	2.94	0.083	439	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	132	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2043	1293	0.76	2.94	0.083	384	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	115	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
2044+	1293	0.76	2.94	0.083	384	0.252	635	0	0	0.0000033	0.0124	0.01172	0.436	0.0574	0.000012	64	0.000109	0.00571	0.00059022	0.00392	0.0155	0.000045	31.0	34.7	0.22448154	0.0116	115	0.0414	0.00224	0.000082	0.00246	0.00124	1.64	0.0000042	0.0100	0.0012	0.00246	0
WES01																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	2412	1.13	4.40	0.125	1441	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	432	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2030	2412	1.13	4.40	0.125	1441	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	432	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2031	2176	0.99	3.85	0.109	1260	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	378	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2032	1969	0.86	3.36	0.096	1101	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	330	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2033	1789	0.76	2.94	0.083	962	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	288	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2034	1631	0.66	2.57	0.073	841	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	252	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2035	1493	0.58	2.25	0.064	735	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	220	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2036	1372	0.50	1.96	0.056	643	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	193	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2037	1267	0.50	1.96	0.056	562	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	168	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2038	1175	0.50	1.96	0.056	491	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	147	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2039	1095	0.50	1.96	0.056	429	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	129	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2040	1025	0.50	1.96	0.056	375	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	112	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2041	963	0.50	1.96	0.056	328	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	98	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2042	910	0.50	1.96	0.056	287	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	86	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2043	863	0.50	1.96	0.056	250	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	75	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
2044+	863	0.50	1.96	0.056	250	0.246	433	0	0	0.0000088	0.0114	0.00558	0.427	0.0107	0.000006	44	0.000093	0.00050	0.00086435	0.00724	0.0192	0.000045	8.4	23.7	0.224845669	0.0042	75	0.0724	0.00225	0.000034	0.00267	0.00120	0.86	0.0000016	0.0017	0.0023	0.00323	0
WES02																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	2684	1.13	4.40	0.125	1585	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	475	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2027	2684	1.13	4.40	0.125	1585	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	475	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2028	2424	0.99	3.85	0.109	1386	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	415	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2029	2197	0.86	3.36	0.096	1211	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	363	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2030	1998	0.76	2.94	0.083	1059	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	317	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2031	1825	0.66	2.57	0.073	925	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	277	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2032	1673	0.58	2.25	0.064	809	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	242	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2033	1540	0.50	1.96	0.056	707	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	212	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2034	1424	0.44	1.72	0.049	618	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	185	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2035	1323	0.39	1.50	0.043	540	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	162	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2036	1234	0.34	1.31	0.037	472	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	142	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2037	1157	0.34	1.31	0.037	413	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	124	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2038	1089	0.34	1.31	0.037	361	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	108	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2039	1030	0.34	1.31	0.037	315	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	95	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2040	979	0.34	1.31	0.037	276	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.00062	0.00093498	0.00682	0.0204	0.000045	7.5	27.7	0.224794603	0.0047	83	0.0762	0.00225	0.000035	0.00262	0.00122	0.88	0.0000015	0.0018	0.0022	0.00317	0
2041	934	0.34	1.31	0.037	241	0.271	506	0	0	0.0000085	0.0108	0.00631	0.469	0.0097	0.000006	51	0.000092	0.

Appendix C.1-5: Pit Walls

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
WES03																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	2820	1.13	4.40	0.125	1505	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	451	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2027	2820	1.13	4.40	0.125	1505	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	451	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2028	2573	0.99	3.85	0.109	1316	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	394	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2029	2357	0.86	3.36	0.096	1150	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	345	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2030	2169	0.76	2.94	0.083	1005	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	301	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2031	2004	0.66	2.57	0.073	879	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	263	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2032	1859	0.58	2.25	0.064	768	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	230	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2033	1733	0.50	1.96	0.056	671	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	201	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2034	1623	0.44	1.72	0.049	587	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	176	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2035	1527	0.39	1.50	0.043	513	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	154	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2036	1443	0.34	1.31	0.037	448	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	134	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2037	1370	0.34	1.31	0.037	392	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	117	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2038	1305	0.34	1.31	0.037	343	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	103	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2039	1249	0.34	1.31	0.037	299	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	90	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2040	1200	0.34	1.31	0.037	262	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	78	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2041	1158	0.34	1.31	0.037	229	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	69	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2042	1120	0.34	1.31	0.037	200	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	60	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2043	1087	0.34	1.31	0.037	175	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	52	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
2044+	1087	0.34	1.31	0.037	175	0.257	714	0	0	0.0000077	0.0098	0.00783	0.446	0.0090	0.000005	72	0.000090	0.00094	0.00079372	0.00634	0.0223	0.000045	6.8	39.1	0.224654114	0.0055	52	0.0659	0.00225	0.000035	0.00232	0.00128	0.84	0.0000013	0.0019	0.0019	0.00302	0
WES04																																						
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	1724	1.13	4.40	0.125	915	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	274	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2035	1574	0.99	3.85	0.109	800	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	240	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2036	1442	0.86	3.36	0.096	699	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	210	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2037	1328	0.86	3.36	0.096	611	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	183	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2038	1228	0.86	3.36	0.096	534	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	160	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2039	1140	0.86	3.36	0.096	467	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	140	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2040	1064	0.86	3.36	0.096	408	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	122	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2041	997	0.86	3.36	0.096	357	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	107	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2042	939	0.86	3.36	0.096	312	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	93	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2043	888	0.86	3.36	0.096	272	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	82	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0
2044+	888	0.86	3.36	0.096	272	0.156	429	0	0	0.0000088	0.0116	0.00491	0.271	0.0109	0.000006	43	0.000096	0.00055	0.00074612	0.00713	0.0198	0.000045	8.3	23.4	0.225	0.0051	82	0.0651	0.00225	0.000040	0.00280	0.00120	1.01	0.0000018	0.0018	0.0023	0.00321	0

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
WRSF1																																						
2020	4400	3.660	8.430	0.4650	1080.0	0.756	785	0	0	0.0000038	0.044	0.033	1.310	0.166	0.0000332	143	0.000261	0.0136	0.00131	0.0143	0.0291	0.000100	88.0	77.5	0.50	0.041	708.0	0.0744	0.0050	0.000217	0.00560	0.0015	4.19	0.0000117	0.01824	0.00218	0.00514	0
2021	4323	3.660	16.860	0.4650	1416.0	0.756	772	0	0	0.0000045	0.036	0.032	1.310	0.158	0.0000321	141	0.000258	0.0129	0.00133	0.0152	0.0298	0.000100	84.2	76.1	0.50	0.032	696.0	0.0774	0.0050	0.000210	0.00468	0.0015	4.06	0.0000112	0.01736	0.00232	0.00523	0
2022	4576	5.490	42.150	0.4650	1896.0	0.756	976	0	0	0.0000061	0.037	0.030	1.310	0.149	0.0000310	126	0.000257	0.0120	0.00146	0.0175	0.0291	0.000100	80.2	68.0	0.50	0.030	936.0	0.0876	0.0050	0.000198	0.00482	0.0025	3.88	0.0000108	0.02050	0.00269	0.00550	0
2023	5423	8.000	39.360	0.4070	1932.0	0.756	1148	0	0	0.0000061	0.029	0.030	1.310	0.149	0.0000310	126	0.000257	0.0120	0.00146	0.0175	0.0291	0.000100	80.2	68.0	0.50	0.030	908.0	0.0876	0.0050	0.000198	0.00578	0.0025	3.88	0.0000108	0.02255	0.00269	0.00550	0
2024	4930	5.600	27.950	0.3550	1694.0	0.756	861	0	0	0.0000061	0.033	0.030	1.310	0.149	0.0000310	126	0.000257	0.0120	0.00146	0.0175	0.0291	0.000100	80.2	68.0	0.50	0.030	793.0	0.0745	0.0050	0.000198	0.00578	0.0025	3.88	0.0000108	0.02255	0.00269	0.00550	0
2025	3439	4.895	24.430	0.3103	1480.7	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	693.1	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2026	3163	4.278	21.354	0.2712	1294.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	605.9	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2027	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2028	4644	6.396	36.079	0.4066	2031.5	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1335.0	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2029	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2030	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2031	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2032	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2033	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2034	5134	7.317	41.277	0.4652	2324.2	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1527.3	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2035	4644	6.396	36.079	0.4066	2031.5	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1335.0	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2036	4215	5.590	31.536	0.3554	1775.7	0.756	874	0	0	0.0000138	0.030	0.021	1.310	0.078	0.0000210	192	0.000229	0.0319	0.00171	0.0177	0.0369	0.000100	45.4	103.5	0.50	0.019	1166.9	0.1144	0.0050	0.000128	0.00563	0.0025	2.77	0.0000067	0.01121	0.00403	0.00644	0
2037	3829	4.886	27.565	0.3106	1552.1	0.749	866	0	0	0.0000136	0.030	0.021	1.297	0.077	0.0000208	190	0.000227	0.0315	0.00170	0.0175	0.0365	0.000099	45.0	102.5	0.50	0.018	1019.9	0.1133	0.0050	0.000127	0.00557	0.0025	2.75	0.0000066	0.01110	0.00399	0.00638	0
2038	3490	4.271	24.093	0.2715	1356.6	0.742	857	0	0	0.0000135	0.030	0.021	1.285	0.076	0.0000206	188	0.000225	0.0312	0.00168	0.0173	0.0362	0.000098	44.6	101.5	0.49	0.018	891.5	0.1122	0.0049	0.000126	0.00552	0.0025	2.72	0.0000065	0.01099	0.00395	0.00632	0
2039	3192	3.733	21.059	0.2373	1185.8	0.734	849	0	0	0.0000134	0.030	0.021	1.272	0.076	0.0000204	186	0.000223	0.0309	0.00166	0.0172	0.0358	0.000097	44.1	100.5	0.49	0.018	779.2	0.1111	0.0049	0.000125	0.00547	0.0024	2.69	0.0000065	0.01088	0.00392	0.00626	0
2040	2930	3.263	18.407	0.2074	1036.5	0.727	841	0	0	0.0000132	0.029	0.020	1.260	0.075	0.0000202	184	0.000221	0.0306	0.00165	0.0170	0.0355	0.000096	43.7	99.6	0.48	0.018	681.1	0.1100	0.0048	0.000124	0.00541	0.0024	2.67	0.0000064	0.01078	0.00388	0.00620	0
2041	2700	2.852	16.089	0.1813	906.0	0.720	832	0	0	0.0000131	0.029	0.020	1.247	0.074	0.0000200	182	0.000218	0.0303	0.00163	0.0168	0.0351	0.000095	43.3	98.6	0.48	0.018	595.3	0.1090	0.0048	0.000122	0.00536	0.0024	2.64	0.0000063	0.01067	0.00384	0.00614	0
2042	2498	2.493	14.063	0.1585	791.9	0.713	824	0	0	0.0000130	0.029	0.020	1.235	0.074	0.0000198	181	0.000216	0.0300	0.00161	0.0167	0.0348	0.000094	42.9	97.6	0.47	0.018	520.4	0.1079	0.0047	0.000121	0.00531	0.0024	2.61	0.0000063	0.01057	0.00380	0.00608	0
2043	2320	2.179	12.292	0.1385	692.2	0.706	816	0	0	0.0000128	0.028	0.020	1.223	0.073	0.0000197	179	0.000214	0.0297	0.00160	0.0165	0.0344	0.000093	42.4	96.7	0.47	0.017	454.8	0.1068	0.0047	0.000120	0.00526	0.0023	2.59	0.0000062	0.01047	0.00377	0.00602	0
2044	2163	1.905	10.744	0.1211	605.0	0.699	808	0	0	0.0000127	0.028	0.020	1.211	0.072	0.0000195	177	0.000212	0.0295	0.00158	0.0163	0.0341	0.000092	42.0	95.7	0.46	0.017	397.6	0.1058	0.0046	0.000119	0.00520	0.0023	2.56	0.0000062	0.01036	0.00373	0.00596	0
2045	2024	1.665	9.391	0.1058	528.8	0.693	800	0	0	0.0000126	0.028	0.019	1.200	0.071	0.0000193	175	0.000210	0.0292	0.00157	0.0162	0.0338	0.000092	41.6	94.8	0.46	0.017	347.5	0.1048	0.0046	0.000118	0.00515	0.0023	2.54	0.0000061	0.01026	0.00369	0.00590	0
2046	1902	1.455	8.209	0.0925	462.2	0.686	793	0	0	0.0000125	0.028	0.019	1.188	0.071	0.0000191	174	0.000208	0.0289	0.00155	0.0160	0.0334	0.000091	41.2	93.9	0.45	0.017	303.7	0.1038	0.0045	0.000116	0.00510	0.0023	2.51	0.0000060	0.01016	0.00366	0.00584	0
2047	1794	1.272	7.175	0.0809	404.0	0.679	785	0	0	0.0000124	0.027	0.019	1.176	0.070	0.0000189	172	0.000206	0.0286	0.00154	0.0159	0.0331	0.000090	40.8	93.0	0.45	0.017	265.5	0.1027	0.0045	0.000115	0.00505	0.0022	2.49	0.0000060	0.01006	0.00362	0.00579	0
2048	1698	1.112	6.271	0.0707	353.1	0.673	777	0	0	0.0000122	0.027	0.019	1.165	0.069	0.0000187	170	0.000204	0.0283	0.00152	0.0157	0.0328	0.000089	40.4	92.1	0.44	0.017	232.1	0.1017	0.0044	0.000114	0.00500	0.0022	2.47	0.0000059	0.00997	0.00359	0.00573	0
2049	1613	0.972	5.482	0.0618	308.7	0.666	770	0	0	0.0000121	0.027	0.019	1.153	0.069	0.0000185	169	0.000202	0.0281	0.00151	0.0156	0.0325	0.000088	40.0	91.2	0.44	0.016	202.8	0.1008	0.0044	0.000113	0.00496	0.0022	2.44	0.0000059	0.00987	0.00355	0.00567	0
2050	1537	0.849	4.791	0.0540	269.8	0.659	762	0	0	0.0000120	0.027	0.019	1.142	0.068	0.0000183	167	0.000200	0.0278	0.00149	0.0154	0.0322	0.000087	39.6	90.3	0.44	0.016	177.3	0.0998	0.0044	0.000112	0.00491	0.0022	2.42	0.0000058	0.00977	0.00352	0.00562	0
2051	1470	0.742	4.188	0.0472	235.8	0.653	755	0	0	0.0000119	0.026	0.018	1.131	0.067	0.0000182	165	0.000198	0.0275	0.00148	0.0153	0.0318	0.000086	39.2	89.4	0.43	0.016	155.0	0.0988	0.0043	0.000111	0.00486	0.0022	2.39	0.0000058	0.00968	0.00348	0.00556	0
2052	1410	0.649	3.661	0.0413	206.1	0.647	747	0	0	0.0000118	0.026	0.018	1.120	0.067	0.0000180	164	0.000196	0.0272	0.00146	0.0151	0.0315	0.000086	38.9	88.5	0.43	0.016	135.5	0.0978	0.0043	0.000110	0.00481	0.0021	2.37	0.0000057	0.00958	0.00345	0.00551	0
2053	1357	0.567	3.200	0.0361	180.2	0.640	740	0	0	0.0000116	0.026	0.018	1.109	0.066	0.0000178	162	0.000194	0.0270	0.00145	0.0150	0.0312	0.000085	38.5	87.7	0.42	0.016	118.4	0.0969	0.0042	0.000109	0.00477	0.0021	2.35	0.0000056	0.00949	0.00341	0.00546	0
2054	1309	0.496	2.797	0.0315	157.5	0.634	733	0	0	0.0000115	0.026	0.018	1.098	0.065	0.0000176	161	0.000192	0.0267	0.00144	0.0148	0.0309	0.000084	38.1	86.8	0.42	0.016	103.5	0.0959	0.0042	0.000108	0.00472	0.0021	2.32	0.0000056	0.00940	0.00338	0.00540	0
2055	1265	0.433	2.445	0.0275	137.6	0.628	726	0	0	0.0000114	0.025	0.018	1.088	0.065	0.0000175	159	0.000190	0.0265	0.00142	0.0147	0.0306	0.000083	37.7	86.0	0.42	0.016	90.5	0.0950	0.0042	0.000107	0.00467	0.0021	2.30	0.0000055	0.00931	0.00335	0.00535	0
2056	1227	0.379	2.137	0.0241	120.3	0.622	719	0	0	0.0000113	0.025	0.017	1.077	0.064	0.0000173	158	0.000189	0.0262	0.00141	0.0145	0.0303	0.000082	37.4	85.1	0.41	0.015	79.1	0.0941	0.0041	0.000106	0.00463	0.0021	2.28	0.0000055	0.00921	0.00332	0.00530	0
2057	1192	0.331	1.868	0.0210	105.2	0.616	712	0	0	0.0000112	0.025	0.017	1.067	0.063	0.0000171	156	0.000187	0.0259	0.00139	0.0144	0.0300	0.000081	37.0	84.3	0.41	0.015	69.1	0.0932	0.0041	0.000105	0.00458	0.0020	2.26	0.0000054	0.00913	0.00328	0.00525	0
2058	1160	0.289	1.632	0.0184	91.9	0.610	705	0	0	0.0000111	0.025	0.017	1.056	0.063	0.0000170	155	0.000185	0.0257	0.00138	0.0142	0.0297	0.000081	36.6	83.5	0.40	0.015	60.4	0.0923	0.0040	0.000104	0.00454	0.0020	2.24	0.0000054	0.00904	0.00325	0.00520	0
2059	1131	0.253	1.427	0.0161	80.3	0.604	698	0	0	0.0000110	0.024	0.017	1.046	0.062	0.0000168	153	0.000183	0.0254	0.00137	0.0141	0.0294	0.000080	36.3	82.7	0.40	0.015	52.8	0.0914	0.0040	0.000103	0.00449	0.0020	2.21	0.0000053	0.00895	0.00322	0.00514	0
2060	1104	0.221	1.247	0.0141	70.2	0.598	691	0	0	0.0000109	0.024	0.017	1.036	0.062	0.0000166	152	0.000181	0.0252	0.00135	0.0140	0.0292	0.000079	35.9	81.9	0.40	0.015	46.1	0.0905	0.0040	0.000102	0.00445	0.0020	2.19	0.0000053	0.00886	0.00319	0.00509	0
2061	1080	0.193	1.090	0.0123	61.4	0.592	684	0	0	0.0000108	0.024	0.017	1.026	0.061	0.0000165	150	0.000180	0.0249	0.00134	0.0138	0.0289	0.000078	35.6	81.1	0.39	0.015	40.3	0.0896	0.0039	0.000101	0.00441	0.0020	2.17	0.0000052	0.00877	0.00316	0.00504	0
2062	1058	0.169	0.953	0.0107	53.7	0.586	678	0	0	0.0000107	0.024	0.016	1.016	0.060	0.0000163	149	0.000178	0.0247	0.00133	0.0137	0.0286	0.000078	35.2	80.3	0.39	0.014	35.3	0.0887	0.0039	0.000100	0.00436	0.0019	2.15	0.0000052	0.00869	0.00313	0.00500	0
2063	1038	0.148	0.833	0.0094	46.9	0.581	671	0	0	0.0000106	0.023	0.016	1.006	0.060	0.0000162	147	0.000176	0.0245	0.00131	0.0136	0.0283	0.000077	34.9	79.5	0.38	0.014	30.8	0.0878	0.0038	0.000099	0.00432	0.0019	2.13	0.0000051	0.00860	0.00310	0.00495	0
2064	1019	0.129	0.728	0.0082	41.0	0.575	665	0	0	0.0000105	0.023	0.016	0.996	0.059	0.0000160	146	0.000174	0.0242	0.00130	0.0134	0.0280	0.000076	34.5	78.7	0.38	0.014	26.9	0.0870	0.0038	0.000098	0.00428	0.0019	2.11	0.0000051	0.00852	0.00307	0.00490	0
2065	1001	0.113	0.636	0.0072	35.8	0.569	658	0	0	0.0000104	0.023	0.016	0.986	0.059	0.0000158	144	0.000173	0.0240	0.00129	0.0133	0.0278	0.000075	34.2	77.9	0.38	0.014	23.5	0.0861	0.0038	0.000097	0.00424	0.0019	2.09	0.0000050	0.00844	0.00304	0.00485	0
2066	984	0.099	0.556	0.0063	31.3	0.564	652	0	0	0.0000103	0.023	0.016	0.977	0.058	0.0000157	143	0.000171	0.0238	0.00128	0.0132	0.0275	0.000075	33.9	77.2	0.37	0.014	20.6	0.0853	0.0037	0.000096	0.00420	0.0019	2.07	0.0000050	0.00836	0.00301	0.00480	0
2067	969	0.086	0.486	0.0055	27.4	0.558	645	0	0	0.0000102	0.022	0.016	0.967	0.058	0.0000155	141	0.000169	0.0235	0.00126	0.0130	0.0272	0.000074	33.5	76.4	0.37	0.014	18.0	0.0845	0.0037	0.000095	0.00416	0.0018	2.05	0.0000049	0.00827	0.00298	0.00476	0
2068	954	0.075	0.425	0.0048	23.9	0.553	639	0	0	0.0000101	0.022	0.016	0.958	0.057	0.0000154	140	0.000168	0.0233	0.00125	0.0129	0.0270	0.000073	33.2	75.7	0.37	0.014	15.7	0.0837	0.0037	0.000094	0.00411	0.0018	2.03	0.0000049	0.00819	0.00295	0.00471	0
2069	941	0.066	0.371	0.0042	20.9	0.548	633	0	0	0.0000100	0.022	0.015	0.948	0.056	0.0000152	139	0.000166	0.0231	0.00124	0.0128	0.0267	0.000072	32.9	75.0	0.36	0.014	13.7	0.0828	0.0036	0.000093	0.00407	0.0018	2.01	0.0000048	0.00811	0.00292	0.00466	0
2070	928	0.058	0.325	0.0037	18.3	0.542	627	0	0	0.0000099	0.022	0.015	0.939	0.056	0.0000151	137	0.000164	0.0228	0.00123	0.0127	0.0264	0.000072	32.6	74.2	0.36	0.013	12.0	0.0820	0.0036	0.000092	0.00404	0.0018	1.99	0.0000048	0.00803	0.00289	0.00462	0
2071	915	0.050	0.284	0.0032	16.0	0.537	621	0	0	0.0000098	0.022	0.015	0.930	0.055	0.0000149	136	0.000163	0.0226	0.00122	0.0125	0.0262	0.000071	32.3	73.5	0.35	0.013	10.5	0.0812	0.0035	0.000091	0.00400	0.0018	1.97	0.0000047	0.00796	0.00286	0.00457	0
2072	904	0.044	0.248	0.0028	14.0	0.532	614	0	0	0.0000097	0.021	0.015	0.921	0.055	0.0000148	135	0.000161	0.0224	0.00120	0.0124	0.0259	0.000070	31.9	72.8	0.35	0.013	9.2	0.0804	0.0035	0.000090	0.00396	0.0018	1.95	0.0000047	0.00788	0.00283	0.00453	0
2073	892	0.038	0.217	0.0024	12.2	0.527	608	0	0	0.0000096	0.021	0.015	0.912	0.054	0.0000147	133	0.000160	0.0222	0.00119	0.0123	0.0257	0.000070	31.6	72.1	0.35	0.013	8.0	0.0797	0.0035	0.000089	0.00392	0.0017	1.93	0.0000046	0.00780	0.00281	0.00449	0
2074	882	0.034	0.189	0.0021	10.7	0.521	603	0	0	0.0000095	0.021	0.015	0.903	0.054	0.0000145	132	0.000158	0.0220	0.00118	0.0122	0.0254	0.000069	31.3	71.4	0.34	0.013	7.0	0.0789	0.0034	0.000089	0.00388	0.0017	1.91	0.0000046	0.00773	0.00278	0.00444	0
2075	871	0.029	0.166	0.0019	9.3	0.516	597	0	0	0.0000094	0.021	0.015	0.894	0.053	0.0000144	131	0.000157	0.0217	0.00117	0.0121	0.0252	0.000068	31.0	70.7	0.34	0.013	6.1	0.0781	0.0034	0.000088	0.00384	0.0017	1.89	0.0000045	0.00765	0.00275	0.00440	0
2076	861	0.026	0.145	0.0016	8.2	0.511	591	0	0	0.0000093	0.021	0.014	0.886	0.053	0.0000142	130	0.000155	0.0215	0.00116	0.0119	0.0249	0.000068	30.7	70.0	0.34	0.013	5.4	0.0773	0.0034	0.000087	0.00380	0.0017	1.87	0.0000045	0.00758	0.00273	0.00436	0
2077	851	0.022	0.127	0.0014	7.1	0.506	585	0	0	0.0000092	0.020	0.014	0.877	0.052	0.0000141	128	0.000154	0.0213	0.00115	0.0118	0.0247	0.000067	30.4	69.3	0.33	0.012	4.7	0.0766	0.0033	0.000086	0.00377	0.0017	1.86	0.0000045	0.00750	0.00270	0.00431	0
2078	842	0.020	0.111	0.0012	6.2	0.501	579	0	0	0.0000091	0.020	0.014	0.868	0.052	0.0000140	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.000066	30.1	68.6	0.33	0.012	4.1	0.0758	0.0033	0.000085	0.00373	0.0017	1.84	0.0000044	0.00743	0.00267	0.00427	0
2079	833	0.017	0.097	0.0011	5.4	0.496	574	0	0	0.0000090	0.020	0.014	0.860	0.051	0.0000138	126	0.000151	0.0209	0.00112	0.0116	0.0242	0.000066	29.8	68.0	0.33	0.012	3.6	0.0751	0.0033	0.000084	0.00369	0.0016	1.82	0.0000044	0.00736	0.00265	0.00423	0
2080	824	0.015	0.085	0.0010	4.8	0.492	568	0	0	0.0000089	0.020	0.014	0.852	0.051	0.0000137	125	0.000149	0.0207	0.00111	0.0115	0.0240	0.000065	29.5	67.3	0.33	0.012	3.1	0.0744	0.0033	0.000084	0.00366	0.0016	1.80	0.0000043	0.00729	0.00262	0.00419	0
2081	815	0.013	0.074	0.0008	4.2	0.487	563	0	0	0.0000089	0.020	0.014	0.843	0.050	0.0000135	123	0.000148	0.0205	0.00110	0.0114	0.0237	0.000064	29.3	66.6	0.32	0.012	2.7	0.0737	0.0032	0.000083	0.00362	0.0016	1.78	0.0000043	0.00721	0.00260	0.00415	0
2082	807	0.011	0.065	0.0007	3.6	0.482	557	0	0	0.0000088	0.019	0.014	0.835	0.050	0.0000134	122	0.000146	0.0203	0.00109	0.0113	0.0235	0.000064	29.0	66.0	0.32	0.012	2.4	0.0729	0.0032	0.000082	0.00359	0.0016	1.77

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2026	12434	7.317	26.267	0.4652	6194.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	4070.4	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2027	12434	7.317	26.267	0.4652	6194.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	4070.4	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2028	11138	6.396	22.959	0.4066	5414.1	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	3557.9	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2029	10006	5.590	20.068	0.3554	4732.3	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	3109.8	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2030	9015	4.886	17.541	0.3106	4136.4	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	2718.2	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2031	8150	4.271	15.332	0.2715	3615.5	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	2375.9	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2032	7394	3.733	13.401	0.2373	3160.2	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	2076.7	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2033	6732	3.263	11.714	0.2074	2762.2	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	1815.2	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2034	6155	2.852	10.239	0.1813	2414.4	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	1586.6	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2035	5649	2.493	8.949	0.1585	2110.4	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	1386.8	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2036	5208	2.179	7.822	0.1385	1844.6	0.756	1535	0	0	0.0000091	0.024	0.022	1.310	0.116	0.0000264	337	0.000232	0.0354	0.00132	0.0059	0.0350	0.000100	63.1	181.9	0.50	0.020	1212.2	0.1113	0.0050	0.000164	0.00571	0.0029	3.42	0.0000085	0.02230	0.00296	0.00553	0
2037	4801	1.905	6.837	0.1211	1612.3	0.749	1520	0	0	0.0000090	0.024	0.022	1.297	0.114	0.0000261	333	0.000230	0.0351	0.00131	0.0059	0.0346	0.000099	62.5	180.1	0.50	0.020	1059.5	0.1102	0.0050	0.000163	0.00565	0.0029	3.38	0.0000084	0.02209	0.00293	0.00547	0
2038	4444	1.665	5.976	0.1058	1409.3	0.742	1506	0	0	0.0000090	0.023	0.022	1.285	0.113	0.0000259	330	0.000227	0.0347	0.00129	0.0058	0.0343	0.000098	61.9	178.3	0.49	0.020	926.1	0.1091	0.0049	0.000161	0.00560	0.0028	3.35	0.0000083	0.02187	0.00290	0.00542	0
2039	4129	1.455	5.224	0.0925	1231.8	0.734	1491	0	0	0.0000089	0.023	0.022	1.272	0.112	0.0000256	327	0.000225	0.0344	0.00128	0.0057	0.0339	0.000097	61.3	176.6	0.49	0.020	809.5	0.1081	0.0049	0.000160	0.00554	0.0028	3.32	0.0000083	0.02166	0.00287	0.00537	0
2040	3851	1.272	4.566	0.0809	1076.7	0.727	1476	0	0	0.0000088	0.023	0.021	1.260	0.111	0.0000254	324	0.000223	0.0341	0.00127	0.0057	0.0336	0.000096	60.7	174.9	0.48	0.019	707.5	0.1070	0.0048	0.000158	0.00549	0.0028	3.29	0.0000082	0.02145	0.00284	0.00531	0
2041	3606	1.112	3.991	0.0707	941.1	0.720	1462	0	0	0.0000087	0.023	0.021	1.247	0.110	0.0000251	321	0.000221	0.0337	0.00126	0.0056	0.0333	0.000095	60.1	173.2	0.48	0.019	618.4	0.1060	0.0048	0.000156	0.00544	0.0028	3.25	0.0000081	0.02124	0.00282	0.00526	0
2042	3389	0.972	3.488	0.0618	822.6	0.713	1448	0	0	0.0000086	0.023	0.021	1.235	0.109	0.0000249	317	0.000219	0.0334	0.00124	0.0056	0.0330	0.000094	59.5	171.5	0.47	0.019	540.6	0.1049	0.0047	0.000155	0.00538	0.0027	3.22	0.0000080	0.02103	0.00279	0.00521	0
2043	3198	0.849	3.049	0.0540	719.0	0.706	1434	0	0	0.0000085	0.022	0.021	1.223	0.108	0.0000246	314	0.000217	0.0331	0.00123	0.0055	0.0326	0.000093	58.9	169.8	0.47	0.019	472.5	0.1039	0.0047	0.000153	0.00533	0.0027	3.19	0.0000079	0.02083	0.00276	0.00516	0
2044	3028	0.742	2.665	0.0472	628.5	0.699	1420	0	0	0.0000084	0.022	0.021	1.211	0.107	0.0000244	311	0.000214	0.0327	0.00122	0.0055	0.0323	0.000092	58.4	168.2	0.46	0.019	413.0	0.1029	0.0046	0.000152	0.00528	0.0027	3.16	0.0000079	0.02062	0.00273	0.00511	0
2045	2877	0.649	2.329	0.0413	549.3	0.693	1406	0	0	0.0000084	0.022	0.020	1.200	0.106	0.0000241	308	0.000212	0.0324	0.00121	0.0054	0.0320	0.000092	57.8	166.5	0.46	0.018	361.0	0.1019	0.0046	0.000150	0.00523	0.0027	3.13	0.0000078	0.02042	0.00271	0.00506	0
2046	2744	0.567	2.036	0.0361	480.1	0.686	1392	0	0	0.0000083	0.022	0.020	1.188	0.105	0.0000239	305	0.000210	0.0321	0.00120	0.0054	0.0317	0.000091	57.2	164.9	0.45	0.018	315.5	0.1009	0.0045	0.000149	0.00518	0.0026	3.10	0.0000077	0.02022	0.00268	0.00501	0
2047	2624	0.496	1.780	0.0315	419.7	0.679	1379	0	0	0.0000082	0.021	0.020	1.176	0.104	0.0000237	302	0.000208	0.0318	0.00118	0.0053	0.0314	0.000090	56.7	163.3	0.45	0.018	275.8	0.0999	0.0045	0.000148	0.00513	0.0026	3.07	0.0000076	0.02003	0.00265	0.00496	0
2048	2518	0.433	1.556	0.0275	366.8	0.673	1365	0	0	0.0000081	0.021	0.020	1.165	0.103	0.0000234	299	0.000206	0.0315	0.00117	0.0053	0.0311	0.000089	56.1	161.7	0.44	0.018	241.1	0.0989	0.0044	0.000146	0.00508	0.0026	3.04	0.0000076	0.01983	0.00263	0.00491	0
2049	2423	0.379	1.360	0.0241	320.6	0.666	1352	0	0	0.0000080	0.021	0.020	1.153	0.102	0.0000232	296	0.000204	0.0312	0.00116	0.0052	0.0308	0.000088	55.6	160.1	0.44	0.018	210.7	0.0980	0.0044	0.000145	0.00503	0.0026	3.01	0.0000075	0.01964	0.00260	0.00487	0
2050	2338	0.331	1.188	0.0210	280.3	0.659	1339	0	0	0.0000080	0.021	0.019	1.142	0.101	0.0000230	294	0.000202	0.0309	0.00115	0.0052	0.0305	0.000087	55.0	158.6	0.44	0.018	184.2	0.0970	0.0044	0.000143	0.00498	0.0025	2.98	0.0000074	0.01945	0.00258	0.00482	0
2051	2261	0.289	1.039	0.0184	245.0	0.653	1326	0	0	0.0000079	0.021	0.019	1.131	0.100	0.0000228	291	0.000200	0.0306	0.00114	0.0051	0.0302	0.000086	54.5	157.0	0.43	0.017	161.0	0.0961	0.0043	0.000142	0.00493	0.0025	2.95	0.0000073	0.01926	0.00255	0.00477	0
2052	2192	0.253	0.908	0.0161	214.1	0.647	1313	0	0	0.0000078	0.020	0.019	1.120	0.099	0.0000225	288	0.000198	0.0303	0.00113	0.0051	0.0299	0.000086	54.0	155.5	0.43	0.017	140.7	0.0951	0.0043	0.000141	0.00488	0.0025	2.92	0.0000073	0.01907	0.00253	0.00473	0
2053	2130	0.221	0.794	0.0141	187.2	0.640	1300	0	0	0.0000077	0.020	0.019	1.109	0.098	0.0000223	285	0.000196	0.0300	0.00112	0.0050	0.0296	0.000085	53.4	154.0	0.42	0.017	123.0	0.0942	0.0042	0.000139	0.00483	0.0025	2.89	0.0000072	0.01888	0.00250	0.00468	0
2054	2073	0.193	0.694	0.0123	163.6	0.634	1287	0	0	0.0000077	0.020	0.019	1.098	0.097	0.0000221	282	0.000194	0.0297	0.00111	0.0050	0.0293	0.000084	52.9	152.5	0.42	0.017	107.5	0.0933	0.0042	0.000138	0.00479	0.0024	2.87	0.0000071	0.01870	0.00248	0.00463	0
2055	2022	0.169	0.606	0.0107	143.0	0.628	1275	0	0	0.0000076	0.020	0.019	1.088	0.096	0.0000219	279	0.000193	0.0294	0.00110	0.0049	0.0290	0.000083	52.4	151.0	0.42	0.017	94.0	0.0924	0.0042	0.000136	0.00474	0.0024	2.84	0.0000071	0.01852	0.00245	0.00459	0
2056	1975	0.148	0.530	0.0094	125.0	0.622	1262	0	0	0.0000075	0.020	0.018	1.077	0.095	0.0000217	277	0.000191	0.0291	0.00108	0.0049	0.0287	0.000082	51.9	149.5	0.41	0.017	82.1	0.0915	0.0041	0.000135	0.00469	0.0024	2.81	0.0000070	0.01834	0.00243	0.00454	0
2057	1931	0.129	0.463	0.0082	109.2	0.616	1250	0	0	0.0000074	0.019	0.018	1.067	0.094	0.0000215	274	0.000189	0.0288	0.00107	0.0048	0.0285	0.000081	51.4	148.1	0.41	0.016	71.8	0.0906	0.0041	0.000134	0.00465	0.0024	2.78	0.0000069	0.01816	0.00241	0.00450	0
2058	1892	0.113	0.405	0.0072	95.5	0.610	1238	0	0	0.0000074	0.019	0.018	1.056	0.093	0.0000213	271	0.000187	0.0285	0.00106	0.0048	0.0282	0.000081	50.9	146.6	0.40	0.016	62.7	0.0897	0.0040	0.000132	0.00460	0.0023	2.76	0.0000069	0.01798	0.00238	0.00446	0
2059	1855	0.099	0.354	0.0063	83.5	0.604	1226	0	0	0.0000073	0.019	0.018	1.046	0.092	0.0000211	269	0.000185	0.0283	0.00105	0.0047	0.0279	0.000080	50.4	145.2	0.40	0.016	54.8	0.0888	0.0040	0.000131	0.00456	0.0023	2.73	0.0000068	0.01781	0.00236	0.00441	0
2060	1821	0.086	0.309	0.0055	73.0	0.598	1214	0	0	0.0000072	0.019	0.018	1.036	0.091	0.0000208	266	0.000183	0.0280	0.00104	0.0047	0.0276	0.000079	49.9	143.8	0.40	0.016	47.9	0.0880	0.0040	0.000130	0.00451	0.0023	2.70	0.0000067	0.01763	0.00234	0.00437	0
2061	1790	0.075	0.270	0.0048	63.8	0.592	1202	0	0	0.0000071	0.019	0.017	1.026	0.090	0.0000206	264	0.000182	0.0277	0.00103	0.0046	0.0274	0.000078	49.4	142.4	0.39	0.016	41.9	0.0871	0.0039	0.000129	0.00447	0.0023	2.68	0.0000067	0.01746	0.00231	0.00433	0
2062	1760	0.066	0.236	0.0042	55.7	0.586	1190	0	0	0.0000071	0.019	0.017	1.016	0.090	0.0000204	261	0.000180	0.0275	0.00102	0.0046	0.0271	0.000078	48.9	141.0	0.39	0.016	36.6	0.0863	0.0039	0.000127	0.00443	0.0023	2.65	0.0000066	0.01729	0.00229	0.00428	0
2063	1733	0.058	0.207	0.0037	48.7	0.581	1179	0	0	0.0000070	0.018	0.017	1.006	0.089	0.0000202	258	0.000178	0.0272	0.00101	0.0045	0.0268	0.000077	48.4	139.6	0.38	0.015	32.0	0.0854	0.0038	0.000126	0.00438	0.0022	2.62	0.0000065	0.01712	0.00227	0.00424	0
2064	1707	0.050	0.181	0.0032	42.6	0.575	1167	0	0	0.0000069	0.018	0.017	0.996	0.088	0.0000200	256	0.000176	0.0269	0.00100	0.0045	0.0266	0.000076	48.0	138.3	0.38	0.015	28.0	0.0846	0.0038	0.000125	0.00434	0.0022	2.60	0.0000065	0.01696	0.00225	0.00420	0
2065	1682	0.044	0.158	0.0028	37.2	0.569	1156	0	0	0.0000069	0.018	0.017	0.986	0.087	0.0000198	253	0.000175	0.0267	0.00099	0.0045	0.0263	0.000075	47.5	136.9	0.38	0.015	24.5	0.0838	0.0038	0.000124	0.00430	0.0022	2.57	0.0000064	0.01679	0.00223	0.00416	0
2066	1659	0.038	0.138	0.0024	32.5	0.564	1145	0	0	0.0000068	0.018	0.017	0.977	0.086	0.0000197	251	0.000173	0.0264	0.00098	0.0044	0.0261	0.000075	47.0	135.6	0.37	0.015	21.4	0.0830	0.0037	0.000123	0.00426	0.0022	2.55	0.0000063	0.01663	0.00220	0.00412	0
2067	1636	0.034	0.121	0.0021	28.4	0.558	1133	0	0	0.0000067	0.018	0.016	0.967	0.085	0.0000195	249	0.000171	0.0261	0.00097	0.0044	0.0258	0.000074	46.6	134.3	0.37	0.015	18.7	0.0821	0.0037	0.000121	0.00421	0.0021	2.52	0.0000063	0.01646	0.00218	0.00408	0
2068	1615	0.029	0.105	0.0019	24.9	0.553	1122	0	0	0.0000067	0.018	0.016	0.958	0.084	0.0000193	246	0.000170	0.0259	0.00096	0.0043	0.0256	0.000073	46.1	133.0	0.37	0.015	16.3	0.0813	0.0037	0.000120	0.00417	0.0021	2.50	0.0000062	0.01630	0.00216	0.00404	0
2069	1595	0.026	0.092	0.0016	21.7	0.548	1111	0	0	0.0000066	0.017	0.016	0.948	0.084	0.0000191	244	0.000168	0.0256	0.00096	0.0043	0.0253	0.000072	45.7	131.7	0.36	0.015	14.3	0.0806	0.0036	0.000119	0.00413	0.0021	2.47	0.0000062	0.01615	0.00214	0.00400	0
2070	1576	0.022	0.081	0.0014	19.0	0.542	1101	0	0	0.0000065	0.017	0.016	0.939	0.083	0.0000189	241	0.000166	0.0254	0.00095	0.0042	0.0251	0.000072	45.2	130.4	0.36	0.014	12.5	0.0798	0.0036	0.000118	0.00409	0.0021	2.45	0.0000061	0.01599	0.00212	0.00396	0
2071	1557	0.020	0.070	0.0012	16.6	0.537	1090	0	0	0.0000065	0.017	0.016	0.930	0.082	0.0000187	239	0.000165	0.0251	0.00094	0.0042	0.0248	0.000071	44.8	129.1	0.35	0.014	10.9	0.0790	0.0035	0.000117	0.00405	0.0021	2.43	0.0000060	0.01583	0.00210	0.00392	0
2072	1539	0.017	0.062	0.0011	14.5	0.532	1079	0	0	0.0000064	0.017	0.016	0.921	0.081	0.0000185	237	0.000163	0.0249	0.00093	0.0042	0.0246	0.000070	44.4	127.8	0.35	0.014	9.5	0.0782	0.0035	0.000116	0.00401	0.0020	2.40	0.0000060	0.01568	0.00208	0.00389	0
2073	1521	0.015	0.054	0.0010	12.7	0.527	1069	0	0	0.0000064	0.017	0.016	0.912	0.080	0.0000184	234	0.000161	0.0247	0.00092	0.0041	0.0243	0.000070	43.9	126.6	0.35	0.014	8.3	0.0775	0.0035	0.000114	0.00397	0.0020	2.38	0.0000059	0.01553	0.00206	0.00385	0
2074	1504	0.013	0.047	0.0008	11.1	0.521	1058	0	0	0.0000063	0.017	0.015	0.903	0.080	0.0000182	232	0.000160	0.0244	0.00091	0.0041	0.0241	0.000069	43.5	125.4	0.34	0.014	7.3	0.0767	0.0034	0.000113	0.00393	0.0020	2.36	0.0000059	0.01537	0.00204	0.00381	0
2075	1488	0.011	0.041	0.0007	9.7	0.516	1048	0	0	0.0000062	0.016	0.015	0.894	0.079	0.0000180	230	0.000158	0.0242	0.00090	0.0040	0.0239	0.000068	43.1	124.1	0.34	0.014	6.4	0.0760	0.0034	0.000112	0.00390	0.0020	2.33	0.0000058	0.01522	0.00202	0.00377	0
2076	1471	0.010	0.036	0.0006	8.5	0.511	1038	0	0	0.0000062	0.016	0.015	0.886	0.078	0.0000178	228	0.000157	0.0239	0.00089	0.0040	0.0236	0.000068	42.7	122.9	0.34	0.014	5.6	0.0752	0.0034	0.000111	0.00386	0.0020	2.31	0.0000057	0.01508	0.00200	0.00374	0
2077	1456	0.009	0.031	0.0006	7.4	0.506	1028	0	0	0.0000061	0.016	0.015	0.877	0.077	0.0000176	225	0.000155	0.0237	0.00088	0.0040	0.0234	0.000067	42.2	121.7	0.33	0.013	4.9	0.0745	0.0033	0.000110	0.00382	0.0019	2.29	0.0000057	0.01493	0.00198	0.00370	0
2078	1440	0.008	0.027	0.0005	6.5	0.501	1018	0	0	0.0000061	0.016	0.015	0.868	0.077	0.0000175	223	0.000154	0.0235	0.00087	0.0039	0.0232	0.000066	41.8	120.6	0.33	0.013	4.3	0.0738	0.0033	0.000109	0.00378	0.0019	2.27	0.0000056	0.01478	0.00196	0.00366	0
2079	1425	0.007	0.024	0.0004	5.7	0.496	1008	0	0	0.0000060	0.016	0.015	0.860	0.076	0.0000173	221	0.000152	0.0232	0.00087	0.0039	0.0229	0.000066	41.4	119.4	0.33	0.013	3.7	0.0730	0.0033	0.000108	0.00375	0.0019	2.24	0.0000056	0.01464	0.00194	0.00363	0
2080	1411	0.006	0.021	0.0004	4.9	0.492	998	0	0	0.0000059	0.016	0.014	0.852	0.075	0.0000171	219	0.000151	0.0230	0.00086	0.0038	0.0227	0.000065	41.0	118.2	0.32	0.013	3.2	0.0723	0.0032	0.000107	0.00371	0.0019	2.22	0.0000055	0.01450	0.00192	0.00359	0
2081	1396	0.005	0.018	0.0003	4.3	0.487	988	0	0	0.0000059	0.015	0.014	0.843	0.074	0.0000170	217	0.000149	0.0228	0.00085	0.0038	0.0225	0.000064	40.6	117.1	0.32	0.013	2.8	0.0716	0.0032	0.000106	0.00367	0.0019	2.20	0.0000055	0.01436	0.00190	0.00356	0
2082	1382	0.004	0.016	0.0003	3.8	0.482	979	0	0	0.0000058	0.015	0.014	0.835	0.074	0.0000168	215	0.000148	0.0226	0.00084	0.0038	0.0223	0.000064	40.2	115.9	0.32	0.013	2.5	0.0709	0.0032	0.000105	0.00364	0.0019	2.18	0.0000054	0.01422	0.00188	0.00352	0
2083	1368	0.004	0.014	0.0002	3.3	0.477	969	0	0	0.0000058	0.015	0.014	0.827	0.073	0.0000166	212	0.000146	0.0224	0.00083	0.0037	0.0221	0.000063	39.8	114.8	0.32	0.013	2.2	0.0702	0.0032	0.000104	0.00360	0.0018	2.16	0.0000054	0.01408	0.00187	0.00349	0
2084	1354	0.003	0.012	0.0002	2.9	0.473	960	0	0	0.0000057	0.015	0.014	0.819	0.072	0.0000165	210	0.000145	0.0221	0.00082	0.0037	0.0219	0.000063	39.4	113.7	0.31	0.013	1.9	0.0696	0.0031	0.000103	0.00357	0.0018	2.14	0.0000053	0.01394	0.00185	0.00345	0
2085	1341	0.003	0.011	0.0002	2.5	0.468	950	0	0	0.0000057	0.015	0.014	0.811	0.071	0.0000163	208	0.000144	0.0219	0.00082	0.0037	0.0216	0.000062	39.1	112.6	0.31	0.012	1.7	0.0689	0.0031	0.000102	0.00353	0.0018	2.12	0.0000053	0.01380	0.00183	0.00342	0
2086	1328	0.003	0.009	0.0002	2.2	0.464	941	0	0	0.0000056	0.015	0.014	0.803	0.071	0.0000162	206	0.000142	0.0217	0.00081	0.0036	0.0214	0.000061	38.7	111.5	0.31	0.012	1.4	0.0682	0.0031	0.000101	0.00350	0.0018	2.10	0.0000052	0.01367	0.00181	0.00339	0
2087	1315	0.002	0.008	0.0001	1.9	0.459	932	0	0	0.0000055	0.015	0.014	0.795	0.070	0.0000160	204	0.000141	0.0215	0.00080	0.0036	0.0212	0.000061	38.3	110.4	0.30	0.012	1.3	0.0675	0.0030	0.000100	0.00346	0.0018	2.07	0.0000052	0.01354	0.00179	0.00335	0
2088	1302	0.002	0.007	0.0001	1.7	0.455	923	0	0	0.0000055	0.014	0.013	0.787	0.069	0.0000158	202	0.000139	0.0213	0.00079	0.0036	0.0210	0.000060	37.9	109.3	0.30	0.012	1.1	0.0669	0.0030	0.000099	0.

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2033	19521	7.317	33.772	0.4652	9455.2	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100	13.5	334.6	0.50	0.019	6213.4	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2034	17544	6.396	29.519	0.4066	8264.5	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100	13.5	334.6	0.50	0.019	5430.9	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2035	15816	5.590	25.802	0.3554	7223.7	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100	13.5	334.6	0.50	0.019	4747.0	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2036	14305	4.886	22.553	0.3106	6314.1	0.756	2825	0	0	0.0000027	0.024	0.010	1.310	0.019	0.0000101	619	0.000279	0.0067	0.00192	0.0167	0.0449	0.000100	13.5	334.6	0.50	0.019	4149.2	0.1191	0.0050	0.000073	0.00595	0.0029	1.50	0.0000037	0.00430	0.00473	0.00975	0
2037	12948	4.271	19.713	0.2715	5518.9	0.749	2798	0	0	0.0000027	0.023	0.010	1.297	0.019	0.0000100	613	0.000276	0.0066	0.00190	0.0166	0.0445	0.000099	13.3	331.4	0.49	0.019	3626.7	0.1179	0.0049	0.000072	0.00589	0.0028	1.49	0.0000036	0.00426	0.00469	0.00965	0
2038	11757	3.733	17.230	0.2373	4824.0	0.742	2770	0	0	0.0000026	0.023	0.010	1.285	0.019	0.0000099	607	0.000274	0.0065	0.00188	0.0164	0.0440	0.000098	13.2	328.2	0.49	0.018	3170.0	0.1168	0.0049	0.000071	0.00584	0.0028	1.47	0.0000036	0.00422	0.00464	0.00956	0
2039	10712	3.263	15.061	0.2074	4216.5	0.734	2743	0	0	0.0000026	0.023	0.010	1.272	0.019	0.0000098	601	0.000271	0.0065	0.00187	0.0162	0.0436	0.000097	13.1	325.0	0.48	0.018	2770.8	0.1156	0.0048	0.000071	0.00578	0.0028	1.46	0.0000036	0.00418	0.00460	0.00947	0
2040	9794	2.852	13.164	0.1813	3685.5	0.727	2717	0	0	0.0000026	0.023	0.010	1.260	0.018	0.0000097	596	0.000268	0.0064	0.00185	0.0161	0.0432	0.000096	12.9	321.8	0.48	0.018	2421.9	0.1145	0.0048	0.000070	0.00572	0.0027	1.44	0.0000035	0.00414	0.00455	0.00937	0
2041	8988	2.493	11.506	0.1585	3221.4	0.720	2690	0	0	0.0000026	0.022	0.010	1.247	0.018	0.0000096	590	0.000266	0.0064	0.00183	0.0159	0.0428	0.000095	12.8	318.7	0.48	0.018	2116.9	0.1134	0.0048	0.000069	0.00567	0.0027	1.43	0.0000035	0.00410	0.00451	0.00928	0
2042	8279	2.179	10.057	0.1385	2815.7	0.713	2664	0	0	0.0000025	0.022	0.010	1.235	0.018	0.0000095	584	0.000263	0.0063	0.00181	0.0158	0.0424	0.000094	12.7	315.6	0.47	0.018	1850.3	0.1123	0.0047	0.000069	0.00561	0.0027	1.41	0.0000035	0.00406	0.00446	0.00919	0
2043	7655	1.905	8.791	0.1211	2461.1	0.706	2638	0	0	0.0000025	0.022	0.010	1.223	0.018	0.0000094	578	0.000261	0.0062	0.00179	0.0156	0.0419	0.000093	12.6	312.5	0.47	0.017	1617.3	0.1112	0.0047	0.000068	0.00556	0.0027	1.40	0.0000034	0.00402	0.00442	0.00910	0
2044	7106	1.665	7.684	0.1058	2151.2	0.699	2612	0	0	0.0000025	0.022	0.009	1.211	0.018	0.0000093	573	0.000258	0.0062	0.00178	0.0155	0.0415	0.000092	12.4	309.4	0.46	0.017	1413.7	0.1101	0.0046	0.000067	0.00550	0.0026	1.39	0.0000034	0.00398	0.00438	0.00901	0
2045	6622	1.455	6.716	0.0925	1880.3	0.693	2587	0	0	0.0000025	0.022	0.009	1.200	0.018	0.0000092	567	0.000256	0.0061	0.00176	0.0153	0.0411	0.000092	12.3	306.4	0.46	0.017	1235.6	0.1090	0.0046	0.000067	0.00545	0.0026	1.37	0.0000034	0.00394	0.00433	0.00893	0
2046	6195	1.272	5.870	0.0809	1643.5	0.686	2562	0	0	0.0000024	0.021	0.009	1.188	0.017	0.0000091	562	0.000253	0.0060	0.00174	0.0152	0.0407	0.000091	12.2	303.4	0.45	0.017	1080.0	0.1080	0.0045	0.000066	0.00540	0.0026	1.36	0.0000033	0.00390	0.00429	0.00884	0
2047	5818	1.112	5.131	0.0707	1436.6	0.679	2537	0	0	0.0000024	0.021	0.009	1.176	0.017	0.0000090	556	0.000251	0.0060	0.00172	0.0150	0.0403	0.000090	12.1	300.5	0.45	0.017	944.0	0.1069	0.0045	0.000065	0.00534	0.0026	1.35	0.0000033	0.00386	0.00425	0.00875	0
2048	5484	0.972	4.485	0.0618	1255.7	0.673	2512	0	0	0.0000024	0.021	0.009	1.165	0.017	0.0000089	551	0.000248	0.0059	0.00171	0.0149	0.0399	0.000089	12.0	297.6	0.44	0.017	825.1	0.1059	0.0044	0.000065	0.00529	0.0025	1.33	0.0000033	0.00383	0.00421	0.00867	0
2049	5189	0.849	3.920	0.0540	1097.5	0.666	2488	0	0	0.0000024	0.021	0.009	1.153	0.017	0.0000089	545	0.000246	0.0059	0.00169	0.0147	0.0395	0.000088	11.9	294.7	0.44	0.016	721.2	0.1048	0.0044	0.000064	0.00524	0.0025	1.32	0.0000032	0.00379	0.00417	0.00858	0
2050	4927	0.742	3.427	0.0472	959.3	0.659	2463	0	0	0.0000023	0.021	0.009	1.142	0.017	0.0000088	540	0.000243	0.0058	0.00167	0.0146	0.0392	0.000087	11.7	291.8	0.44	0.016	630.4	0.1038	0.0044	0.000063	0.00519	0.0025	1.31	0.0000032	0.00375	0.00413	0.00850	0
2051	4694	0.649	2.995	0.0413	838.5	0.653	2439	0	0	0.0000023	0.020	0.009	1.131	0.017	0.0000087	535	0.000241	0.0058	0.00166	0.0144	0.0388	0.000086	11.6	288.9	0.43	0.016	551.0	0.1028	0.0043	0.000063	0.00514	0.0025	1.30	0.0000032	0.00372	0.00409	0.00842	0
2052	4486	0.567	2.618	0.0361	732.9	0.647	2416	0	0	0.0000023	0.020	0.009	1.120	0.016	0.0000086	530	0.000239	0.0057	0.00164	0.0143	0.0384	0.000086	11.5	286.1	0.43	0.016	481.6	0.1018	0.0043	0.000062	0.00509	0.0024	1.28	0.0000031	0.00368	0.00405	0.00834	0
2053	4302	0.496	2.288	0.0315	640.6	0.640	2392	0	0	0.0000023	0.020	0.009	1.109	0.016	0.0000085	524	0.000236	0.0056	0.00163	0.0142	0.0380	0.000085	11.4	283.3	0.42	0.016	421.0	0.1008	0.0042	0.000062	0.00504	0.0024	1.27	0.0000031	0.00364	0.00401	0.00825	0
2054	4136	0.433	2.000	0.0275	560.0	0.634	2369	0	0	0.0000023	0.020	0.009	1.098	0.016	0.0000084	519	0.000234	0.0056	0.00161	0.0140	0.0377	0.000084	11.3	280.6	0.42	0.016	368.0	0.0998	0.0042	0.000061	0.00499	0.0024	1.26	0.0000031	0.00361	0.00397	0.00817	0
2055	3988	0.379	1.748	0.0241	489.4	0.628	2346	0	0	0.0000022	0.020	0.008	1.088	0.016	0.0000084	514	0.000232	0.0055	0.00159	0.0139	0.0373	0.000083	11.2	277.8	0.41	0.016	321.6	0.0989	0.0041	0.000060	0.00494	0.0024	1.25	0.0000030	0.00357	0.00393	0.00809	0
2056	3855	0.331	1.528	0.0210	427.8	0.622	2323	0	0	0.0000022	0.019	0.008	1.077	0.016	0.0000083	509	0.000230	0.0055	0.00158	0.0137	0.0369	0.000082	11.1	275.1	0.41	0.015	281.1	0.0979	0.0041	0.000060	0.00489	0.0023	1.23	0.0000030	0.00354	0.00389	0.00802	0
2057	3735	0.289	1.336	0.0184	373.9	0.616	2300	0	0	0.0000022	0.019	0.008	1.067	0.016	0.0000082	504	0.000227	0.0054	0.00156	0.0136	0.0366	0.000081	11.0	272.5	0.41	0.015	245.7	0.0969	0.0041	0.000059	0.00485	0.0023	1.22	0.0000030	0.00350	0.00385	0.00794	0
2058	3627	0.253	1.167	0.0161	326.8	0.610	2278	0	0	0.0000022	0.019	0.008	1.056	0.015	0.0000081	499	0.000225	0.0054	0.00155	0.0135	0.0362	0.000081	10.9	269.8	0.40	0.015	214.8	0.0960	0.0040	0.000059	0.00480	0.0023	1.21	0.0000030	0.00347	0.00382	0.00786	0
2059	3529	0.221	1.020	0.0141	285.7	0.604	2256	0	0	0.0000022	0.019	0.008	1.046	0.015	0.0000080	495	0.000223	0.0053	0.00153	0.0133	0.0359	0.000080	10.7	267.2	0.40	0.015	187.7	0.0951	0.0040	0.000058	0.00475	0.0023	1.20	0.0000029	0.00344	0.00378	0.00778	0
2060	3440	0.193	0.892	0.0123	249.7	0.598	2234	0	0	0.0000021	0.019	0.008	1.036	0.015	0.0000080	490	0.000221	0.0053	0.00152	0.0132	0.0355	0.000079	10.6	264.6	0.39	0.015	164.1	0.0941	0.0039	0.000058	0.00470	0.0023	1.19	0.0000029	0.00340	0.00374	0.00771	0
2061	3358	0.169	0.780	0.0107	218.3	0.592	2212	0	0	0.0000021	0.018	0.008	1.026	0.015	0.0000079	485	0.000219	0.0052	0.00150	0.0131	0.0352	0.000078	10.5	262.0	0.39	0.015	143.4	0.0932	0.0039	0.000057	0.00466	0.0022	1.17	0.0000029	0.00337	0.00371	0.00763	0
2062	3284	0.148	0.681	0.0094	190.8	0.586	2190	0	0	0.0000021	0.018	0.008	1.016	0.015	0.0000078	480	0.000216	0.0052	0.00149	0.0130	0.0348	0.000078	10.4	259.4	0.39	0.015	125.4	0.0923	0.0039	0.000056	0.00461	0.0022	1.16	0.0000028	0.00334	0.00367	0.00756	0
2063	3215	0.129	0.596	0.0082	166.8	0.581	2169	0	0	0.0000021	0.018	0.008	1.006	0.015	0.0000077	476	0.000214	0.0051	0.00147	0.0128	0.0345	0.000077	10.3	256.9	0.38	0.014	109.6	0.0914	0.0038	0.000056	0.00457	0.0022	1.15	0.0000028	0.00330	0.00363	0.00748	0
2064	3152	0.113	0.521	0.0072	145.8	0.575	2148	0	0	0.0000020	0.018	0.008	0.996	0.015	0.0000076	471	0.000212	0.0051	0.00146	0.0127	0.0341	0.000076	10.2	254.4	0.38	0.014	95.8	0.0905	0.0038	0.000055	0.00452	0.0022	1.14	0.0000028	0.00327	0.00360	0.00741	0
2065	3093	0.099	0.455	0.0063	127.4	0.569	2127	0	0	0.0000020	0.018	0.008	0.986	0.014	0.0000076	466	0.000210	0.0050	0.00145	0.0126	0.0338	0.000075	10.1	251.9	0.38	0.014	83.7	0.0896	0.0038	0.000055	0.00448	0.0021	1.13	0.0000028	0.00324	0.00356	0.00734	0
2066	3039	0.086	0.398	0.0055	111.4	0.564	2106	0	0	0.0000020	0.018	0.008	0.977	0.014	0.0000075	462	0.000208	0.0050	0.00143	0.0125	0.0335	0.000075	10.0	249.5	0.37	0.014	73.2	0.0888	0.0037	0.000054	0.00444	0.0021	1.12	0.0000027	0.00321	0.00353	0.00727	0
2067	2988	0.075	0.348	0.0048	97.3	0.558	2086	0	0	0.0000020	0.017	0.008	0.967	0.014	0.0000074	457	0.000206	0.0049	0.00142	0.0123	0.0332	0.000074	9.9	247.1	0.37	0.014	64.0	0.0879	0.0037	0.000054	0.00439	0.0021	1.11	0.0000027	0.00318	0.00349	0.00720	0
2068	2940	0.066	0.304	0.0042	85.1	0.553	2065	0	0	0.0000020	0.017	0.007	0.958	0.014	0.0000074	453	0.000204	0.0049	0.00140	0.0122	0.0328	0.000073	9.8	244.6	0.36	0.014	55.9	0.0870	0.0036	0.000053	0.00435	0.0021	1.10	0.0000027	0.00315	0.00346	0.00713	0
2069	2896	0.058	0.266	0.0037	74.4	0.548	2045	0	0	0.0000020	0.017	0.007	0.948	0.014	0.0000073	448	0.000202	0.0048	0.00139	0.0121	0.0325	0.000072	9.7	242.3	0.36	0.014	48.9	0.0862	0.0036	0.000053	0.00431	0.0021	1.09	0.0000027	0.00312	0.00343	0.00706	0
2070	2853	0.050	0.232	0.0032	65.0	0.542	2025	0	0	0.0000019	0.017	0.007	0.939	0.014	0.0000072	444	0.000200	0.0048	0.00138	0.0120	0.0322	0.000072	9.6	239.9	0.36	0.013	42.7	0.0854	0.0036	0.000052	0.00427	0.0020	1.08	0.0000026	0.00309	0.00339	0.00699	0
2071	2813	0.044	0.203	0.0028	56.8	0.537	2006	0	0	0.0000019	0.017	0.007	0.930	0.014	0.0000071	440	0.000198	0.0047	0.00136	0.0119	0.0319	0.000071	9.6	237.6	0.35	0.013	37.3	0.0845	0.0035	0.000052	0.00422	0.0020	1.06	0.0000026	0.00306	0.00336	0.00692	0
2072	2775	0.038	0.177	0.0024	49.7	0.532	1986	0	0	0.0000019	0.017	0.007	0.921	0.013	0.0000071	435	0.000196	0.0047	0.00135	0.0118	0.0316	0.000070	9.5	235.3	0.35	0.013	32.6	0.0837	0.0035	0.000051	0.00418	0.0020	1.05	0.0000026	0.00303	0.00333	0.00685	0
2073	2739	0.034	0.155	0.0021	43.4	0.527	1967	0	0	0.0000019	0.016	0.007	0.912	0.013	0.0000070	431	0.000194	0.0046	0.00134	0.0116	0.0313	0.000070	9.4	233.0	0.35	0.013	28.5	0.0829	0.0035	0.000051	0.00414	0.0020	1.04	0.0000025	0.00300	0.00329	0.00679	0
2074	2704	0.029	0.136	0.0019	37.9	0.521	1948	0	0	0.0000019	0.016	0.007	0.903	0.013	0.0000069	427	0.000192	0.0046	0.00132	0.0115	0.0310	0.000069	9.3	230.7	0.34	0.013	24.9	0.0821	0.0034	0.000050	0.00410	0.0020	1.03	0.0000025	0.00297	0.00326	0.00672	0
2075	2671	0.026	0.118	0.0016	33.2	0.516	1929	0	0	0.0000018	0.016	0.007	0.894	0.013	0.0000069	423	0.000191	0.0046	0.00131	0.0114	0.0307	0.000068	9.2	228.4	0.34	0.013	21.8	0.0813	0.0034	0.000050	0.00406	0.0019	1.02	0.0000025	0.00294	0.00323	0.00666	0
2076	2638	0.022	0.104	0.0014	29.0	0.511	1910	0	0	0.0000018	0.016	0.007	0.886	0.013	0.0000068	419	0.000189	0.0045	0.00130	0.0113	0.0304	0.000068	9.1	226.2	0.34	0.013	19.0	0.0805	0.0034	0.000049	0.00402	0.0019	1.01	0.0000025	0.00291	0.00320	0.00659	0
2077	2607	0.020	0.090	0.0012	25.3	0.506	1891	0	0	0.0000018	0.016	0.007	0.877	0.013	0.0000067	415	0.000187	0.0045	0.00129	0.0112	0.0301	0.000067	9.0	224.0	0.33	0.013	16.6	0.0797	0.0033	0.000049	0.00398	0.0019	1.00	0.0000025	0.00288	0.00317	0.00653	0
2078	2577	0.017	0.079	0.0011	22.1	0.501	1873	0	0	0.0000018	0.016	0.007	0.868	0.013	0.0000067	411	0.000185	0.0044	0.00127	0.0111	0.0298	0.000066	8.9	221.8	0.33	0.012	14.6	0.0789	0.0033	0.000048	0.00394	0.0019	0.99	0.0000024	0.00285	0.00314	0.00646	0
2079	2548	0.015	0.069	0.0010	19.4	0.496	1855	0	0	0.0000018	0.015	0.007	0.860	0.013	0.0000066	407	0.000183	0.0044	0.00126	0.0110	0.0295	0.000066	8.8	219.7	0.33	0.012	12.7	0.0782	0.0033	0.000048	0.00391	0.0019	0.98	0.0000024	0.00283	0.00311	0.00640	0
2080	2520	0.013	0.060	0.0008	16.9	0.492	1836	0	0	0.0000018	0.015	0.007	0.852	0.012	0.0000065	403	0.000181	0.0043	0.00125	0.0109	0.0292	0.000065	8.7	217.5	0.32	0.012	11.1	0.0774	0.0032	0.000047	0.00387	0.0019	0.97	0.0000024	0.00280	0.00308	0.00634	0
2081	2492	0.011	0.053	0.0007	14.8	0.487	1819	0	0	0.0000017	0.015	0.007	0.843	0.012	0.0000065	399	0.000180	0.0043	0.00124	0.0108	0.0289	0.000064	8.7	215.4	0.32	0.012	9.7	0.0766	0.0032	0.000047	0.00383	0.0018	0.97	0.0000024	0.00277	0.00305	0.00628	0
2082	2465	0.010	0.046	0.0006	12.9	0.482	1801	0	0	0.0000017	0.015	0.006	0.835	0.012	0.0000064	395	0.000178	0.0043	0.00122	0.0107	0.0286	0.000064	8.6	213.3	0.32	0.012	8.5	0.0759	0.0032	0.000046	0.00379	0.0018	0.96	0.0000023	0.00274	0.00302	0.00621	0
2083	2439	0.009	0.040	0.0006	11.3	0.477	1783	0	0	0.0000017	0.015	0.006	0.827	0.012	0.0000063	391	0.000176	0.0042	0.00121	0.0106	0.0284	0.000063	8.5	211.2	0.31	0.012	7.4	0.0752	0.0031	0.000046	0.00376	0.0018	0.95	0.0000023	0.00272	0.00299	0.00615	0
2084	2413	0.008	0.035	0.0005	9.9	0.473	1766	0	0	0.0000017	0.015	0.006	0.819	0.012	0.0000063	387	0.000175	0.0042	0.00120	0.0104	0.0281	0.000063	8.4	209.2	0.31	0.012	6.5	0.0744	0.0031	0.000045	0.00372	0.0018	0.94	0.0000023	0.00269	0.00296	0.00609	0
2085	2388	0.007	0.031	0.0004	8.6	0.468	1749	0	0	0.0000017	0.015	0.006	0.811	0.012	0.0000062	383	0.000173	0.0041	0.00119	0.0103	0.0278	0.000062	8.3	207.1	0.31	0.012	5.7	0.0737	0.0031	0.000045	0.00368	0.0018	0.93	0.0000023	0.00266	0.00293	0.00603	0
2086	2364	0.006	0.027	0.0004	7.5	0.464	1732	0	0	0.0000017	0.014	0.006	0.803	0.012	0.0000062	380	0.000171	0.0041	0.00118	0.0102	0.0275	0.000061	8.3	205.1	0.31	0.011	5.0	0.0730	0.0031	0.000045	0.00365	0.0017	0.92	0.0000022	0.00264	0.00290	0.00598	0
2087	2339	0.005	0.024	0.0003	6.6	0.459	1715	0	0	0.0000016	0.014	0.006	0.795	0.012	0.0000061	376	0.000169	0.0040	0.00117	0.0101	0.0273	0.000061	8.2	203.1	0.30	0.011	4.3	0.0723	0.0030	0.000044	0.00361	0.0017	0.91	0.0000022	0.00261	0.00287	0.00592	0
2088	2316	0.004	0.021	0.0003	5.8	0.455	1698	0	0	0.0000016	0.014	0.006	0.787	0.012	0.0000060	372	0.000168	0.0040	0.00115	0.0100	0.0270	0.000060	8.1	201.1	0.30	0.011	3.8	0.0716	0.0030	0.000044	0.00358	0.0017	0.90	0.0000022	0.00259	0.00284	0.00586	0
2089	2292	0.004	0.018	0.0002	5.0	0.450	1682	0	0	0.0000016	0.014	0.006	0.780	0.011	0.0000060	369	0.000166	0.0040	0.00114	0.0099	0.0267	0.000060	8.0	199.2	0.30	0.011	3.3	0.0709	0.0030	0.000043	0.00354	0.0017	0.89	0.0000022	0.00256	0.00282	0.00580	0
2090	2269	0.003	0.016	0.0002	4.4	0.446	1665	0	0	0.0000016	0.014	0.006	0.772	0.011	0.0000059	365	0.000165	0.0039	0.00113	0.0099	0.0265	0.000059	7.9	197.2	0.29	0.011	2.9	0.0702	0.0029	0.000043	0.00351	0.0017	0.88	0.0000022	0.00254	0.00279	0.00575	0
2091	2246	0.003	0.014	0.0002	3.8	0.441	1649	0	0	0.0000016	0.014	0.006	0.765	0.011	0.0000059	362	0.000163	0.0039	0.00112	0.0098	0.0262	0.000058	7.9	195.3	0.29	0.011	2.5	0.0695	0.0029	0.000042	0.00347	0.0017	0.88	0.0000021	0.00251	0.00276	0.00569	0
2092	2224	0.003	0.012	0.0002	3.4	0.437	1633	0	0	0.0000016	0.014	0.006	0.757	0.011	0.0000058	358	0.000161	0.0039	0.00111	0.0097	0.0260	0.000058	7.8	193.4	0.29	0.011	2.2	0.0688	0.0029	0.000042	0.00344	0.0016	0.87	0.0000021	0.00249	0.00274	0.00563	0
2093	2202	0.002	0.011	0.0001	2.9	0.433	1617	0	0	0.0000015	0.013	0.006	0.750	0.011	0.0000058	355	0.000160	0.0038	0.00110	0.0096	0.0257	0.000057	7.7	191.5	0.29	0.011	1.9	0.0682	0.0029	0.000042	0.00341	0.0016	0.86	0.0000021	0.00246	0.00271	0.00558	0
2094	2180	0.002	0.009	0.0001	2.6	0.429	1601	0	0	0.0000015	0.013	0.006	0.742	0.011	0.0000057	351	0.000158	0.0038	0.00109	0.0095	0.0255	0.000057	7.6	189.7	0.28	0.011	1.7	0.0675	0.0028	0.000041	0.00337	0.0016	0.85	0.0000021	0.00244	0.00268	0.00553	0
2095	2159	0.002	0.008	0.0001	2.2	0.424	1586	0	0	0.0000015	0.013	0.006	0.735	0.011	0.0000056	348	0.000157	0.0037	0.00108	0.0094	0.0252	0.000056	7.6	187.8	0.28	0.011	1.5	0.0668	0.0

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2040	5813	2.852	13.164	0.1813	2179.0	0.727	1606	0	0	0.0000012	0.025	0.007	1.260	0.019	0.0000098	352	0.000232	0.0027	0.00204	0.0161	0.0406	0.000096	14.0	190.3	0.48	0.017	1431.9	0.1291	0.0048	0.000064	0.00560	0.0026	1.42	0.0000037	0.00396	0.00504	0.00857	0
2041	5336	2.493	11.506	0.1585	1904.6	0.720	1591	0	0	0.0000012	0.025	0.007	1.247	0.019	0.0000097	349	0.000230	0.0027	0.00202	0.0159	0.0402	0.000095	13.8	188.4	0.48	0.017	1251.6	0.1279	0.0048	0.000063	0.00555	0.0026	1.41	0.0000037	0.00392	0.00499	0.00848	0
2042	4916	2.179	10.057	0.1385	1664.7	0.713	1575	0	0	0.0000012	0.025	0.007	1.235	0.019	0.0000096	345	0.000227	0.0027	0.00200	0.0158	0.0398	0.000094	13.7	186.6	0.47	0.017	1094.0	0.1266	0.0047	0.000062	0.00550	0.0026	1.39	0.0000036	0.00389	0.00494	0.00840	0
2043	4546	1.905	8.791	0.1211	1455.1	0.706	1560	0	0	0.0000012	0.024	0.007	1.223	0.019	0.0000095	342	0.000225	0.0027	0.00198	0.0156	0.0394	0.000093	13.5	184.7	0.47	0.017	956.2	0.1254	0.0047	0.000062	0.00544	0.0026	1.38	0.0000036	0.00385	0.00489	0.00832	0
2044	4221	1.665	7.684	0.1058	1271.9	0.699	1545	0	0	0.0000012	0.024	0.007	1.211	0.019	0.0000094	339	0.000223	0.0026	0.00196	0.0155	0.0390	0.000092	13.4	182.9	0.46	0.016	835.8	0.1242	0.0046	0.000061	0.00539	0.0025	1.37	0.0000036	0.00381	0.00484	0.00824	0
2045	3935	1.455	6.716	0.0925	1111.7	0.693	1529	0	0	0.0000012	0.024	0.007	1.200	0.019	0.0000093	335	0.000221	0.0026	0.00194	0.0153	0.0386	0.000092	13.3	181.2	0.46	0.016	730.5	0.1230	0.0046	0.000060	0.00534	0.0025	1.35	0.0000035	0.00377	0.00480	0.00816	0
2046	3682	1.272	5.870	0.0809	971.7	0.686	1515	0	0	0.0000011	0.024	0.006	1.188	0.018	0.0000092	332	0.000219	0.0026	0.00192	0.0152	0.0383	0.000091	13.2	179.4	0.45	0.016	638.5	0.1218	0.0045	0.000060	0.00528	0.0025	1.34	0.0000035	0.00374	0.00475	0.00808	0
2047	3458	1.112	5.131	0.0707	849.3	0.679	1500	0	0	0.0000011	0.023	0.006	1.176	0.018	0.0000091	329	0.000216	0.0026	0.00191	0.0150	0.0379	0.000090	13.0	177.7	0.45	0.016	558.1	0.1206	0.0045	0.000059	0.00523	0.0025	1.33	0.0000035	0.00370	0.00470	0.00800	0
2048	3261	0.972	4.485	0.0618	742.4	0.673	1485	0	0	0.0000011	0.023	0.006	1.165	0.018	0.0000090	326	0.000214	0.0025	0.00189	0.0149	0.0375	0.000089	12.9	175.9	0.44	0.016	487.8	0.1194	0.0044	0.000059	0.00518	0.0024	1.31	0.0000034	0.00366	0.00466	0.00792	0
2049	3086	0.849	3.920	0.0540	648.9	0.666	1471	0	0	0.0000011	0.023	0.006	1.153	0.018	0.0000089	322	0.000212	0.0025	0.00187	0.0147	0.0372	0.000088	12.8	174.2	0.44	0.016	426.4	0.1183	0.0044	0.000058	0.00513	0.0024	1.30	0.0000034	0.00363	0.00461	0.00784	0
2050	2931	0.742	3.427	0.0472	567.2	0.659	1456	0	0	0.0000011	0.023	0.006	1.142	0.018	0.0000088	319	0.000210	0.0025	0.00185	0.0146	0.0368	0.000087	12.7	172.5	0.44	0.015	372.7	0.1171	0.0044	0.000058	0.00508	0.0024	1.29	0.0000034	0.00359	0.00457	0.00777	0
2051	2793	0.649	2.995	0.0413	495.8	0.653	1442	0	0	0.0000011	0.022	0.006	1.131	0.017	0.0000088	316	0.000208	0.0025	0.00183	0.0144	0.0364	0.000086	12.5	170.8	0.43	0.015	325.8	0.1160	0.0043	0.000057	0.00503	0.0024	1.28	0.0000033	0.00356	0.00452	0.00769	0
2052	2670	0.567	2.618	0.0361	433.3	0.647	1428	0	0	0.0000011	0.022	0.006	1.120	0.017	0.0000087	313	0.000206	0.0024	0.00181	0.0143	0.0361	0.000086	12.4	169.2	0.43	0.015	284.8	0.1148	0.0043	0.000056	0.00498	0.0024	1.26	0.0000033	0.00352	0.00448	0.00762	0
2053	2560	0.496	2.288	0.0315	378.8	0.640	1414	0	0	0.0000011	0.022	0.006	1.109	0.017	0.0000086	310	0.000204	0.0024	0.00180	0.0141	0.0357	0.000085	12.3	167.5	0.42	0.015	248.9	0.1137	0.0042	0.000056	0.00493	0.0023	1.25	0.0000033	0.00349	0.00444	0.00754	0
2054	2463	0.433	2.000	0.0275	331.1	0.634	1400	0	0	0.0000011	0.022	0.006	1.098	0.017	0.0000085	307	0.000202	0.0024	0.00178	0.0140	0.0354	0.000084	12.2	165.9	0.42	0.015	217.6	0.1126	0.0042	0.000055	0.00489	0.0023	1.24	0.0000032	0.00346	0.00439	0.00747	0
2055	2375	0.379	1.748	0.0241	289.4	0.628	1387	0	0	0.0000011	0.022	0.006	1.088	0.017	0.0000084	304	0.000200	0.0024	0.00176	0.0139	0.0350	0.000083	12.0	164.3	0.42	0.015	190.2	0.1115	0.0042	0.000055	0.00484	0.0023	1.23	0.0000032	0.00342	0.00435	0.00740	0
2056	2296	0.331	1.528	0.0210	252.9	0.622	1373	0	0	0.0000010	0.021	0.006	1.077	0.017	0.0000083	301	0.000198	0.0023	0.00175	0.0137	0.0347	0.000082	11.9	162.7	0.41	0.015	166.2	0.1104	0.0041	0.000054	0.00479	0.0023	1.22	0.0000032	0.00339	0.00431	0.00733	0
2057	2225	0.289	1.336	0.0184	221.1	0.616	1360	0	0	0.0000010	0.021	0.006	1.067	0.016	0.0000083	298	0.000196	0.0023	0.00173	0.0136	0.0344	0.000081	11.8	161.1	0.41	0.014	145.3	0.1093	0.0041	0.000054	0.00474	0.0022	1.20	0.0000032	0.00336	0.00427	0.00725	0
2058	2161	0.253	1.167	0.0161	193.2	0.610	1347	0	0	0.0000010	0.021	0.006	1.056	0.016	0.0000082	295	0.000194	0.0023	0.00171	0.0135	0.0340	0.000081	11.7	159.5	0.40	0.014	127.0	0.1083	0.0040	0.000053	0.00470	0.0022	1.19	0.0000031	0.00332	0.00422	0.00718	0
2059	2103	0.221	1.020	0.0141	168.9	0.604	1334	0	0	0.0000010	0.021	0.006	1.046	0.016	0.0000081	292	0.000193	0.0023	0.00169	0.0133	0.0337	0.000080	11.6	158.0	0.40	0.014	111.0	0.1072	0.0040	0.000053	0.00465	0.0022	1.18	0.0000031	0.00329	0.00418	0.00711	0
2060	2050	0.193	0.892	0.0123	147.6	0.598	1321	0	0	0.0000010	0.021	0.006	1.036	0.016	0.0000080	290	0.000191	0.0023	0.00168	0.0132	0.0334	0.000079	11.5	156.4	0.40	0.014	97.0	0.1062	0.0040	0.000052	0.00461	0.0022	1.17	0.0000031	0.00326	0.00414	0.00704	0
2061	2002	0.169	0.780	0.0107	129.0	0.592	1308	0	0	0.0000010	0.020	0.006	1.026	0.016	0.0000079	287	0.000189	0.0022	0.00166	0.0131	0.0330	0.000078	11.4	154.9	0.39	0.014	84.8	0.1052	0.0039	0.000052	0.00456	0.0022	1.16	0.0000030	0.00323	0.00410	0.00698	0
2062	1958	0.148	0.681	0.0094	112.8	0.586	1295	0	0	0.0000010	0.020	0.006	1.016	0.016	0.0000079	284	0.000187	0.0022	0.00165	0.0130	0.0327	0.000078	11.2	153.4	0.39	0.014	74.1	0.1041	0.0039	0.000051	0.00452	0.0021	1.15	0.0000030	0.00320	0.00406	0.00691	0
2063	1917	0.129	0.596	0.0082	98.6	0.581	1282	0	0	0.0000010	0.020	0.006	1.006	0.016	0.0000078	281	0.000185	0.0022	0.00163	0.0128	0.0324	0.000077	11.1	151.9	0.38	0.014	64.8	0.1031	0.0038	0.000051	0.00447	0.0021	1.14	0.0000030	0.00316	0.00402	0.00684	0
2064	1879	0.113	0.521	0.0072	86.2	0.575	1270	0	0	0.0000010	0.020	0.005	0.996	0.015	0.0000077	278	0.000183	0.0022	0.00161	0.0127	0.0321	0.000076	11.0	150.4	0.38	0.013	56.6	0.1021	0.0038	0.000050	0.00443	0.0021	1.12	0.0000029	0.00313	0.00398	0.00677	0
2065	1845	0.099	0.455	0.0063	75.3	0.569	1257	0	0	0.0000010	0.020	0.005	0.986	0.015	0.0000076	276	0.000182	0.0021	0.00160	0.0126	0.0318	0.000075	10.9	149.0	0.38	0.013	49.5	0.1011	0.0038	0.000050	0.00439	0.0021	1.11	0.0000029	0.00310	0.00394	0.00671	0
2066	1812	0.086	0.398	0.0055	65.8	0.564	1245	0	0	0.0000009	0.019	0.005	0.977	0.015	0.0000076	273	0.000180	0.0021	0.00158	0.0125	0.0315	0.000075	10.8	147.5	0.37	0.013	43.3	0.1001	0.0037	0.000049	0.00434	0.0020	1.10	0.0000029	0.00307	0.00391	0.00664	0
2067	1782	0.075	0.348	0.0048	57.5	0.558	1233	0	0	0.0000009	0.019	0.005	0.967	0.015	0.0000075	270	0.000178	0.0021	0.00157	0.0123	0.0312	0.000074	10.7	146.1	0.37	0.013	37.8	0.0992	0.0037	0.000049	0.00430	0.0020	1.09	0.0000029	0.00304	0.00387	0.00658	0
2068	1754	0.066	0.304	0.0042	50.3	0.553	1221	0	0	0.0000009	0.019	0.005	0.958	0.015	0.0000074	268	0.000176	0.0021	0.00155	0.0122	0.0309	0.000073	10.6	144.6	0.37	0.013	33.1	0.0982	0.0037	0.000048	0.00426	0.0020	1.08	0.0000028	0.00301	0.00383	0.00651	0
2069	1728	0.058	0.266	0.0037	44.0	0.548	1209	0	0	0.0000009	0.019	0.005	0.948	0.015	0.0000073	265	0.000175	0.0021	0.00154	0.0121	0.0306	0.000072	10.5	143.2	0.36	0.013	28.9	0.0972	0.0036	0.000048	0.00422	0.0020	1.07	0.0000028	0.00298	0.00379	0.00645	0
2070	1703	0.050	0.232	0.0032	38.4	0.542	1197	0	0	0.0000009	0.019	0.005	0.939	0.015	0.0000073	263	0.000173	0.0020	0.00152	0.0120	0.0303	0.000072	10.4	141.8	0.36	0.013	25.3	0.0963	0.0036	0.000047	0.00418	0.0020	1.06	0.0000028	0.00295	0.00376	0.00639	0
2071	1679	0.044	0.203	0.0028	33.6	0.537	1186	0	0	0.0000009	0.018	0.005	0.930	0.014	0.0000072	260	0.000171	0.0020	0.00151	0.0119	0.0300	0.000071	10.3	140.5	0.35	0.013	22.1	0.0953	0.0035	0.000047	0.00414	0.0020	1.05	0.0000027	0.00293	0.00372	0.00632	0
2072	1656	0.038	0.177	0.0024	29.4	0.532	1174	0	0	0.0000009	0.018	0.005	0.921	0.014	0.0000071	257	0.000169	0.0020	0.00149	0.0117	0.0297	0.000070	10.2	139.1	0.35	0.012	19.3	0.0944	0.0035	0.000046	0.00410	0.0019	1.04	0.0000027	0.00290	0.00368	0.00626	0
2073	1635	0.034	0.155	0.0021	25.7	0.527	1163	0	0	0.0000009	0.018	0.005	0.912	0.014	0.0000071	255	0.000168	0.0020	0.00148	0.0116	0.0294	0.000070	10.1	137.7	0.35	0.012	16.9	0.0935	0.0035	0.000046	0.00406	0.0019	1.03	0.0000027	0.00287	0.00365	0.00620	0
2074	1614	0.029	0.136	0.0019	22.4	0.521	1151	0	0	0.0000009	0.018	0.005	0.903	0.014	0.0000070	252	0.000166	0.0020	0.00146	0.0115	0.0291	0.000069	10.0	136.4	0.34	0.012	14.7	0.0926	0.0034	0.000046	0.00402	0.0019	1.02	0.0000027	0.00284	0.00361	0.00614	0
2075	1594	0.026	0.118	0.0016	19.6	0.516	1140	0	0	0.0000009	0.018	0.005	0.894	0.014	0.0000069	250	0.000165	0.0019	0.00145	0.0114	0.0288	0.000068	9.9	135.1	0.34	0.012	12.9	0.0917	0.0034	0.000045	0.00398	0.0019	1.01	0.0000026	0.00281	0.00358	0.00608	0
2076	1575	0.022	0.104	0.0014	17.1	0.511	1129	0	0	0.0000009	0.018	0.005	0.886	0.014	0.0000069	248	0.000163	0.0019	0.00143	0.0113	0.0285	0.000068	9.8	133.7	0.34	0.012	11.3	0.0908	0.0034	0.000045	0.00394	0.0019	1.00	0.0000026	0.00279	0.00354	0.00602	0
2077	1557	0.020	0.090	0.0012	15.0	0.506	1118	0	0	0.0000008	0.017	0.005	0.877	0.014	0.0000068	245	0.000161	0.0019	0.00142	0.0112	0.0283	0.000067	9.7	132.4	0.33	0.012	9.8	0.0899	0.0033	0.000044	0.00390	0.0018	0.99	0.0000026	0.00276	0.00351	0.00596	0
2078	1539	0.017	0.079	0.0011	13.1	0.501	1107	0	0	0.0000008	0.017	0.005	0.868	0.013	0.0000067	243	0.000160	0.0019	0.00141	0.0111	0.0280	0.000066	9.6	131.2	0.33	0.012	8.6	0.0890	0.0033	0.000044	0.00386	0.0018	0.98	0.0000026	0.00273	0.00347	0.00591	0
2079	1522	0.015	0.069	0.0010	11.4	0.496	1096	0	0	0.0000008	0.017	0.005	0.860	0.013	0.0000067	240	0.000158	0.0019	0.00139	0.0110	0.0277	0.000066	9.5	129.9	0.33	0.012	7.5	0.0882	0.0033	0.000043	0.00383	0.0018	0.97	0.0000025	0.00271	0.00344	0.00585	0
2080	1505	0.013	0.060	0.0008	10.0	0.492	1086	0	0	0.0000008	0.017	0.005	0.852	0.013	0.0000066	238	0.000157	0.0019	0.00138	0.0109	0.0274	0.000065	9.4	128.6	0.33	0.011	6.6	0.0873	0.0033	0.000043	0.00379	0.0018	0.96	0.0000025	0.00268	0.00341	0.00579	0
2081	1489	0.011	0.053	0.0007	8.7	0.487	1075	0	0	0.0000008	0.017	0.005	0.843	0.013	0.0000065	236	0.000155	0.0018	0.00137	0.0108	0.0272	0.000064	9.3	127.4	0.32	0.011	5.7	0.0865	0.0032	0.000043	0.00375	0.0018	0.95	0.0000025	0.00265	0.00337	0.00573	0
2082	1473	0.010	0.046	0.0006	7.6	0.482	1065	0	0	0.0000008	0.017	0.005	0.835	0.013	0.0000065	233	0.000154	0.0018	0.00135	0.0107	0.0269	0.000064	9.2	126.1	0.32	0.011	5.0	0.0856	0.0032	0.000042	0.00371	0.0018	0.94	0.0000025	0.00263	0.00334	0.00568	0
2083	1457	0.009	0.040	0.0006	6.7	0.477	1054	0	0	0.0000008	0.016	0.005	0.827	0.013	0.0000064	231	0.000152	0.0018	0.00134	0.0105	0.0266	0.000063	9.2	124.9	0.32	0.011	4.4	0.0848	0.0032	0.000042	0.00368	0.0017	0.93	0.0000024	0.00260	0.00331	0.00562	0
2084	1442	0.008	0.035	0.0005	5.8	0.473	1044	0	0	0.0000008	0.016	0.004	0.819	0.013	0.0000063	229	0.000151	0.0018	0.00133	0.0104	0.0264	0.000063	9.1	123.7	0.31	0.011	3.8	0.0840	0.0031	0.000041	0.00364	0.0017	0.92	0.0000024	0.00258	0.00327	0.00557	0
2085	1427	0.007	0.031	0.0004	5.1	0.468	1034	0	0	0.0000008	0.016	0.004	0.811	0.013	0.0000063	227	0.000149	0.0018	0.00131	0.0103	0.0261	0.000062	9.0	122.5	0.31	0.011	3.4	0.0831	0.0031	0.000041	0.00361	0.0017	0.92	0.0000024	0.00255	0.00324	0.00551	0
2086	1412	0.006	0.027	0.0004	4.5	0.464	1024	0	0	0.0000008	0.016	0.004	0.803	0.012	0.0000062	224	0.000148	0.0017	0.00130	0.0102	0.0259	0.000061	8.9	121.3	0.31	0.011	2.9	0.0823	0.0031	0.000040	0.00357	0.0017	0.91	0.0000024	0.00253	0.00321	0.00546	0
2087	1398	0.005	0.024	0.0003	3.9	0.459	1014	0	0	0.0000008	0.016	0.004	0.795	0.012	0.0000062	222	0.000146	0.0017	0.00129	0.0101	0.0256	0.000061	8.8	120.1	0.30	0.011	2.6	0.0815	0.0030	0.000040	0.00354	0.0017	0.90	0.0000023	0.00250	0.00318	0.00541	0
2088	1384	0.004	0.021	0.0003	3.4	0.455	1004	0	0	0.0000008	0.016	0.004	0.787	0.012	0.0000061	220	0.000145	0.0017	0.00128	0.0100	0.0254	0.000060	8.7	118.9	0.30	0.011	2.2	0.0807	0.0030	0.000040	0.00350	0.0017	0.89	0.0000023	0.00248	0.00315	0.00536	0
2089	1370	0.004	0.018	0.0002	3.0	0.450	994	0	0	0.0000008	0.016	0.004	0.780	0.012	0.0000060	218	0.000144	0.0017	0.00126	0.0099	0.0251	0.000060	8.6	117.8	0.30	0.011	2.0	0.0799	0.0030	0.000039	0.00347	0.0016	0.88	0.0000023	0.00245	0.00312	0.00530	0
2090	1356	0.003	0.016	0.0002	2.6	0.446	984	0	0	0.0000007	0.015	0.004	0.772	0.012	0.0000060	216	0.000142	0.0017	0.00125	0.0098	0.0249	0.000059	8.6	116.6	0.29	0.010	1.7	0.0792	0.0029	0.000039	0.00343	0.0016	0.87	0.0000023	0.00243	0.00309	0.00525	0
2091	1343	0.003	0.014	0.0002	2.3	0.441	975	0	0	0.0000007	0.015	0.004	0.765	0.012	0.0000059	214	0.000141	0.0017	0.00124	0.0098	0.0246	0.000058	8.5	115.5	0.29	0.010	1.5	0.0784	0.0029	0.000039	0.00340	0.0016	0.86	0.0000023	0.00241	0.00306	0.00520	0
2092	1330	0.003	0.012	0.0002	2.0	0.437	965	0	0	0.0000007	0.015	0.004	0.757	0.012	0.0000059	212	0.000139	0.0016	0.00123	0.0097	0.0244	0.000058	8.4	114.4	0.29	0.010	1.3	0.0776	0.0029	0.000038	0.00337	0.0016	0.85	0.0000022	0.00238	0.00303	0.00515	0
2093	1316	0.002	0.011	0.0001	1.7	0.433	956	0	0	0.0000007	0.015	0.004	0.750	0.012	0.0000058	210	0.000138	0.0016	0.00121	0.0096	0.0242	0.000057	8.3	113.2	0.29	0.010	1.1	0.0769	0.0029	0.000038	0.00334	0.0016	0.85	0.0000022	0.00236	0.00300	0.00510	0
2094	1304	0.002	0.009	0.0001	1.5	0.429	947	0	0	0.0000007	0.015	0.004	0.742	0.011	0.0000057	208	0.000137	0.0016	0.00120	0.0095	0.0239	0.000057	8.2	112.1	0.28	0.010	1.0	0.0761	0.0028	0.000037	0.00330	0.0016	0.84	0.0000022	0.00234	0.00297	0.00505	0
2095	1291	0.002	0.008	0.0001	1.3	0.424	937	0	0	0.0000007	0.015	0.004	0.735	0.011	0.0000057	206	0.000135	0.0016	0.00119	0.0094	0.0237	0.000056	8.1	111.0	0.28	0.010	0.9	0.0754	0.0028	0.000037	0.00327	0.0015	0.83	0.0000022	0.00231	0.00294	0.00500	0
2096	1278	0.002	0.007	0.0001	1.2	0.420	928	0	0	0.0000007	0.014	0.004	0.728	0.011	0.0000056	204	0.000134	0.0016	0.00118	0.0093	0.0235	0.000056	8.1	110.0	0.28	0.010	0.8	0.0746	0.0028	0.000037	0.00324	0.0015	0.82	0.0000022	0.00229	0.00291	0.00495	0
2097	1266	0.001	0.006	0.0001	1.0	0.416	919	0	0	0.0000007	0.014	0.004	0.721	0.011	0.0000056	202	0.000133	0.0016	0.00117	0.0092	0.0232	0.000055	8.0	108.9	0.28	0.010	0.7	0.0739	0.0028	0.000036	0.00321	0.0015	0.81	0.0000021	0.00227	0.00288	0.00490	0
2098	1254	0.001	0.005	0.0001	0.9	0.412	910	0	0	0.0000007	0.014	0.004	0.714	0.011	0.0000055	200	0.000131	0.0016	0.00116	0.0091	0.0230	0.000055	7.9	107.8	0.27	0.010	0.6	0.0732	0.0027	0.000036	0.00318	0.0015	0.81	0.0000021	0.00225	0.00286	0.00486	0
2099	1241	0.001	0.005	0.0001	0.8	0.408	901	0	0	0.0000007	0.014	0.004	0.707	0.011	0.0000055	198	0.000130	0.0015	0.00115	0.0090	0.0228	0.000054	7.8	106.8	0.27	0.010	0.5	0.0725	0.0027	0.000036	0.00315	0.0015	0.80	0.0000021	0.00222	0.00283	0.00481	0
2100	1229	0.001	0.004	0.0001	0.7	0.404	893	0	0	0.0000007	0.014	0.004	0.700	0.011	0.0000054	196	0.000129	0.0015	0.00113	0.0089	0.0226	0.000053	7.8	105.7	0.27	0.009	0.4	0.0718	0.0027	0.000035	0.00311	0.0015	0.79	0.0000021	0.00220	0.00280	0.00476	0
WRSF9																																						
2020	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000	0.0	0.0	0.00	0.000	0.0	0.0000	0.0000	0.000000	0.00000	0.0000	0.00	0.0000000	0.00000	0.00000	0.00000	0
2021	0	0.000	0.000	0.0000	0.0	0.000	0	0	0	0.0000000	0.000	0.000	0.000	0.000	0.0000000	0	0.000000	0.0000	0.00000	0.0000	0.0000	0.000000	0.0	0.0	0.00	0.000	0.0

Appendix C.1-6: WRSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2047	1989	0.849	3.920	0.0540	398.0	0.679	920	0	0	0.0000029	0.027	0.013	1.176	0.132	0.0000296	202	0.000226	0.0181	0.00124	0.0049	0.0384	0.000090	69.0	109.0	0.45	0.036	261.5	0.0640	0.0045	0.000137	0.00521	0.0024	3.56	0.0000108	0.02750	0.00203	0.00517	0
2048	1893	0.742	3.427	0.0472	347.9	0.673	911	0	0	0.0000029	0.027	0.013	1.165	0.131	0.0000293	200	0.000224	0.0179	0.00123	0.0049	0.0380	0.000089	68.4	107.9	0.44	0.036	228.6	0.0634	0.0044	0.000136	0.00516	0.0024	3.52	0.0000106	0.02723	0.00201	0.00512	0
2049	1808	0.649	2.995	0.0413	304.1	0.666	902	0	0	0.0000029	0.027	0.013	1.153	0.130	0.0000290	198	0.000222	0.0177	0.00122	0.0048	0.0377	0.000088	67.7	106.9	0.44	0.035	199.8	0.0628	0.0044	0.000134	0.00511	0.0023	3.49	0.0000105	0.02696	0.00199	0.00507	0
2050	1731	0.567	2.618	0.0361	265.8	0.659	893	0	0	0.0000029	0.026	0.013	1.142	0.128	0.0000288	196	0.000220	0.0176	0.00120	0.0048	0.0373	0.000087	67.0	105.8	0.44	0.035	174.7	0.0622	0.0044	0.000133	0.00506	0.0023	3.46	0.0000104	0.02670	0.00198	0.00502	0
2051	1663	0.496	2.288	0.0315	232.3	0.653	885	0	0	0.0000028	0.026	0.013	1.131	0.127	0.0000285	194	0.000217	0.0174	0.00119	0.0047	0.0369	0.000086	66.4	104.8	0.43	0.035	152.7	0.0616	0.0043	0.000132	0.00501	0.0023	3.42	0.0000103	0.02644	0.00196	0.00497	0
2052	1602	0.433	2.000	0.0275	203.1	0.647	876	0	0	0.0000028	0.026	0.012	1.120	0.126	0.0000282	192	0.000215	0.0172	0.00118	0.0047	0.0366	0.000086	65.7	103.8	0.43	0.034	133.4	0.0610	0.0043	0.000131	0.00496	0.0023	3.39	0.0000102	0.02618	0.00194	0.00493	0
2053	1548	0.379	1.748	0.0241	177.5	0.640	867	0	0	0.0000028	0.026	0.012	1.109	0.125	0.0000279	190	0.000213	0.0170	0.00117	0.0047	0.0362	0.000085	65.1	102.7	0.42	0.034	116.6	0.0604	0.0042	0.000129	0.00491	0.0022	3.36	0.0000101	0.02593	0.00192	0.00488	0
2054	1499	0.331	1.528	0.0210	155.1	0.634	859	0	0	0.0000028	0.025	0.012	1.098	0.123	0.0000277	188	0.000211	0.0169	0.00116	0.0046	0.0359	0.000084	64.5	101.7	0.42	0.034	101.9	0.0598	0.0042	0.000128	0.00487	0.0022	3.32	0.0000100	0.02568	0.00190	0.00483	0
2055	1454	0.289	1.336	0.0184	135.6	0.628	851	0	0	0.0000027	0.025	0.012	1.088	0.122	0.0000274	186	0.000209	0.0167	0.00115	0.0046	0.0355	0.000083	63.8	100.8	0.42	0.033	89.1	0.0592	0.0042	0.000127	0.00482	0.0022	3.29	0.0000099	0.02543	0.00188	0.00478	0
2056	1414	0.253	1.167	0.0161	118.5	0.622	842	0	0	0.0000027	0.025	0.012	1.077	0.121	0.0000271	185	0.000207	0.0165	0.00113	0.0045	0.0352	0.000082	63.2	99.8	0.41	0.033	77.9	0.0586	0.0041	0.000126	0.00477	0.0022	3.26	0.0000098	0.02518	0.00186	0.00474	0
2057	1378	0.221	1.020	0.0141	103.6	0.616	834	0	0	0.0000027	0.025	0.012	1.067	0.120	0.0000269	183	0.000205	0.0164	0.00112	0.0045	0.0348	0.000081	62.6	98.8	0.41	0.033	68.1	0.0580	0.0041	0.000124	0.00473	0.0022	3.23	0.0000097	0.02493	0.00184	0.00469	0
2058	1344	0.193	0.892	0.0123	90.6	0.610	826	0	0	0.0000026	0.024	0.012	1.056	0.119	0.0000266	181	0.000203	0.0162	0.00111	0.0044	0.0345	0.000081	62.0	97.8	0.40	0.032	59.5	0.0575	0.0040	0.000123	0.00468	0.0021	3.19	0.0000097	0.02469	0.00183	0.00464	0
2059	1314	0.169	0.780	0.0107	79.2	0.604	818	0	0	0.0000026	0.024	0.012	1.046	0.118	0.0000263	179	0.000201	0.0161	0.00110	0.0044	0.0341	0.000080	61.4	96.9	0.40	0.032	52.0	0.0569	0.0040	0.000122	0.00463	0.0021	3.16	0.0000096	0.02445	0.00181	0.00460	0
2060	1286	0.148	0.681	0.0094	69.2	0.598	810	0	0	0.0000026	0.024	0.011	1.036	0.116	0.0000261	178	0.000199	0.0159	0.00109	0.0043	0.0338	0.000079	60.8	95.9	0.40	0.032	45.5	0.0564	0.0040	0.000121	0.00459	0.0021	3.13	0.0000095	0.02421	0.00179	0.00455	0
2061	1260	0.129	0.596	0.0082	60.5	0.592	802	0	0	0.0000026	0.024	0.011	1.026	0.115	0.0000258	176	0.000197	0.0158	0.00108	0.0043	0.0335	0.000078	60.2	95.0	0.39	0.031	39.7	0.0558	0.0039	0.000120	0.00454	0.0021	3.10	0.0000094	0.02398	0.00177	0.00451	0
2062	1237	0.113	0.521	0.0072	52.9	0.586	794	0	0	0.0000025	0.024	0.011	1.016	0.114	0.0000256	174	0.000195	0.0156	0.00107	0.0043	0.0332	0.000078	59.6	94.1	0.39	0.031	34.7	0.0553	0.0039	0.000118	0.00450	0.0021	3.07	0.0000093	0.02374	0.00176	0.00447	0
2063	1215	0.099	0.455	0.0063	46.2	0.581	787	0	0	0.0000025	0.023	0.011	1.006	0.113	0.0000253	172	0.000193	0.0155	0.00106	0.0042	0.0328	0.000077	59.0	93.2	0.38	0.031	30.4	0.0547	0.0038	0.000117	0.00446	0.0020	3.04	0.0000092	0.02351	0.00174	0.00442	0
2064	1194	0.086	0.398	0.0055	40.4	0.575	779	0	0	0.0000025	0.023	0.011	0.996	0.112	0.0000251	171	0.000191	0.0153	0.00105	0.0042	0.0325	0.000076	58.5	92.3	0.38	0.031	26.5	0.0542	0.0038	0.000116	0.00441	0.0020	3.01	0.0000091	0.02328	0.00172	0.00438	0
2065	1175	0.075	0.348	0.0048	35.3	0.569	771	0	0	0.0000025	0.023	0.011	0.986	0.111	0.0000248	169	0.000190	0.0152	0.00104	0.0041	0.0322	0.000075	57.9	91.4	0.38	0.030	23.2	0.0537	0.0038	0.000115	0.00437	0.0020	2.98	0.0000090	0.02305	0.00171	0.00434	0
2066	1157	0.066	0.304	0.0042	30.9	0.564	764	0	0	0.0000024	0.023	0.011	0.977	0.110	0.0000246	167	0.000188	0.0150	0.00103	0.0041	0.0319	0.000075	57.3	90.5	0.37	0.030	20.3	0.0532	0.0037	0.000114	0.00433	0.0020	2.95	0.0000089	0.02283	0.00169	0.00429	0
2067	1140	0.058	0.266	0.0037	27.0	0.558	756	0	0	0.0000024	0.022	0.011	0.967	0.109	0.0000244	166	0.000186	0.0149	0.00102	0.0041	0.0316	0.000074	56.8	89.6	0.37	0.030	17.7	0.0526	0.0037	0.000113	0.00428	0.0020	2.93	0.0000088	0.02261	0.00167	0.00425	0
2068	1124	0.050	0.232	0.0032	23.6	0.553	749	0	0	0.0000024	0.022	0.011	0.958	0.108	0.0000241	164	0.000184	0.0147	0.00101	0.0040	0.0313	0.000073	56.2	88.7	0.37	0.029	15.5	0.0521	0.0037	0.000112	0.00424	0.0019	2.90	0.0000088	0.02239	0.00166	0.00421	0
2069	1109	0.044	0.203	0.0028	20.6	0.548	742	0	0	0.0000024	0.022	0.010	0.948	0.107	0.0000239	163	0.000182	0.0146	0.00100	0.0040	0.0310	0.000072	55.7	87.9	0.36	0.029	13.5	0.0516	0.0036	0.000111	0.00420	0.0019	2.87	0.0000087	0.02217	0.00164	0.00417	0
2070	1094	0.038	0.177	0.0024	18.0	0.542	734	0	0	0.0000024	0.022	0.010	0.939	0.106	0.0000236	161	0.000180	0.0144	0.00099	0.0039	0.0307	0.000072	55.1	87.0	0.36	0.029	11.8	0.0511	0.0036	0.000109	0.00416	0.0019	2.84	0.0000086	0.02195	0.00162	0.00413	0
2071	1080	0.034	0.155	0.0021	15.7	0.537	727	0	0	0.0000023	0.022	0.010	0.930	0.105	0.0000234	159	0.000179	0.0143	0.00098	0.0039	0.0304	0.000071	54.6	86.1	0.35	0.028	10.3	0.0506	0.0035	0.000108	0.00412	0.0019	2.81	0.0000085	0.02174	0.00161	0.00409	0
2072	1067	0.029	0.136	0.0019	13.8	0.532	720	0	0	0.0000023	0.021	0.010	0.921	0.104	0.0000232	158	0.000177	0.0142	0.00097	0.0039	0.0301	0.000070	54.1	85.3	0.35	0.028	9.0	0.0501	0.0035	0.000107	0.00408	0.0019	2.79	0.0000084	0.02153	0.00159	0.00405	0
2073	1054	0.026	0.118	0.0016	12.0	0.527	713	0	0	0.0000023	0.021	0.010	0.912	0.103	0.0000230	156	0.000175	0.0140	0.00096	0.0038	0.0298	0.000070	53.5	84.5	0.35	0.028	7.9	0.0496	0.0035	0.000106	0.00404	0.0018	2.76	0.0000083	0.02132	0.00158	0.00401	0
2074	1042	0.022	0.104	0.0014	10.5	0.521	706	0	0	0.0000023	0.021	0.010	0.903	0.102	0.0000227	155	0.000174	0.0139	0.00095	0.0038	0.0295	0.000069	53.0	83.7	0.34	0.028	6.9	0.0491	0.0034	0.000105	0.00400	0.0018	2.73	0.0000083	0.02111	0.00156	0.00397	0
2075	1030	0.020	0.090	0.0012	9.2	0.516	699	0	0	0.0000022	0.021	0.010	0.894	0.101	0.0000225	153	0.000172	0.0137	0.00094	0.0038	0.0292	0.000068	52.5	82.8	0.34	0.027	6.0	0.0487	0.0034	0.000104	0.00396	0.0018	2.70	0.0000082	0.02090	0.00155	0.00393	0
2076	1018	0.017	0.079	0.0011	8.0	0.511	693	0	0	0.0000022	0.020	0.010	0.886	0.100	0.0000223	152	0.000170	0.0136	0.00093	0.0037	0.0289	0.000068	52.0	82.0	0.34	0.027	5.3	0.0482	0.0034	0.000103	0.00392	0.0018	2.68	0.0000081	0.02070	0.00153	0.00389	0
2077	1007	0.015	0.069	0.0010	7.0	0.506	686	0	0	0.0000022	0.020	0.010	0.877	0.099	0.0000221	150	0.000169	0.0135	0.00092	0.0037	0.0286	0.000067	51.5	81.2	0.33	0.027	4.6	0.0477	0.0033	0.000102	0.00389	0.0018	2.65	0.0000080	0.02050	0.00152	0.00386	0
2078	996	0.013	0.060	0.0008	6.1	0.501	679	0	0	0.0000022	0.020	0.010	0.868	0.098	0.0000219	149	0.000167	0.0133	0.00091	0.0036	0.0283	0.000066	51.0	80.4	0.33	0.027	4.0	0.0473	0.0033	0.000101	0.00385	0.0018	2.63	0.0000079	0.02030	0.00150	0.00382	0
2079	985	0.011	0.053	0.0007	5.4	0.496	673	0	0	0.0000022	0.020	0.010	0.860	0.097	0.0000217	147	0.000165	0.0132	0.00091	0.0036	0.0281	0.000066	50.5	79.7	0.33	0.026	3.5	0.0468	0.0033	0.000100	0.00381	0.0017	2.60	0.0000079	0.02010	0.00149	0.00378	0
2080	975	0.010	0.046	0.0006	4.7	0.492	666	0	0	0.0000021	0.020	0.009	0.852	0.096	0.0000214	146	0.000164	0.0131	0.00090	0.0036	0.0278	0.000065	50.0	78.9	0.33	0.026	3.1	0.0463	0.0033	0.000099	0.00377	0.0017	2.58	0.0000078	0.01991	0.00147	0.00374	0
2081	965	0.009	0.040	0.0006	4.1	0.487	659	0	0	0.0000021	0.020	0.009	0.843	0.095	0.0000212	145	0.000162	0.0130	0.00089	0.0035	0.0275	0.000064	49.5	78.1	0.32	0.026	2.7	0.0459	0.0032	0.000098	0.00374	0.0017	2.55	0.0000077	0.01971	0.00146	0.00371	0
2082	955	0.008	0.035	0.0005	3.6	0.482	653	0	0	0.0000021	0.019	0.009	0.835	0.094	0.0000210	143	0.000160	0.0128	0.00088	0.0035	0.0273	0.000064	49.0	77.4	0.32	0.026	2.4	0.0454	0.0032	0.000097	0.00370	0.0017	2.53	0.0000076	0.01952	0.00144	0.00367	0
2083	945	0.007	0.031	0.0004	3.1	0.477	647	0	0	0.0000021	0.019	0.009	0.827	0.093	0.0000208	142	0.000159	0.0127	0.00087	0.0035	0.0270	0.000063	48.5	76.6	0.32	0.025	2.1	0.0450	0.0032	0.000096	0.00366	0.0017	2.50	0.0000076	0.01933	0.00143	0.00364	0
2084	936	0.006	0.027	0.0004	2.7	0.473	640	0	0	0.0000021	0.019	0.009	0.819	0.092	0.0000206	140	0.000157	0.0126	0.00086	0.0034	0.0267	0.000063	48.1	75.9	0.31	0.025	1.8	0.0446	0.0031	0.000095	0.00363	0.0017	2.48	0.0000075	0.01914	0.00142	0.00360	0
2085	926	0.005	0.024	0.0003	2.4	0.468	634	0	0	0.0000020	0.019	0.009	0.811	0.091	0.0000204	139	0.000156	0.0125	0.00085	0.0034	0.0265	0.000062	47.6	75.1	0.31	0.025	1.6	0.0441	0.0031	0.000094	0.00359	0.0016	2.45	0.0000074	0.01896	0.00140	0.00357	0
2086	917	0.004	0.021	0.0003	2.1	0.464	628	0	0	0.0000020	0.019	0.009	0.803	0.090	0.0000202	138	0.000154	0.0123	0.00085	0.0034	0.0262	0.000061	47.1	74.4	0.31	0.025	1.4	0.0437	0.0031	0.000094	0.00356	0.0016	2.43	0.0000073	0.01877	0.00139	0.00353	0
2087	908	0.004	0.018	0.0002	1.8	0.459	622	0	0	0.0000020	0.018	0.009	0.795	0.089	0.0000200	136	0.000153	0.0122	0.00084	0.0033	0.0260	0.000061	46.7	73.7	0.30	0.024	1.2	0.0433	0.0030	0.000093	0.00352	0.0016	2.41	0.0000073	0.01859	0.00138	0.00350	0
2088	899	0.003	0.016	0.0002	1.6	0.455	616	0	0	0.0000020	0.018	0.009	0.787	0.089	0.0000198	135	0.000151	0.0121	0.00083	0.0033	0.0257	0.000060	46.2	72.9	0.30	0.024	1.0	0.0429	0.0030	0.000092	0.00349	0.0016	2.38	0.0000072	0.01841	0.00136	0.00346	0
2089	890	0.003	0.014	0.0002	1.4	0.450	610	0	0	0.0000020	0.018	0.009	0.780	0.088	0.0000196	134	0.000150	0.0120	0.00082	0.0033	0.0255	0.000060	45.8	72.2	0.30	0.024	0.9	0.0424	0.0030	0.000091	0.00345	0.0016	2.36	0.0000071	0.01823	0.00135	0.00343	0
2090	882	0.003	0.012	0.0002	1.2	0.446	604	0	0	0.0000019	0.018	0.009	0.772	0.087	0.0000194	132	0.000148	0.0119	0.00081	0.0032	0.0252	0.000059	45.3	71.5	0.29	0.024	0.8	0.0420	0.0029	0.000090	0.00342	0.0016	2.34	0.0000071	0.01805	0.00134	0.00340	0
2091	873	0.002	0.011	0.0001	1.1	0.441	598	0	0	0.0000019	0.018	0.008	0.765	0.086	0.0000193	131	0.000147	0.0117	0.00081	0.0032	0.0250	0.000058	44.9	70.8	0.29	0.023	0.7	0.0416	0.0029	0.000089	0.00339	0.0015	2.31	0.0000070	0.01787	0.00132	0.00336	0
2092	865	0.002	0.009	0.0001	0.9	0.437	592	0	0	0.0000019	0.018	0.008	0.757	0.085	0.0000191	130	0.000146	0.0116	0.00080	0.0032	0.0247	0.000058	44.4	70.1	0.29	0.023	0.6	0.0412	0.0029	0.000088	0.00335	0.0015	2.29	0.0000069	0.01770	0.00131	0.00333	0
2093	856	0.002	0.008	0.0001	0.8	0.433	586	0	0	0.0000019	0.017	0.008	0.750	0.084	0.0000189	129	0.000144	0.0115	0.00079	0.0031	0.0245	0.000057	44.0	69.5	0.29	0.023	0.5	0.0408	0.0029	0.000087	0.00332	0.0015	2.27	0.0000069	0.01753	0.00130	0.00330	0
2094	848	0.002	0.007	0.0001	0.7	0.429	581	0	0	0.0000019	0.017	0.008	0.742	0.083	0.0000187	127	0.000143	0.0114	0.00078	0.0031	0.0242	0.000057	43.6	68.8	0.28	0.023	0.5	0.0404	0.0028	0.000087	0.00329	0.0015	2.25	0.0000068	0.01736	0.00128	0.00326	0
2095	840	0.001	0.006	0.0001	0.6	0.424	575	0	0	0.0000018	0.017	0.008	0.735	0.083	0.0000185	126	0.000141	0.0113	0.00077	0.0031	0.0240	0.000056	43.2	68.1	0.28	0.023	0.4	0.0400	0.0028	0.000086	0.00326	0.0015	2.22	0.0000067	0.01719	0.00127	0.00323	0
2096	832	0.001	0.005	0.0001	0.5	0.420	569	0	0	0.0000018	0.017	0.008	0.728	0.082	0.0000183	125	0.000140	0.0112	0.00077	0.0031	0.0238	0.000056	42.7	67.4	0.28	0.022	0.4	0.0396	0.0028	0.000085	0.00323	0.0015	2.20	0.0000067	0.01702	0.00126	0.00320	0
2097	824	0.001	0.005	0.0001	0.5	0.416	564	0	0	0.0000018	0.017	0.008	0.721	0.081	0.0000182	124	0.000139	0.0111	0.00076	0.0030	0.0235	0.000055	42.3	66.8	0.28	0.022	0.3	0.0392	0.0028	0.000084	0.00319	0.0015	2.18	0.0000066	0.01685	0.00125	0.00317	0
2098	816	0.001	0.004	0.0001	0.4	0.412	558	0	0	0.0000018	0.017	0.008	0.714	0.080	0.0000180	122	0.000137	0.0110	0.00075	0.0030	0.0233	0.000055	41.9	66.1	0.27	0.022	0.3	0.0389	0.0027	0.000083	0.00316	0.0014	2.16	0.0000065	0.01669	0.00123	0.00314	0
2099	808	0.001	0.004	0.0000	0.4	0.408	553	0	0	0.0000018	0.016	0.008	0.707	0.079	0.0000178	121	0.000136	0.0109	0.00074	0.0030	0.0231	0.000054	41.5	65.5	0.27	0.022	0.2	0.0385	0.0027	0.000082	0.00313	0.0014	2.14	0.0000065	0.01653	0.00122	0.00311	0
2100	800	0.001	0.003	0.0000	0.3	0.404	548	0	0	0.0000018	0.016	0.008	0.700	0.079	0.0000176	120	0.000135	0.0108	0.00074	0.0029	0.0229	0.000053	41.1	64.9	0.27	0.021	0.2	0.0381	0.0027	0.000082	0.00310	0.0014	2.12	0.0000064	0.01637	0.00121	0.00308	0
Saline - TIRI																																						
2020	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2021	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2022	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2023	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2024	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2025	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2026	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2027	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.000176	0.00565	0.0030	3.47	0.0000121	0.02377	0.00339	0.00558	0.178114
2028	32575	50.400	445.200	3.9200	14515.4	0.756	5633	0	0	0.0000059	0.028	0.040	1.310	0.129	0.0000274	1235	0.000212	0.0323	0.00142	0.0123	0.0295	0.000100	514.0	667.3	0.50	0.028	9538.7	0.1338	0.0050	0.

Appendix C.1-7: TSF

Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
TSF Runoff																																						
2020	5790	22.30	16.17	0.714	2144	0.346	956	0.012	0.005	0.000059	0.016	0.444	0.505	0.229	0.000134	503	0.00047	0.0304	0.00253	0.0187	0.0483	0.000016	82.1	187.0	1.836	0.0117	1144	0.077	0.0168	0.001330	0.00233	0.00869	3.80	0.000123	0.0142	0.0069	0.0094	0.0075
2021	5790	22.30	16.17	0.714	2144	0.346	956	0.012	0.005	0.000059	0.016	0.443	0.505	0.230	0.000134	503	0.00047	0.0305	0.00254	0.0189	0.0485	0.000016	82.1	187.0	1.848	0.0117	1144	0.077	0.0168	0.001320	0.00233	0.00869	3.78	0.000123	0.0142	0.0069	0.0094	0.0075
2022	5620	22.30	16.17	0.714	2040	0.346	952	0.012	0.005	0.000058	0.016	0.439	0.505	0.235	0.000135	496	0.00046	0.0302	0.00259	0.0181	0.0469	0.000016	81.2	187.0	1.800	0.0115	1120	0.078	0.0165	0.001320	0.00230	0.00851	3.78	0.000125	0.0142	0.0070	0.0092	0.0069
2023	5580	22.30	16.17	0.714	2016	0.346	952	0.012	0.005	0.000058	0.016	0.440	0.505	0.232	0.000133	495	0.00046	0.0301	0.00255	0.0181	0.0472	0.000016	81.1	187.0	1.800	0.0116	1112	0.077	0.0165	0.001330	0.00228	0.00856	3.79	0.000124	0.0142	0.0070	0.0092	0.0068
2024	5480	22.30	16.17	0.714	1960	0.346	949	0.012	0.005	0.000058	0.017	0.443	0.505	0.239	0.000135	490	0.00046	0.0299	0.00258	0.0180	0.0472	0.000015	80.6	187.0	1.794	0.0116	1096	0.077	0.0166	0.001330	0.00229	0.00856	3.82	0.000127	0.0144	0.0071	0.0092	0.0065
2025	4408	22.28	16.19	0.714	1671	0.346	938	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	470	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	78.1	187.0	2.948	0.0099	1021	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0050
2026	3669	22.28	16.19	0.714	1137	0.346	918	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	433	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	73.6	187.0	2.948	0.0099	879	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0021
2027	4495	22.28	16.19	0.714	1734	0.346	940	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	475	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	78.7	187.0	2.948	0.0099	1037	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0053
2028	4538	22.28	16.19	0.714	1766	0.346	942	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	477	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	78.9	187.0	2.948	0.0099	1046	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0055
2029	4734	22.28	16.19	0.714	1907	0.346	947	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	487	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	80.1	187.0	2.948	0.0099	1083	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0062
2030	4973	22.28	16.19	0.714	2080	0.346	954	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	499	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	81.6	187.0	2.948	0.0099	1129	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0071
2031	4908	22.28	16.19	0.714	2033	0.346	952	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	496	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	81.2	187.0	2.948	0.0099	1117	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0069
2032	4517	22.28	16.19	0.714	1750	0.346	941	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	476	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	78.8	187.0	2.948	0.0099	1042	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0054
2033	4473	22.28	16.19	0.714	1718	0.346	940	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	474	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	78.5	187.0	2.948	0.0099	1033	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0052
2034	4647	22.28	16.19	0.714	1844	0.346	945	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	482	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	79.6	187.0	2.948	0.0099	1067	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0059
2035	4864	22.28	16.19	0.714	2001	0.346	951	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	493	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	80.9	187.0	2.948	0.0099	1108	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0067
2036	4604	22.28	16.19	0.714	1813	0.346	943	0.012	0.005	0.000049	0.019	0.337	0.505	0.237	0.000134	480	0.00048	0.0515	0.00547	0.0246	0.0448	0.000016	79.3	187.0	2.948	0.0099	1058	0.135	0.0171	0.000916	0.00224	0.00866	3.43	0.000136	0.0117	0.0145	0.0108	0.0057
2037	3829	4.89	27.56	0.311	1552	0.749	866	0.000	0.000	0.000014	0.030	0.021	1.297	0.077	0.000021	190	0.00023	0.0315	0.00170	0.0175	0.0365	0.000099	45.0	102.5	0.495	0.0185	1020	0.113	0.0050	0.000127	0.00557	0.00248	2.75	0.000007	0.0111	0.0040	0.0064	0.0000
2038	3490	4.27	24.09	0.272	1357	0.742	857	0.000	0.000	0.000013	0.030	0.021	1.285	0.076	0.000021	188	0.00022	0.0312	0.00168	0.0173	0.0362	0.000098	44.6	101.5	0.490	0.0183	892	0.112	0.0049	0.000126	0.00552	0.00245	2.72	0.000007	0.0110	0.0040	0.0063	0.0000
2039	3192	3.73	21.06	0.237	1186	0.734	849	0.000	0.000	0.000013	0.030	0.021	1.272	0.076	0.000020	186	0.00022	0.0309	0.00166	0.0172	0.0358	0.000097	44.1	100.5	0.486	0.0181	779	0.111	0.0049	0.000125	0.00547	0.00243	2.69	0.000006	0.0109	0.0039	0.0063	0.0000
2040	2930	3.26	18.41	0.207	1036	0.727	841	0.000	0.000	0.000013	0.029	0.020	1.260	0.075	0.000020	184	0.00022	0.0306	0.00165	0.0170	0.0355	0.000096	43.7	99.6	0.481	0.0180	681	0.110	0.0048	0.000124	0.00541	0.00240	2.67	0.000006	0.0108	0.0039	0.0062	0.0000
2041	2700	2.85	16.09	0.181	906	0.720	832	0.000	0.000	0.000013	0.029	0.020	1.247	0.074	0.000020	182	0.00022	0.0303	0.00163	0.0168	0.0351	0.000095	43.3	98.6	0.476	0.0178	595	0.109	0.0048	0.000122	0.00536	0.00238	2.64	0.000006	0.0107	0.0038	0.0061	0.0000
2042	2498	2.49	14.06	0.158	792	0.713	824	0.000	0.000	0.000013	0.029	0.020	1.235	0.074	0.000020	181	0.00022	0.0300	0.00161	0.0167	0.0348	0.000094	42.9	97.6	0.471	0.0176	520	0.108	0.0047	0.000121	0.00531	0.00236	2.61	0.000006	0.0106	0.0038	0.0061	0.0000
2043	2320	2.18	12.29	0.139	692	0.706	816	0.000	0.000	0.000013	0.028	0.020	1.223	0.073	0.000020	179	0.00021	0.0297	0.00160	0.0165	0.0344	0.000093	42.4	96.7	0.467	0.0174	455	0.107	0.0047	0.000120	0.00526	0.00233	2.59	0.000006	0.0105	0.0038	0.0060	0.0000
2044	2163	1.90	10.74	0.121	605	0.699	808	0.000	0.000	0.000013	0.028	0.020	1.211	0.072	0.000019	177	0.00021	0.0295	0.00158	0.0163	0.0341	0.000092	42.0	95.7	0.462	0.0173	398	0.106	0.0046	0.000119	0.00520	0.00231	2.56	0.000006	0.0104	0.0037	0.0060	0.0000
2045	2024	1.66	9.39	0.106	529	0.693	800	0.000	0.000	0.000013	0.028	0.019	1.200	0.071	0.000019	175	0.00021	0.0292	0.00157	0.0162	0.0338	0.000092	41.6	94.8	0.458	0.0171	347	0.105	0.0046	0.000118	0.00515	0.00229	2.54	0.000006	0.0103	0.0037	0.0059	0.0000
2046	1902	1.46	8.21	0.093	462	0.686	793	0.000	0.000	0.000012	0.028	0.019	1.188	0.071	0.000019	174	0.00021	0.0289	0.00155	0.0160	0.0334	0.000091	41.2	93.9	0.453	0.0169	304	0.104	0.0045	0.000116	0.00510	0.00227	2.51	0.000006	0.0102	0.0037	0.0058	0.0000
2047	1794	1.27	7.17	0.081	404	0.679	785	0.000	0.000	0.000012	0.027	0.019	1.176	0.070	0.000019	172	0.00021	0.0286	0.00154	0.0159	0.0331	0.000090	40.8	93.0	0.449	0.0168	265	0.103	0.0045	0.000115	0.00505	0.00225	2.49	0.000006	0.0101	0.0036	0.0058	0.0000
2048	1698	1.11	6.27	0.071	353	0.673	777	0.000	0.000	0.000012	0.027	0.019	1.165	0.069	0.000019	170	0.00020	0.0283	0.00152	0.0157	0.0328	0.000089	40.4	92.1	0.445	0.0166	232	0.102	0.0044	0.000114	0.00500	0.00222	2.47	0.000006	0.0100	0.0036	0.0057	0.0000
2049	1613	0.97	5.48	0.062	309	0.666	770	0.000	0.000	0.000012	0.027	0.019	1.153	0.069	0.000019	169	0.00020	0.0281	0.00151	0.0156	0.0325	0.000088	40.0	91.2	0.440	0.0164	203	0.101	0.0044	0.000113	0.00496	0.00220	2.44	0.000006	0.0099	0.0036	0.0057	0.0000
2050	1537	0.85	4.79	0.054	270	0.659	762	0.000	0.000	0.000012	0.027	0.019	1.142	0.068	0.000018	167	0.00020	0.0278	0.00149	0.0154	0.0322	0.000087	39.6	90.3	0.436	0.0163	177	0.100	0.0044	0.000112	0.00491	0.00218	2.42	0.000006	0.0098	0.0035	0.0056	0.0000
2051	1470	0.74	4.19	0.047	236	0.653	755	0.000	0.000	0.000012	0.026	0.018	1.131	0.067	0.000018	165	0.00020	0.0275	0.00148	0.0153	0.0318	0.000086	39.2	89.4	0.432	0.0161	155	0.099	0.0043	0.000111	0.00486	0.00216	2.39	0.000006	0.0097	0.0035	0.0056	0.0000
2052	1410	0.65	3.66	0.041	206	0.647	747	0.000	0.000	0.000012	0.026	0.018	1.120	0.067	0.000018	164	0.00020	0.0272	0.00146	0.0151	0.0315	0.000086	38.9	88.5	0.428	0.0160	135	0.098	0.0043	0.000110	0.00481	0.00214	2.37	0.000006	0.0096	0.0034	0.0055	0.0000
2053	1357	0.57	3.20	0.036	180	0.640	740	0.000	0.000	0.000012	0.026	0.018	1.109	0.066	0.000018	162	0.00019	0.0270	0.00145	0.0150	0.0312	0.000085	38.5	87.7	0.423	0.0158	118	0.097	0.0042	0.000109	0.00477	0.00212	2.35	0.000006	0.0095	0.0034	0.0055	0.0000
2054	1309	0.50	2.80	0.032	157	0.634	733	0.000	0.000	0.000012	0.026	0.018	1.098	0.065	0.000018	161	0.00019	0.0267	0.00144	0.0148	0.0309	0.000084	38.1	86.8	0.419	0.0157	103	0.096	0.0042	0.000108	0.00472	0.00210	2.32	0.000006	0.0094	0.0034	0.0054	0.0000
2055	1265	0.43	2.44	0.028	138	0.628	726	0.000	0.000	0.000011	0.025	0.018	1.088	0.065	0.000017	159	0.00019	0.0265	0.00142	0.0147	0.0306	0.000083	37.7	86.0	0.415	0.0155	90	0.095	0.0042	0.000107	0.00467	0.00208	2.30	0.000006	0.0093	0.0033	0.0053	0.0000
2056	1227	0.38	2.14	0.024	120	0.622	719	0.000	0.000	0.000011	0.025	0.017	1.077	0.064	0.000017	158	0.00019	0.0262	0.00141	0.0145	0.0303	0.000082	37.4	85.1	0.411	0.0154	79	0.094	0.0041	0.000106	0.00463	0.00206	2.28	0.000005	0.0092	0.0033	0.0053	0.0000
2057	1192	0.33	1.87	0.021	105	0.616	712	0.000	0.000	0.000011	0.025	0.017	1.067	0.063	0.000017	156	0.00019	0.0259	0.00139	0.0144	0.0300	0.000081	37.0	84.3	0.407	0.0152	69	0.093	0.0041	0.000105	0.00458	0.00204	2.26	0.000005	0.0091	0.0033	0.0052	0.0000
2058	1160	0.29	1.63	0.018	92	0.610	705	0.000	0.000	0.000011	0.025	0.017	1.056	0.063	0.000017	155	0.00018	0.0257	0.00138	0.0142	0.0297	0.000081	36.6	83.5	0.403	0.0151	60	0.092	0.0040	0.000104	0.00454	0.00202	2.24	0.000005	0.0090	0.0033	0.0052	0.0000
2059	1131	0.25	1.43	0.016	80	0.604	698	0.000	0.000	0.000011	0.024	0.017	1.046	0.062	0.000017	153	0.00018	0.0254	0.00137	0.0141	0.0294	0.000080	36.3	82.7	0.399	0.0149	53	0.091	0.0040	0.000103	0.00449	0.00200	2.21	0.000005	0.0089	0.0032	0.0051	0.0000
2060	1104	0.22	1.25	0.014	70	0.598	691	0.000	0.000	0.000011	0.024	0.017	1.036	0.062	0.000017	152	0.00018	0.0252	0.00135	0.0140	0.0292	0.000079	35.9	81.9	0.395	0.0148	46	0.090	0.0040	0.000102	0.00445	0.00198	2.19	0.000005	0.0089	0.0032	0.0051	0.0000
2061	1080	0.19	1.09	0.012	61	0.592	684	0.000	0.000	0.000011	0.024	0.017	1.026	0.061	0.000016	150	0.00018	0.0249	0.00134	0.0138	0.0289	0.000078	35.6	81.1	0.391	0.0146	40	0.090	0.0039	0.000101	0.00441	0.00196	2.17	0.000005	0.0088	0.0032	0.0050	0.0000
2062	1058	0.17	0.95	0.011	54	0.586	678	0.000	0.000	0.000011	0.024	0.016	1.016	0.060	0.000016	149	0.00018	0.0247	0.00133	0.0137	0.0286	0.000078	35.2	80.3	0.388	0.0145	35	0.089	0.0039	0.000100	0.00436	0.00194	2.15	0.000005	0.0087	0.0031	0.0050	0.0000
2063	1038	0.15	0.83	0.009	47	0.581	671	0.000	0.000	0.000011	0.023	0.016	1.006	0.060	0.000016	147	0.00018	0.0245	0.00131	0.0136	0.0283	0.000077	34.9	79.5	0.384	0.0143	31	0.088	0.0038	0.000099	0.00432	0.00192	2.13	0.000005	0.0086	0.0031	0.0049	0.0000
2064	1019	0.13	0.73	0.008	41	0.575	665	0.000	0.000	0.000010	0.023	0.016	0.996	0.059	0.000016	146	0.00017	0.0242	0.00130	0.0134	0.0280	0.000076	34.5	78.7	0.380	0.0142	27	0.087	0.0038	0.000098	0.00428	0.00190	2.11	0.000005	0.0085	0.0031	0.0049	0.0000
2065	1001	0.11	0.64	0.007	36	0.569	658	0.000	0.000	0.000010	0.023	0.016	0.986	0.059	0.000016	144	0.00017	0.0240	0.00129	0.0133	0.0278	0.000075	34.2	77.9	0.376	0.0141	24	0.086	0.0038	0.000097	0.00424	0.00188	2.09	0.000005	0.0084	0.0030	0.0049	0.0000
2066	984	0.10	0.56	0.006	31	0.564	652	0.000	0.000	0.000010	0.023	0.016	0.977	0.058	0.000016	143	0.00017	0.0238	0.00128	0.0132	0.0275	0.000075	33.9	77.2	0.373	0.0139	21	0.085	0.0037	0.000096	0.00420	0.00186	2.07	0.000005	0.0084	0.0030	0.0048	0.0000
2067	969	0.09	0.49	0.005	27	0.558	645	0.000	0.000	0.000010	0.022	0.016	0.967	0.058	0.000016	141	0.00017	0.0235	0.00126	0.0130	0.0272	0.000074	33.5	76.4	0.369	0.0138	18	0.084	0.0037	0.000095	0.00416	0.00185	2.05	0.000005	0.0083	0.0030	0.0048	0.0000
2068	954	0.08	0.42	0.005	24	0.553	639	0.000	0.000	0.000010	0.022	0.016	0.958	0.057	0.000015	140	0.00017	0.0233	0.00125	0.0129	0.0270	0.000073	33.2	75.7	0.366	0.0136	16	0.084	0.0037	0.000094	0.00411	0.00183	2.03	0.000005	0.0082	0.0029	0.0047	0.0000
2069	941	0.07	0.37	0.004	21	0.548	633	0.000	0.000	0.000010	0.022	0.015	0.948	0.056	0.000015	139	0.00017	0.0231	0.00124	0.0128	0.0267	0.000072	32.9	75.0	0.362	0.0135	14	0.083	0.0036	0.000093	0.00407	0.00181	2.01	0.000005	0.0081	0.0029	0.0047	0.0000
2070	928	0.06	0.32	0.004	18	0.542	627	0.000	0.000	0.000010	0.022	0.015	0.939	0.056	0.000015	137	0.00016	0.0228	0.00123	0.0127	0.0264	0.000072	32.6	74.2	0.358	0.0134	12	0.082	0.0036	0.000092	0.00404	0.00179	1.99	0.000005	0.0080	0.0029	0.0046	0.0000
2071	915	0.05	0.28	0.003	16	0.537	621	0.000	0.000	0.000010	0.022	0.015	0.930	0.055	0.000015	136	0.00016	0.0226	0.00122	0.0125	0.0262	0.000071	32.3	73.5	0.355	0.0133	10	0.081	0.0035	0.000091	0.00400	0.00178	1.97	0.000005	0.0080	0.0029	0.0046	0.0000
2072	904	0.04	0.25	0.003	14	0.532	614	0.000	0.000	0.000010	0.021	0.015	0.921	0.055	0.000015	135	0.00016	0.0224	0.00120	0.0124	0.0259	0.000070	31.9	72.8	0.351	0.0131	9.18	0.080	0.0035	0.000090	0.00396	0.00176	1.95	0.000005	0.0079	0.0028	0.0045	0.0000
2073	892	0.04	0.22	0.002	12	0.527	608	0.000	0.000	0.000010	0.021	0.015	0.912	0.054	0.000015	133	0.00016	0.0222	0.00119	0.0123	0.0257	0.000070	31.6	72.1	0.348	0.0130	8.02	0.080	0.0035	0.000089	0.00392	0.00174	1.93	0.000005	0.0078	0.0028	0.0045	0.0000
2074	882	0.03	0.19	0.002	11	0.521	603	0.000	0.000	0.000009	0.021	0.015	0.903	0.054	0.000015	132	0.00016	0.0220	0.00118	0.0122	0.0254	0.000069	31.3	71.4	0.345	0.0129	7.01	0.079	0.0034	0.000089	0.00388	0.00172	1.91	0.000005	0.0077	0.0028	0.0044	0.0000
2075	871	0.03	0.17	0.002	9.33	0.516	597	0.000	0.000	0.000009	0.021	0.015	0.894	0.053	0.000014	131	0.00016	0.0217	0.00117	0.0121	0.0252	0.000068	31.0	70.7	0.341	0.0127	6.13	0.078	0.0034	0.000088	0.00384	0.00171	1.89	0.000005	0.0077	0.0028	0.0044	0.0000
2076	861	0.03	0.14	0.002	8.15	0.511	591	0.000	0.000	0.000009	0.021	0.014	0.886	0.053	0.000014	130	0.00016	0.0215	0.00116	0.0119	0.0249	0.000068	30.7	70.0	0.338	0.0126	5.36	0.077	0.0034	0.000087	0.00380	0.00169	1.87	0.000005	0.0076	0.0027	0.0044	0.0000
2077	851	0.02	0.13	0.001	7.13	0.506	585	0.000	0.000	0.000009	0.020	0.014	0.877	0.052	0.000014	128	0.00015	0.0213	0.00115	0.0118	0.0247	0.000067	30.4	69.3	0.335	0.0125	4.68	0.077	0.0033	0.000086	0.00377	0.00167	1.86	0.000004	0.0075	0.0027	0.0043	0.0000
2078	842	0.02	0.11	0.001	6.23	0.501	579	0.000	0.000	0.000009	0.020	0.014	0.868	0.052	0.000014	127	0.00015	0.0211	0.00113	0.0117	0.0244	0.000066	30.1	68.6	0.331	0.0124	4.09	0.076	0.0033	0.000085	0.00373	0.00166	1.84	0.000004	0.0074	0.0027	0.0043	0.0000
2079	833	0.02	0.10	0.001	5.44	0.496	574	0.000	0.000	0.000009	0.020	0.014	0.860	0.051	0.000014	126	0.00015	0.0209	0.00112	0.0116	0.0242	0.000066	29.8	68.0	0.328	0.0123	3.58	0.075	0.0033	0.000084	0.00369	0.00164	1.82	0.000004	0.0074	0.0026	0.0042	0.0000
2080	824	0.01	0.08	0.001	4.76	0.492	568	0.000	0.000	0.000009	0.020	0.014	0.852	0.051	0.000014	125	0.00015	0.0207	0.00111	0.0115	0.0240	0.000065	29.5	67.3	0.325	0.0121	3.13	0.074	0.0033	0.000084	0.00366	0.00163	1.80	0.000004	0.0073	0.0026	0.0042	0.0000
2081	815	0.01	0.07	0.001	4.16	0.487	563	0.000	0.000	0.000009	0.020	0.014	0.843	0.050	0.000014	123	0.00015	0.0205	0.00110	0.0114	0.0237	0.000064	29.3	66.6	0.322	0.0120	2.73	0.074	0.0032	0.000083	0.00362	0.00161	1.78	0.000004	0.0072	0.0026	0.0041	0.0000
2082	807	0.01	0.06	0.001	3.64	0.482	557	0.000	0.000	0.000009	0.019	0.014	0.835	0.050	0.000013	122	0.00015	0.0203	0.00109	0.0113	0.0235	0.000064	29.0	66.0	0.319	0.0119	2.39	0.073	0.0032	0.000082	0.00359	0.00159	1.77	0.000004	0.0071	0.0026

Appendix C.1-7: TSF

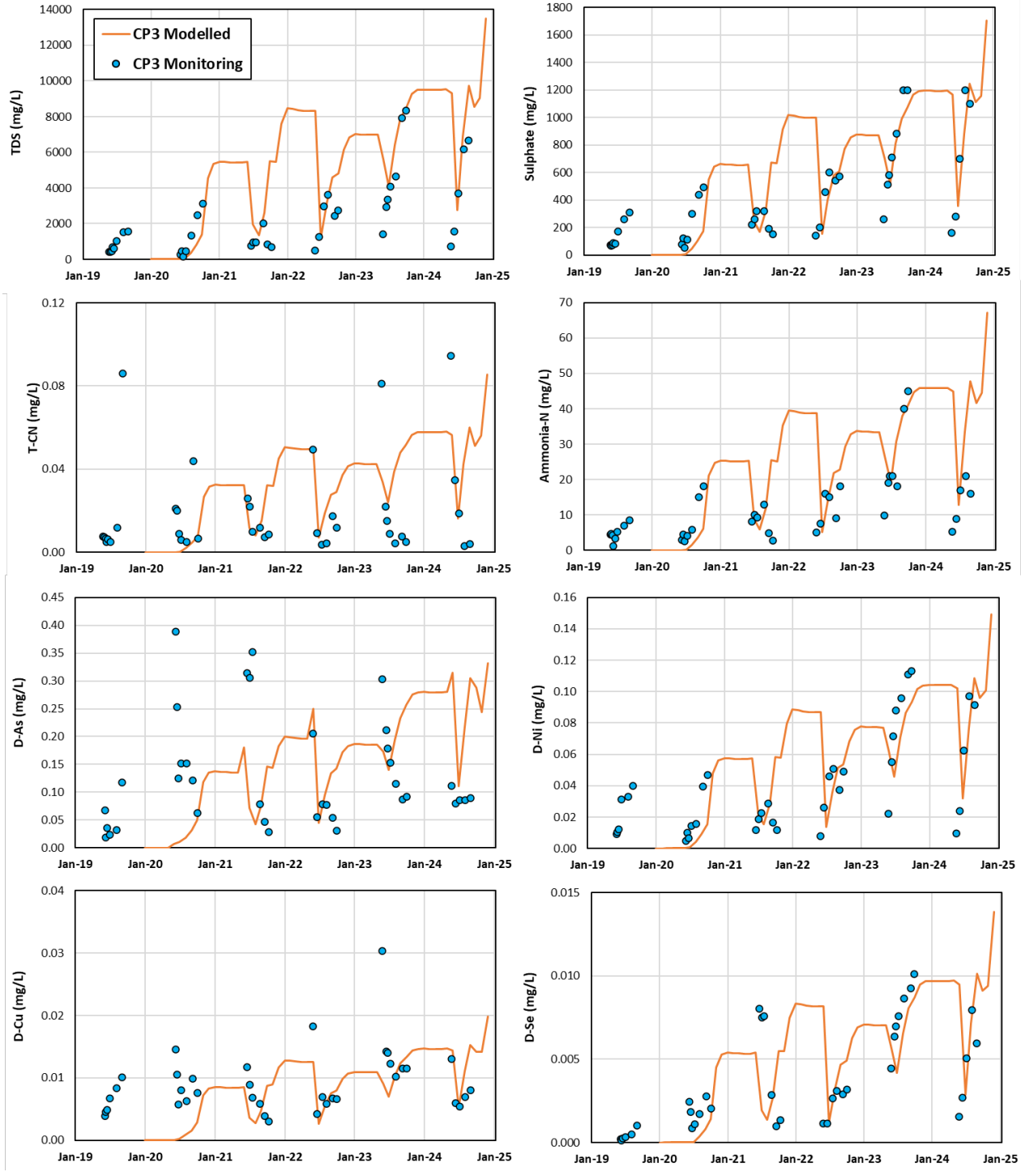
Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2100	676	0.00	0.01	0.000	0	0.404	467	0.000	0.000	0.000007	0.016	0.011	0.700	0.042	0.000011	102	0.00012	0.0170	0.00091	0.0094	0.0197	0.000053	24.3	55.3	0.267	0.0100	0	0.061	0.0027	0.000069	0.00301	0.00134	1.48	0.000004	0.0060	0.0022	0.0034	0.0000
TSF Infiltration																																						
2020	20000	94.00	182.60	0.239	8080	0.104	2376	0.120	0.010	0.000124	0.037	0.444	1.460	0.279	0.000267	1140	0.00046	0.0435	0.00253	0.0278	0.0873	0.000016	314.0	712.0	3.168	0.0280	4304	0.230	0.0139	0.001330	0.00539	0.01947	5.15	0.000193	0.0702	0.0069	0.0159	0.0075
2021	20000	94.00	182.60	0.239	8080	0.104	2376	0.120	0.010	0.000123	0.037	0.443	1.460	0.280	0.000267	1140	0.00046	0.0436	0.00254	0.0280	0.0876	0.000016	314.0	712.0	3.186	0.0280	4304	0.230	0.0139	0.001320	0.00539	0.01949	5.13	0.000193	0.0702	0.0069	0.0159	0.0075
2022	19300	94.00	182.60	0.239	7656	0.104	2365	0.120	0.010	0.000121		0.440	1.460	0.286	0.000270	1120	0.00045	0.0433	0.00259	0.0270	0.0848	0.000016	311.0	712.0	3.102	0.0276	4200	0.234	0.0137	0.001320	0.00534	0.01909	5.13	0.000196	0.0702	0.0070	0.0155	0.0069
2023	19200	94.00	182.60	0.239	7576	0.104	2365	0.120	0.010	0.000122	0.037	0.440	1.460	0.283	0.000266	1120	0.00045	0.0431	0.00255	0.0270	0.0852	0.000016	310.0	712.0	3.108	0.0278	4176	0.230	0.0138	0.001330	0.00528	0.01914	5.13	0.000195	0.0699	0.0070	0.0156	0.0068
2024	18800	94.00	182.60	0.239	7352	0.104	2354	0.120	0.010	0.000123	0.038	0.444	1.460	0.292	0.000271	1110	0.00045	0.0430	0.00258	0.0268	0.0853	0.000015	308.0	712.0	3.096	0.0278	4120	0.230	0.0138	0.001330	0.00528	0.01914	5.18	0.000199	0.0711	0.0071	0.0156	0.0065
2025	14726	94.04	182.93	0.239	6279	0.104	2330	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1063	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	299.1	712.0	5.081	0.0238	3834	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0050
2026	12031	94.04	182.93	0.239	4270	0.104	2279	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	978	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	281.7	712.0	5.081	0.0238	3300	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0021
2027	15043	94.04	182.93	0.239	6515	0.104	2336	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1073	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	301.1	712.0	5.081	0.0238	3897	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0053
2028	15201	94.04	182.93	0.239	6633	0.104	2339	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1078	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	302.1	712.0	5.081	0.0238	3928	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0055
2029	15915	94.04	182.93	0.239	7165	0.104	2352	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1100	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	306.7	712.0	5.081	0.0238	4069	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0062
2030	16787	94.04	182.93	0.239	7815	0.104	2368	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1128	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	312.3	712.0	5.081	0.0238	4242	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0071
2031	16549	94.04	182.93	0.239	7638	0.104	2364	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1120	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	310.8	712.0	5.081	0.0238	4195	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0069
2032	15122	94.04	182.93	0.239	6574	0.104	2337	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1075	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	301.6	712.0	5.081	0.0238	3912	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0054
2033	14964	94.04	182.93	0.239	6456	0.104	2334	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1070	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	300.6	712.0	5.081	0.0238	3881	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0052
2034	15598	94.04	182.93	0.239	6929	0.104	2346	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1090	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	304.7	712.0	5.081	0.0238	4007	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0059
2035	16390	94.04	182.93	0.239	7520	0.104	2361	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1115	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	309.8	712.0	5.081	0.0238	4163	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0067
2036	15439	94.04	182.93	0.239	6811	0.104	2343	0.120	0.010	0.000102	0.044	0.337	1.457	0.289	0.000268	1085	0.00047	0.0738	0.00547	0.0366	0.0810	0.000016	303.7	712.0	5.081	0.0238	3975	0.406	0.0143	0.000916	0.00517	0.01940	4.65	0.000213	0.0580	0.0145	0.0182	0.0057
2037	5365	25.08	48.78	0.200	1816	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	189.9	0.716	0.0238	1060	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2038	3081	6.69	13.01	0.200	484	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	50.6	0.716	0.0238	283	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2039	2508	1.78	3.47	0.200	129	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	75	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2040	2390	0.48	0.93	0.200	34	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2041	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2042	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2043	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2044	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2045	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2046	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2047	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2048	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2049	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2050	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2051	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2052	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2053	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2054	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2055	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2056	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2057	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2058	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2059	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2060	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2061	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2062	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2063	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2064	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2065	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2066	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2067	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2068	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2069	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2070	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2071	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2072	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2073	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2074	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2075	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2076	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2077	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2078	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2079	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2080	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020	0.000100	0.00262	0.00651	1.42	0.000026	0.0023	0.0010	0.0052	0.0057
2081	2365	0.40	0.40	0.200	10	0.104	1625	0.120	0.005	0.000020	0.012	0.119	0.519	0.025	0.000040	534	0.00005	0.0069	0.00100	0.0014	0.0640	0.000016	65.7	49.9	0.716	0.0238	54	0.003	0.0020

Appendix C.1-8: Underground Mine

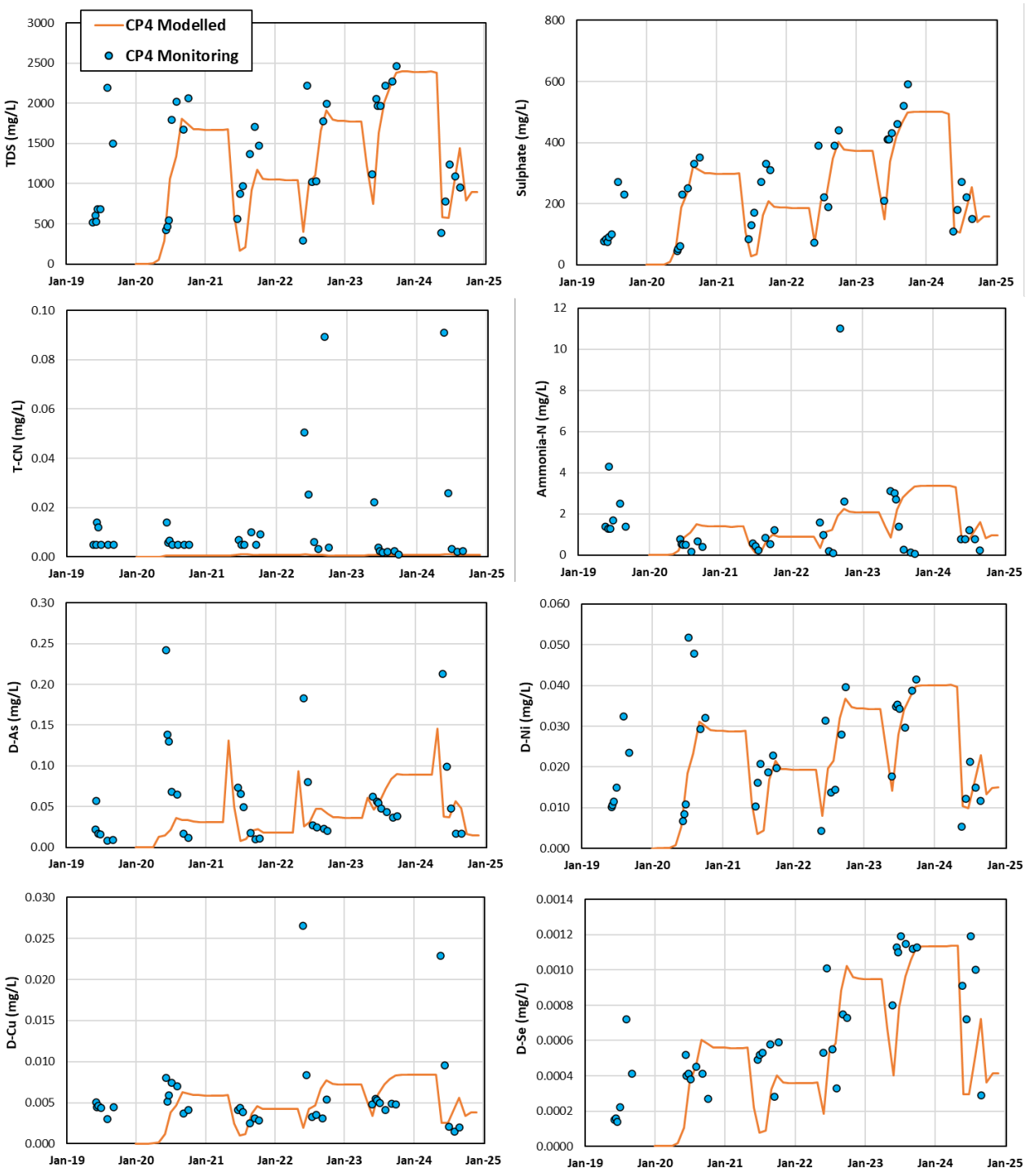
Year	TDS	NH_3-N	NO_3-N	NO_2-N	Cl	F	SO_4	T-CN	WAD-CN	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	U	V	Zn	Ra-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L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

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

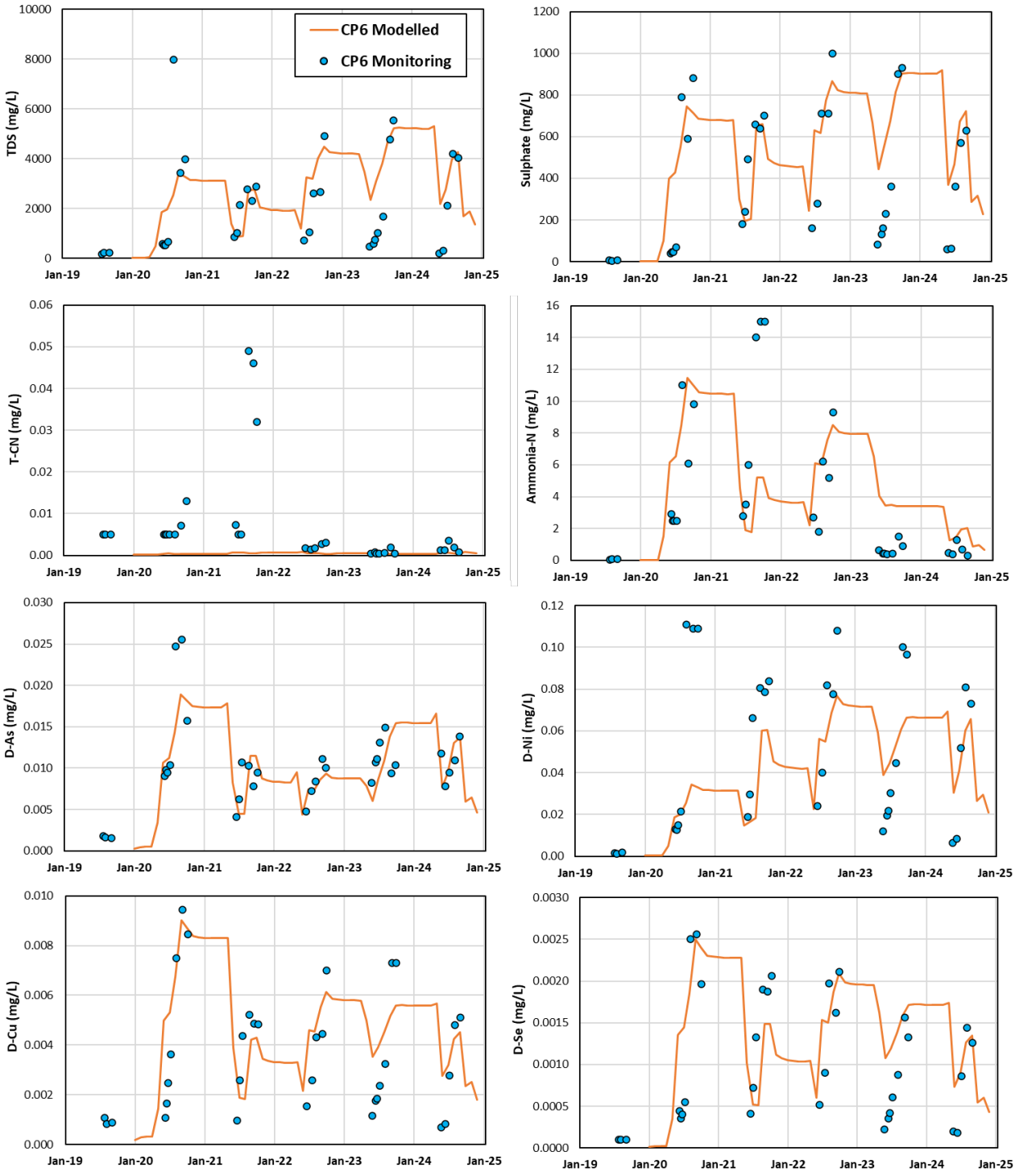
Validation Results for CP3



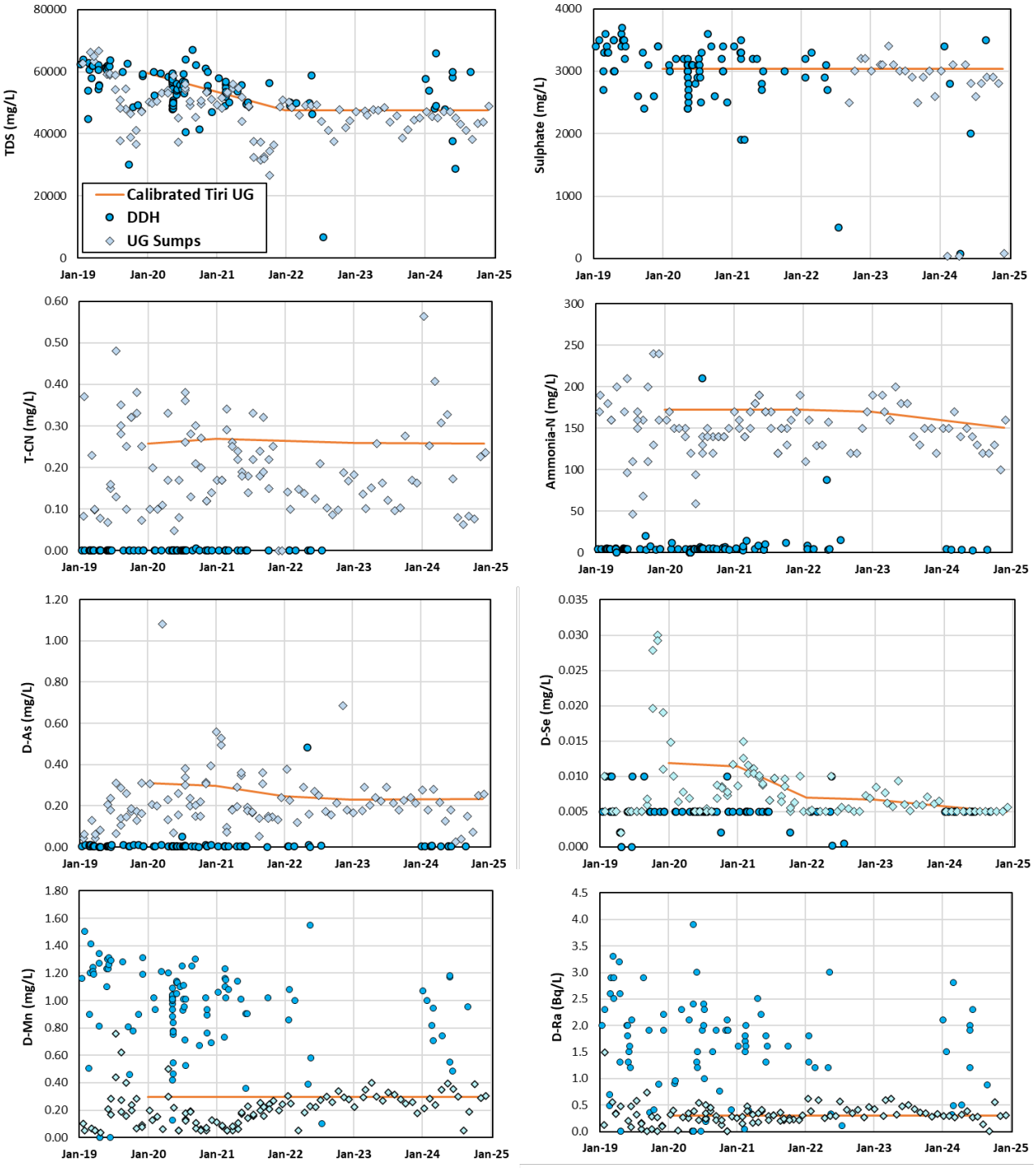
Validation Results for CP4



Validation Results for CP6



Validation Results for Tiriganiaq Underground



Appendix D: Water Quality Model Results

APPENDIX D.1: END OF PIPE

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

APPENDIX D.3: CONJOINED PIT LAKES

AGNICO EAGLE

D.1: End of Pipe

Appendix D.1-1: EWTP-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2026-2036): Min	51.1	0.0693	0.257	0.005	20.7	0.00626	8.13	5.85E-05	0.0000395	0.000000377	0.000341	0.000569	0.00799	0.00126	0.000000947	2.43	0.00000233	0.000141	0.0000152	0.0000935	0.00137	0.000000605	0.539	0.923	0.0119	0.00012	13.1	0.000643	0.00282	0.00000453	0.0000305	0.0000168	0.0535	0.00000266	0.0000954	0.0000475	0.000124	0.0000437
Operations (2026-2036): Mean	650	0.663	2.55	0.0392	261	0.0627	96.5	0.000608	0.000401	0.000004	0.00415	0.00635	0.09	0.0157	0.0000254	25.1	0.0000223	0.00148	0.0001186	0.00103	0.0192	0.00000817	4.44	11.2	0.078	0.0015	160	0.00767	0.0572	0.0000739	0.000405	0.000209	0.388	0.0000166	0.000932	0.000832	0.00114	0.000264
Operations (2026-2036): Max	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000177	0.0118	0.0229	0.291	0.0646	0.000172	69.4	0.0000592	0.00547	0.000634	0.00285	0.0492	0.0000202	18	34	0.284	0.00544	520	0.026	0.473	0.000287	0.00125	0.000813	1.31	0.0000653	0.00372	0.00429	0.003	0.00118
NWB Water License/MDMER	***3500***	***14***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	***2***	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.2***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	***2***	***0.1***	**-**	**-**	**-**	**-**	**-**	**-**	***0.4***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2036)																																						
2026 Jan																																						
2026 Feb																																						
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2026 Apr																																						
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2026 Jun																																						
2026 Jul	331	0.578	2.46	0.0284	149	0.0346	42.8	0.000522	0.00021	0.00000266	0.00187	0.00445	0.0485	0.00951	0.0000186	12.1	0.0000113	0.000923	0.0000976	0.000486	0.00729	0.00000329	3.36	5.64	0.0594	0.000837	88.7	0.00417	0.111	0.0000276	0.000192	0.00013	0.291	0.0000145	0.000652	0.000513	0.000588	0.000257
2026 Aug	1350	2.35	9.73	0.111	610	0.14	174	0.00214	0.000894	0.0000107	0.00775	0.0174	0.195	0.0379	0.0000692	50.5	0.0000447	0.00383	0.000397	0.00199	0.0311	0.0000141	13.6	23.4	0.23	0.00339	368	0.0168	0.432	0.000108	0.000769	0.000533	1.13	0.0000542	0.00264	0.00196	0.00239	0.000973
2026 Sep	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000177	0.0118	0.0229	0.291	0.0646	0.000172	69.4	0.0000592	0.00547	0.000634	0.00285	0.0425	0.0000202	18	34	0.284	0.00544	520	0.026	0.473	0.000146	0.00125	0.000813	1.31	0.0000653	0.00372	0.00429	0.003	0.00118
2026 Oct	600	0.922	3.27	0.0358	261	0.0487	74.7	0.000821	0.000284	0.00000414	0.00287	0.00573	0.081	0.0158	0.0000389	19.9	0.0000162	0.00169	0.000163	0.000753	0.00932	0.00000542	5.06	10.2	0.0761	0.00146	159	0.00738	0.109	0.0000344	0.000344	0.000233	0.345	0.0000156	0.00112	0.00101	0.000742	0.00028
2026 Nov																																						
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2027 Jun	297	0.513	2.33	0.0296	135	0.0341	39.7	0.000446	0.0002	0.00000229	0.00174	0.00391	0.0434	0.00784	0.0000114	11.5	0.0000113	0.000834	0.0000828	0.000427	0.00681	0.00000299	2.99	5.22	0.0601	0.000677	86.5	0.00353	0.108	0.0000252	0.000162	0.000107	0.303	0.0000154	0.000569	0.000362	0.000619	0.00026
2027 Jul																																						
2027 Aug	443	0.532	2.31	0.0291	188	0.0414	55.8	0.000639	0.00043	0.00000397	0.0037	0.00516	0.0563	0.0129	0.0000262	16.4	0.0000164	0.000917	0.000131	0.000657	0.0168	0.00000594	3.19	6.97	0.0563	0.00099	117	0.00459	0.105	0.0000481	0.000272	0.000136	0.282	0.0000141	0.000603	0.000764	0.00104	0.000227
2027 Sep	1360	1.18	4.43	0.0581	560	0.0928	174	0.00114	0.000725	0.00000857	0.00775	0.01	0.158	0.0313	0.0000865	41.9	0.0000365	0.00238	0.000333	0.00174	0.0292	0.000014	6.7	20.1	0.102	0.00291	335	0.0137	0.104	0.0000849	0.000789	0.000378	0.474	0.0000214	0.0015	0.00229	0.00185	0.000298
2027 Oct	279	0.331	1.05	0.0112	118	0.017	37.9	0.00032	0.000124	0.00000167	0.00135	0.00207	0.0315	0.00616	0.0000183	9.53	0.00000687	0.000501	0.0000685	0.000364	0.00456	0.00000236	1.51	4.89	0.0239	0.000598	72.2	0.00294	0.0186	0.0000136	0.00015	0.0000917	0.0886	0.00000427	0.000321	0.000474	0.000314	0.0000624
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2028 Jun	62	0.109	0.322	0.00524	27.8	0.00626	8.99	0.000105	0.0000395	0.000000377	0.000341	0.00109	0.00799	0.00126	0.000000994	2.59	0.00000233	0.000151	0.0000152	0.0000959	0.00137	0.000000605	0.574	1.21	0.0119	0.00012	17.4	0.000744	0.00282	0.00000453	0.0000305	0.0000241	0.0535	0.00000266	0.000106	0.0000475	0.000124	0.0000437
2028 Jul																																						
2028 Aug	386	0.56	1.82	0.0324	163	0.0447	55.5	0.000658	0.000407	0.000003	0.00329	0.00751	0.0513	0.00944	0.00000532	16.6	0.0000169	0.000852	0.000108	0.000738	0.0169	0.00000583	3.34	6.78	0.0681	0.000777	98.6	0.0045	0.0246	0.0000486	0.000223	0.000135	0.328	0.0000159	0.000569	0.000315	0.00105	0.000242
2028 Sep	339	0.436	1.51	0.028	141	0.0419	49.6	0.000595	0.000444	0.00000299	0.00366	0.00939	0.0464	0.00981	0.00000436	15.7	0.000017	0.000757	0.000114	0.00073	0.0208	0.00000627	2.86	5.89	0.0589	0.000702	84.6	0.00398	0.0256	0.0000678	0.00022	0.000116	0.286	0.0000133	0.000476	0.000323	0.0011	0.000195
2028 Oct	474	0.461	1.75	0.0345	207	0.0538	68.4	0.000417	0.000378	0.00000277	0.00371	0.00828	0.0659	0.0112	0.00000365	19.7	0.000019	0.00129	0.000133	0.00079	0.0197	0.00000724	3.57	7.86	0.0623	0.00102	131	0.00525	0.0237	0.0000701	0.000287	0.00014	0.341	0.0000133	0.000754	0.000325	0.00103	0.000195
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2029 Aug	566	0.577	2.18	0.0452	212	0.0688	79.5	0.00079	0.000732	0.0000048	0.00627	0.00714	0.0762	0.0145	0.00000571	23.3	0.0000284	0.0012	0.000161	0.00111	0.0314	0.0000107	4.31	8.39	0.0827	0.0012	128	0.00607	0.0418	0.0000799	0.000381	0.000161	0.457	0.0000209	0.000712	0.000487	0.00187	0.000301
2029 Sep	428	0.382	1.4	0.0259	149	0.0437	62.2	0.000539	0.000479	0.00000301	0.00427	0.0044	0.0525	0.00901	0.00000351	16.6	0.0000193	0.000804	0.000112	0.000817	0.0207	0.00000764	2.69	6.42	0.0474	0.000865	87.1	0.00463	0.0257	0.0000503	0.000283	0.000124	0.247	0.00001	0.000464	0.000343	0.00124	0.000135
2029 Oct																																						
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2030 Aug	680	0.699	2.59	0.0541	260	0.0772	94	0.00069	0.00059	0.00000485	0.00548	0.0102	0.0934	0.0162	0.0000168	25	0.0000279	0.00142	0.000171	0.00112	0.0247	0.00000969	5.21	9.83	0.0982	0.00149	154	0.00722	0.0363	0.0000625	0.000411	0.000187	0.559	0.0000264	0.000908	0.000665	0.00163	0.000444
2030 Sep	533	0.546	1.99	0.0379	197	0.0567	75.5	0.000555	0.000444	0.00000353	0.00422	0.00759	0.0714	0.0117	0.0000116	19.6	0.0000213	0.0011	0.000133	0.000921	0.0188	0.00000768	3.82	7.98	0.0693	0.00116	116	0.00586	0.0261	0.0000468	0.000328	0.000154	0.379	0.0000171	0.00067	0.000499	0.00123	0.000284
2030 Oct	163	0.17	0.589	0.0106	61.7	0.0165	22.5	0.000172	0.000129	0.0000011	0.00126	0.00271	0.0222	0.00386	0.00000504	5.92	0.0000062	0.000368	0.0000419	0.000269	0.00557	0.00000229	1.21	2.47	0.0197	0.000374	35.9	0.00183	0.00725	0.0000149	0.000103	0.0000499	0.108	0.00000462	0.000226	0.000181	0.000345	0.0000843
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2031 Aug																																						
2031 Sep	384	0.316	1.19	0.0223	155	0.0356	57.9	0.000223	0.000176	0.00000175	0.00198	0.0039	0.0502	0.00884	0.00000855	15.2	0.0000122	0.000887	0.000116	0.000562	0.0126	0.00000445	2.51	6.51	0.0459	0.0008	94.8	0.00418	0.0115	0.0000775	0.000221	0.000112	0.232	0.00000882	0.000537	0.000371	0.000571	0.000162
2031 Oct	651	0.576	2.13	0.0379	273	0.0631	102	0.000294	0.000192	0.00000226	0.00282	0.00499	0.0923	0.0116	0.00000829	24.8	0.0000199	0.00188	0.000148	0.000855	0.0117	0.0000073	4.68	11.7	0.0703	0.00145	171	0.0077	0.0139	0.0000553	0.000382	0.000202	0.388	0.000013	0.00114	0.000418	0.000787	0.000221
2031 Nov																																						
2031 Dec																																						
2032 Jan																																						
2032 Feb																																						

Appendix D.1-1: EWTP-Dissolved

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

Appendix D.1-2: EWTP-Total

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

Appendix D.1-2: EWTP-Total

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

Appendix D.1-3: Waterline-Dissolved

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Unit:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operations (2026-2036): Min	477	0.634	2.34	0.0529	190	0.0361	74.5	0.000534	0.000413	0.00000377	0.00374	0.00529	0.0795	0.0144	0.00000672	22.2	0.0000228	0.00067	0.000163	0.000864	0.016	0.00000555	4.9	8.41	0.0998	0.00118	120	0.00591	0.0296	0.0000496	0.000303	0.000154	0.589	0.0000192	0.00052	0.00046	0.00128	0.000371
Operations (2026-2036): Mean	9990	13.5	18	0.454	6410	0.111	693	0.0162	0.00183	0.0000908	0.0106	0.0314	0.351	0.0804	0.0000481	337	0.000124	0.00236	0.00201	0.00231	0.0486	0.0000159	92.8	41.2	0.193	0.0157	2990	0.0214	0.0955	0.000191	0.00489	0.00111	8.24	0.0000391	0.00155	0.00353	0.00878	0.0562
Operations (2026-2036): Max	24800	37.7	44.6	1.18	16400	0.194	1550	0.0465	0.00379	0.000231	0.017	0.0672	0.664	0.166	0.000128	821	0.000258	0.0048	0.00471	0.00341	0.0894	0.0000265	236	77.1	0.284	0.0355	7530	0.0375	0.447	0.000423	0.0118	0.00227	20.9	0.0000665	0.00287	0.007	0.0196	0.15
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	***0.1***	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	***0.37***
Active Closure (2037-2043): Min	720	2.12	6.56	0.0386	248	0.049	106	0.00314	0.000477	0.00000498	0.00379	0.0146	0.0857	0.015	0.00000889	36.3	0.0000284	0.00216	0.000237	0.00149	0.0147	0.00000658	9.21	17.5	0.162	0.0015	134	0.0126	0.263	0.0000744	0.000399	0.000531	0.442	0.0000183	0.00161	0.000641	0.00137	0.000451
Active Closure (2037-2043): Mean	2030	6.17	19.3	0.113	723	0.133	298	0.00866	0.0011	0.0000116	0.00822	0.0426	0.243	0.0385	0.0000231	98.8	0.0000693	0.00627	0.000644	0.00406	0.0301	0.0000146	26.4	50.5	0.468	0.00424	392	0.0362	0.752	0.0000173	0.00101	0.0015	1.27	0.0000529	0.00472	0.00158	0.00299	0.0013
Active Closure (2037-2043): Max	2870	8.98	28	0.161	1050	0.184	411	0.0134	0.00142	0.0000158	0.0105	0.0597	0.341	0.0528	0.0000323	135	0.0000964	0.00897	0.00089	0.00569	0.0387	0.0000189	37.5	72.6	0.667	0.00583	567	0.0519	1.09	0.000254	0.00139	0.0021	1.81	0.0000762	0.00681	0.00219	0.00398	0.00184
MDMER (Schedule 4, Table 2)	**-**	***19***	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.3***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	**-**	***0.1***	**-**	**-**	**-**	**-**	**-**	**-**	***0.5***	***0.37***
Note: Calculation excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan																																						
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2027 May																																						
2027 Jun																																						
2027 Jul	6740	13.7	22.2	0.493	4190	0.147	496	0.0195	0.00216	0.0000625	0.0109	0.0363	0.314	0.0683	0.0000631	228	0.000103	0.00345	0.00141	0.00225	0.0441	0.000016	63.7	36.1	0.271	0.0123	2020	0.0203	0.447	0.000146	0.00336	0.0011	5.76	0.0000665	0.0024	0.0031	0.00705	0.0337
2027 Aug	7070	13.6	18.7	0.464	4410	0.101	499	0.0202	0.00223	0.000066	0.0114	0.0327	0.282	0.0683	0.0000828	234	0.0000971	0.00226	0.00145	0.00202	0.0482	0.0000163	63	32.8	0.158	0.0125	2090	0.0177	0.214	0.000137	0.00356	0.00104	5.55	0.0000357	0.00155	0.00353	0.0069	0.036
2027 Sep	7480	13.3	19.3	0.451	4480	0.138	586	0.0189	0.00211	0.0000644	0.013	0.0338	0.362	0.0776	0.000128	243	0.000106	0.00374	0.00153	0.00291	0.0469	0.0000212	62.3	44.7	0.19	0.0134	2160	0.0262	0.153	0.000138	0.00378	0.00122	5.3	0.0000358	0.00243	0.00456	0.00676	0.0335
2027 Oct																																						
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2028 Apr																																						
2028 May																																						
2028 Jun	2960	5.29	7.57	0.183	1790	0.0565	219	0.00727	0.000777	0.0000257	0.00419	0.0162	0.129	0.0261	0.0000197	97.5	0.0000431	0.00123	0.000587	0.00105	0.016	0.00000652	26.6	15.9	0.111	0.00479	849	0.00967	0.0401	0.0000496	0.00142	0.000459	2.39	0.0000239	0.000905	0.00117	0.00284	0.0144
2028 Jul	12800	23	29.4	0.76	8230	0.122	855	0.0322	0.0029	0.000119	0.0124	0.0526	0.426	0.0995	0.0000638	426	0.000156	0.00264	0.00251	0.00258	0.0486	0.0000159	120	49.8	0.266	0.0203	3830	0.0252	0.134	0.000144	0.00621	0.00159	10.7	0.0000584	0.00194	0.00435	0.0112	0.0716
2028 Aug	13500	24	29.4	0.783	8770	0.0996	874	0.0337	0.00303	0.000127	0.0124	0.0528	0.413	0.102	0.0000565	449	0.000158	0.00191	0.00265	0.00236	0.054	0.0000156	127	46.2	0.209	0.0212	4050	0.0224	0.134	0.000159	0.00658	0.00154	11.3	0.0000454	0.00138	0.00435	0.0117	0.0776
2028 Sep	13300	23.2	28.5	0.758	8630	0.119	871	0.0329	0.00353	0.000127	0.017	0.0661	0.42	0.11	0.0000496	452	0.000168	0.00237	0.00273	0.00287	0.0894	0.0000227	125	47.7	0.219	0.0208	3990	0.0234	0.157	0.000309	0.0066	0.00154	11.1	0.0000422	0.00153	0.00447	0.0126	0.0761
2028 Oct																																						
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2029 Mar																																						
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2029 May																																						
2029 Jun	1350	1.92	3.8	0.0917	762	0.0719	137	0.00228	0.000522	0.0000104	0.00421	0.011	0.1	0.0172	0.00000672	49.5	0.0000304	0.0014	0.000284	0.000951	0.0192	0.00000774	11.6	12.4	0.0998	0.00233	396	0.00707	0.0331	0.0000551	0.00067	0.000234	1.15	0.0000254	0.000921	0.000549	0.00179	0.00492
2029 Jul	3160	4.64	8.72	0.214	1840	0.151	291	0.00566	0.0014	0.0000274	0.0104	0.0211	0.211	0.0406	0.0000159	115	0.0000704	0.0026	0.00068	0.00207	0.05	0.0000175	28.9	23.9	0.216	0.00538	925	0.014	0.0836	0.000138	0.00161	0.000492	2.85	0.0000584	0.00171	0.00133	0.00458	0.0133
2029 Aug	2790	4.07	6.61	0.16	1640	0.0915	228	0.00537	0.00126	0.0000254	0.00914	0.0145	0.149	0.0316	0.0000121	97.7	0.0000569	0.00161	0.000597	0.00163	0.0442	0.0000148	25	16.5	0.12	0.00452	787	0.0103	0.0642	0.000113	0.00147	0.000399	2.3	0.0000287	0.000971	0.00119	0.00399	0.0129
2029 Sep	3930	5.75	8.48	0.203	2360	0.088	312	0.00744	0.0013	0.0000343	0.00907	0.0171	0.179	0.0363	0.0000136	134	0.0000659	0.00174	0.000796	0.00179	0.0416	0.0000152	34.7	21.5	0.114	0.00616	1120	0.0127	0.0606	0.000105	0.002	0.000531	3.06	0.0000226	0.00105	0.00146	0.00455	0.0191
2029 Oct																																						
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2030 Jun	9080	13.8	16.3	0.431	6010	0.0361	568	0.0173	0.0014	0.0000845	0.00544	0.025	0.243	0.0609	0.0000244	301	0.0000946	0.00067	0.00172	0.001	0.0202	0.00000555	86.3	27.2	0.1	0.0129	2760	0.012	0.0542	0.0000563	0.00431	0.000834	7.68	0.0000211	0.00052	0.00255	0.00719	0.0549
2030 Jul	24800	37.7	44.6	1.18	16400	0.0955	1550	0.0465	0.00379	0.000231	0.0149	0.0672	0.664	0.166	0.000068	821	0.000258	0.0018	0.00471	0.00274	0.0551	0.0000153	236	73.9	0.265	0.0355	7530	0.033	0.144	0.000154	0.0118	0.00227	20.9	0.0000548	0.0014	0.007	0.0196	0.15
2030 Aug	24800	37.5	44.2	1.16	16400	0.0854	1550	0.046	0.00373	0.000231	0.0146	0.0651	0.656	0.164	0.0000628	821	0.000256	0.00173	0.00471	0.00274	0.0543	0.0000153	235	73.6	0.243	0.0355	7520	0.033	0.138	0.000151	0.0118	0.00226	20.8	0.0000462	0.00129	0.00692	0.0195	0.15
2030 Sep	24100	36.2	42.7	1.12	15900	0.0823	1500	0.0441	0.00359	0.000224	0.0143	0.0631	0.638	0.159	0.0000617	797	0.000249	0.00175	0.00457	0.00272	0.0529	0.0000152	228	72	0.234	0.0344	7300	0.0325	0.132	0.000147	0.0115	0.0022	20.2	0.0000429	0.00127	0.00674	0.0189	0.145
2030 Oct																																						
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2031 Jun	7660	10.6	12.9	0.337	5060	0.0406	485	0.0127	0.00115	0.0000712	0.00513	0.0206	0.214	0.056	0.0000223	257	0.0000826	0.000778	0.00151	0.00103	0.0271	0.00000575	73.1	24.1	0.11	0.0109	2330	0.011	0.0503	0.00014	0.00365	0.000705	6.54	0.0000225	0.000559	0.0023	0.00622	0.0462
2031 Jul	21000	29	34.9	0.915	13900	0.0995	1320	0.0339	0.00311	0.000196	0.0141	0.0556	0.579	0.153	0.0000666	703	0.000225	0.00197	0.00416	0.00281	0.0745	0.0000158	200	65.7	0.275	0.0301	6370	0.0301	0.13	0.000384	0.01	0.00192	17.8	0.000053	0.00138	0.00643	0.017	0.127
2031 Aug	21200	28.9	35.1	0.916	13900	0.108	1350	0.0332	0.00307	0.000196	0.0144	0.0558	0.598	0.153	0.0000659	709	0.000228	0.00232	0.00419	0.003	0.0735	0.0000172	200	68.6	0.276	0.0307	6410	0.0319	0.126	0.000373	0.0101	0.00196	17.8	0.0000511	0.00157	0.00647	0.0171	0.127
2031 Sep	20900	27.8	35	0.892	13600	0.147	1400	0.0313	0.00282	0.000188	0.0146	0.0539	0.649	0.148	0.0000589	699	0.000231	0.00393	0.00405	0.00339	0.0618	0.0000216	195	77.1	0.284	0.0306	6320	0.0375	0.114	0.000273	0.01	0.00204	17.2	0.0000481	0.00251	0.00619	0.0166	0.122

Appendix D.1-3: Waterline-Dissolved

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

Appendix D.1-3: Waterline-Dissolved

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

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

Appendix D.1-4: Waterline-Total

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

Appendix D.1-4: Waterline-Total

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

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
Active Closure (2037-2043): Min	76	0.0486	0.117	0.00384	16.5	0.0372	18.3	0.00176	0.000939	0.00000568	0.00624	0.00196	0.0216	0.015	0.00000593	16.2	0.0000108	0.000425	0.000136	0.000943	0.0379	0.0000118	1.7	2.42	0.0228	0.000438	9.07	0.00186	0.0404	0.000026	0.000197	0.000104	0.086	0.00000242	0.000144	0.000182	0.00137	0.0000178
Active Closure (2037-2043): Mean	407	0.489	1.53	0.0263	117	0.0873	117	0.00531	0.00136	0.00000746	0.0103	0.00856	0.0989	0.0266	0.0000907	49.2	0.0000314	0.00201	0.000328	0.00191	0.0645	0.0000171	6.42	11	0.0899	0.00224	71.3	0.00743	0.062	0.000188	0.000484	0.000425	0.347	0.00000807	0.000819	0.000666	0.00223	0.000265
Active Closure (2037-2043): Max	2490	3.25	10.5	0.171	933	0.276	445	0.0118	0.00187	0.0000106	0.0135	0.0208	0.39	0.0474	0.0000216	111	0.00009	0.007	0.000679	0.00419	0.128	0.0000289	21.6	53.4	0.376	0.0061	584	0.0347	0.0868	0.000928	0.00155	0.000964	1.87	0.0000759	0.0045	0.00162	0.00389	0.00118
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Post Closure (2044-2099): Min	116	0.0511	0.0188	0.00223	14.9	0.0515	31.7	0.0018	0.00131	0.00000694	0.01	0.0025	0.0441	0.0235	0.00000726	25.4	0.0000296	0.000966	0.000262	0.00146	0.0712	0.0000158	2.86	4.9	0.0474	0.000784	6.05	0.00351	0.0644	0.000226	0.000374	0.000163	0.164	0.00000291	0.0003	0.000816	0.00235	0.00002
Post Closure (2044-2099): Mean	143	0.0763	0.0912	0.00356	21.2	0.0628	45.7	0.00223	0.00148	0.00000785	0.0114	0.00323	0.0613	0.034	0.00000822	36	0.0000359	0.0015	0.000454	0.00186	0.0953	0.000018	3.82	7.14	0.0829	0.00109	9.35	0.00563	0.0729	0.000504	0.000471	0.000226	0.236	0.00000329	0.000479	0.00109	0.00284	0.000037
Post Closure (2044-2099): Max	203	0.135	0.357	0.0106	35.5	0.0723	72.1	0.00483	0.00171	0.00000907	0.0131	0.00558	0.0758	0.044	0.00000951	45.3	0.0000437	0.00191	0.000631	0.00226	0.121	0.0000211	4.74	9.07	0.113	0.00147	19.6	0.00715	0.0847	0.00076	0.000598	0.000339	0.299	0.00000379	0.000603	0.00145	0.00341	0.000161
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	1490	3.72	21.4	0.153	719	0.18	228	0.00304	0.000793	0.00000961	0.00814	0.0217	0.245	0.0348	0.0000194	64.8	0.0000585	0.00488	0.00045	0.00294	0.0259	0.0000157	20.1	31.2	0.326	0.00433	399	0.0233	1.47	0.0000827	0.000867	0.00078	1.52	0.000067	0.00365	0.00111	0.00265	0.00118
2026 Feb	1410	3.52	22.8	0.146	680	0.17	216	0.00288	0.00075	0.00000991	0.00769	0.0205	0.232	0.0329	0.0000184	61.3	0.0000554	0.00462	0.000425	0.00278	0.0245	0.0000148	19	29.5	0.309	0.00409	377	0.022	1.72	0.0000783	0.000819	0.000737	1.44	0.0000636	0.00345	0.00104	0.00251	0.00112
2026 Mar	1340	3.35	24.1	0.141	646	0.162	205	0.00273	0.000712	0.00000865	0.0073	0.022	0.22	0.0313	0.0000175	58.2	0.0000526	0.00438	0.000404	0.00264	0.0232	0.0000141	18.1	28	0.294	0.00389	359	0.0209	1.94	0.0000744	0.000778	0.0007	1.37	0.0000606	0.00327	0.000992	0.00238	0.00107
2026 Apr	1290	3.2	25.4	0.136	617	0.155	195	0.0026	0.00068	0.00000826	0.00697	0.0323	0.21	0.0299	0.0000167	55.6	0.0000503	0.00419	0.000386	0.00252	0.0222	0.0000135	17.2	26.7	0.281	0.00371	342	0.02	2.15	0.0000671	0.000743	0.000668	1.31	0.000058	0.00313	0.000947	0.00228	0.00102
2026 May	1300	3.11	26	0.148	622	0.167	198	0.00241	0.000675	0.00000853	0.00699	0.0408	0.218	0.0304	0.000017	55.4	0.0000523	0.00422	0.000391	0.00255	0.022	0.0000138	17.4	26.1	0.296	0.00367	345	0.0199	2.22	0.0000738	0.000748	0.000642	1.44	0.0000657	0.00312	0.000956	0.0024	0.00115
2026 Jun	1990	4.32	19.2	0.197	925	0.222	276	0.00379	0.0011	0.0000143	0.00999	0.034	0.301	0.051	0.0000674	81.9	0.0000746	0.00629	0.000587	0.00316	0.0343	0.0000177	23.5	39.3	0.442	0.00485	561	0.0276	0.97	0.000154	0.00108	0.000907	2.04	0.0001	0.00444	0.00227	0.00367	0.00179
2026 Jul	1890	3.29	14	0.162	849	0.195	244	0.00293	0.00116	0.0000149	0.0105	0.0253	0.276	0.0536	0.000105	68.8	0.000064	0.00527	0.000552	0.00274	0.0397	0.0000184	19.1	32.1	0.338	0.00476	507	0.0237	0.631	0.000153	0.00109	0.000739	1.65	0.000082	0.00372	0.00291	0.0033	0.00146
2026 Aug	1720	2.96	12.1	0.138	769	0.175	220	0.00273	0.00114	0.0000136	0.00988	0.0218	0.246	0.0483	0.0000904	63.7	0.0000561	0.00482	0.000505	0.00253	0.0396	0.0000179	17	29.5	0.287	0.0043	463	0.0214	0.533	0.000136	0.000975	0.000677	1.39	0.000067	0.00332	0.00254	0.003	0.0012
2026 Sep	2110	3.26	12.2	0.132	882	0.18	254	0.00317	0.00128	0.0000177	0.0118	0.0229	0.291	0.0646	0.000172	69.4	0.0000592	0.00547	0.000634	0.00285	0.0425	0.0000202	18	34	0.284	0.00544	520	0.026	0.473	0.000146	0.00125	0.000813	1.31	0.0000653	0.00372	0.00429	0.003	0.00118
2026 Oct	2640	4.25	15.7	0.164	1140	0.217	330	0.00378	0.00125	0.0000183	0.0125	0.0256	0.359	0.0694	0.000167	89	0.0000724	0.00749	0.000715	0.00336	0.0404	0.0000234	22.9	45.7	0.352	0.00646	702	0.0328	0.588	0.000151	0.0015	0.00105	1.59	0.0000728	0.00497	0.00435	0.00331	0.00129
2026 Nov	2550	4.4	18.1	0.164	1100	0.211	322	0.00397	0.00122	0.0000178	0.012	0.0255	0.348	0.0669	0.000158	88.1	0.0000709	0.00735	0.000696	0.00333	0.0384	0.0000222	23	45.7	0.359	0.00625	680	0.0324	0.859	0.000147	0.00144	0.00105	1.58	0.0000734	0.00491	0.00414	0.00325	0.00129
2026 Dec	2430	4.22	19.6	0.158	1050	0.202	307	0.00381	0.00117	0.000017	0.0114	0.0243	0.332	0.0638	0.00015	84.1	0.0000677	0.00701	0.000664	0.00318	0.0366	0.0000211	22	43.6	0.345	0.00596	648	0.031	1.11	0.00014	0.00137	0.00101	1.52	0.0000705	0.00469	0.00394	0.0031	0.00124
2027 Jan	2320	4.03	21	0.152	1000	0.192	293	0.00363	0.00111	0.0000162	0.0109	0.0232	0.316	0.0608	0.000143	80.2	0.0000646	0.00668	0.000633	0.00303	0.0348	0.0000201	21	41.6	0.329	0.00568	618	0.0295	1.34	0.000133	0.00131	0.00096	1.45	0.0000675	0.00447	0.00375	0.00296	0.00118
2027 Feb	2230	3.86	22.1	0.147	960	0.184	280	0.00347	0.00106	0.0000155	0.0104	0.0222	0.303	0.0582	0.000137	76.7	0.0000619	0.0064	0.000606	0.0029	0.0333	0.0000192	20.1	39.8	0.316	0.00543	591	0.0282	1.53	0.000128	0.00125	0.000918	1.39	0.0000647	0.00428	0.00359	0.00284	0.00114
2027 Mar	2140	3.71	23.2	0.143	921	0.177	269	0.00333	0.00102	0.0000149	0.00999	0.0213	0.291	0.0559	0.000131	73.7	0.0000594	0.00614	0.000581	0.00278	0.032	0.0000184	19.3	38.2	0.303	0.00522	568	0.0271	1.72	0.000123	0.0012	0.000881	1.34	0.0000622	0.00411	0.00344	0.00272	0.00109
2027 Apr	2070	3.59	24.4	0.139	891	0.171	260	0.00322	0.000988	0.0000144	0.00966	0.0206	0.281	0.054	0.000127	71.2	0.0000575	0.00593	0.000562	0.00269	0.0309	0.0000178	18.7	36.9	0.293	0.00504	549	0.0262	1.91	0.000119	0.00116	0.000852	1.29	0.0000602	0.00397	0.00333	0.00263	0.00106
2027 May	2050	3.56	25.9	0.139	882	0.17	257	0.00316	0.000974	0.0000142	0.00957	0.0235	0.279	0.0531	0.000125	70.5	0.000057	0.0059	0.000565	0.00269	0.0307	0.0000178	18.5	36.5	0.288	0.00499	544	0.026	2.1	0.000121	0.00115	0.00084	1.28	0.000059	0.00391	0.00331	0.00264	0.00106
2027 Jun	1980	3.64	17.6	0.168	889	0.198	263	0.00324	0.00113	0.0000138	0.0102	0.0287	0.278	0.0491	0.0000795	75.7	0.0000674	0.00586	0.000546	0.00277	0.0373	0.0000185	19.5	37.1	0.358	0.0045	570	0.0249	0.983	0.000148	0.00107	0.000798	1.67	0.0000805	0.00394	0.00247	0.00345	0.00139
2027 Jul	1450	2.36	10.6	0.134	647	0.159	189	0.00219	0.00114	0.0000119	0.00979	0.0189	0.205	0.0395	0.0000626	55.9	0.0000559	0.00375	0.000416	0.00212	0.0409	0.0000162	13.8	24.7	0.265	0.00334	412	0.0165	0.495	0.000139	0.000826	0.0005	1.35	0.0000685	0.00254	0.00198	0.00326	0.00116
2027 Aug	1300	1.37	5.73	0.073	543	0.109	163	0.00165	0.00114	0.000011	0.0102	0.0135	0.159	0.0367	0.0000848	45.5	0.0000444	0.00243	0.00037	0.00185	0.0452	0.0000166	8.11	19.8	0.138	0.00288	332	0.0131	0.238	0.000129	0.000795	0.000379	0.68	0.0000034	0.00159	0.00236	0.00273	0.000526
2027 Sep	2320	2.23	8.01	0.0997	965	0.156	299	0.00211	0.00116	0.0000141	0.0125	0.0174	0.27	0.0518	0.000141	73.2	0.0000614	0.00426	0.000566	0.00299	0.0458	0.000023	12.1	35.7	0.184	0.00495	580	0.0241	0.176	0.000136	0.00132	0.000684	0.812	0.0000359	0.00269	0.00377	0.00302	0.00052
2027 Oct	2770	3.96	12	0.129	1180	0.181	377	0.00379	0.0013	0.000017	0.0136	0.0231	0.323	0.062	0.00017	99.3	0.0000717	0.00539	0.000693	0.00384	0.046	0.0000231	17.7	50.8	0.287	0.00614	723	0.0307	0.18	0.000137	0.00147	0.000998	1.08	0.0000533	0.0035	0.00447	0.0033	0.000797
2027 Nov	2790	4.81	13.8	0.145	1200	0.191	383	0.00466	0.00139	0.0000177	0.0138	0.0257	0.334	0.0633	0.00016	106	0.0000754	0.0059	0.000715	0.0041	0.0466	0.0000225	20.9	54.5	0.345	0.00634	736	0.0329	0.176	0.00014	0.00145	0.00112	1.27	0.0000638	0.00391	0.00428	0.00349	0.000972
2027 Dec	2800	4.98	14.2	0.15	1210	0.195	386	0.0048	0.00139	0.0000178	0.0138	0.0262	0.338	0.0636	0.000158	107	0.0000765	0.00602	0.00072	0.00416	0.0465	0.0000224	21.6	55.2	0.359	0.0064	742	0.0334	0.176	0.000141	0.00146	0.00114	1.33	0.0000669	0.004	0.00424	0.00354	0.00102
2028 Jan	2800	4.99	14.3	0.151	1210	0.196	386	0.00482	0.0014	0.0000179	0.0138	0.0262	0.339	0.0637	0.000157	108	0.0000767	0.00604	0.000721	0.00417	0.0464	0.0000224	21.7	55.3	0.362	0.0064	742	0.0334	0.176	0.000141	0.00145	0.00115	1.35	0.0000678	0.00401	0.00423	0.00355	0.00104
2028 Feb	2800	4.99	14.3	0.152	1210	0.197	385	0.00481	0.0014	0.0000179	0.0138	0.0262	0.339	0.0637	0.000157	107	0.0000768	0.00604	0.00072	0.00417	0.0463	0.0000223	21.7	55.2	0.363	0.0064	742	0.0334	0.176	0.000141	0.00145	0.00114	1.36	0.0000684	0.00401	0.00423	0.00356	0.00105
2028 Mar	2800	4.99	14.3	0.152	1210	0.197	385	0.00481	0.00139	0.0000179	0.0138	0.0262	0.339	0.0637	0.000157	107	0.0000768	0.00604	0.00072	0.00417	0.0463	0.0000223	21.7	55.2	0.364	0.0064	742	0.0334	0.176	0.000141	0.00145	0.00114	1.36	0.0000687	0.00401	0.00423	0.00356	0.00105
2028 Apr	2820	5.03	14.4	0.154	1220	0.199	388	0.00484	0.00141	0.000018	0.0139	0.0264	0.342	0.0642	0.000158	108	0.0000775	0.00608	0.000726	0.0042	0.0466	0.0000225	21.9	55.6	0.367	0.00645	748	0.0337	0.177	0.000143	0.00146	0.00115	1.38	0.0000695	0.00405	0.00426	0.00359	0.00107
2028 May	2890	5.11	14.9	0.168	1250	0.215	400	0.00481	0.00142	0.0000184	0.0142	0.0324	0.359	0.0658	0.000156	110	0.0000814	0.00636	0.000742	0.00436	0.0473	0.0000235	22.9	56.3	0.389	0.00663	765	0.0347	0.179	0.000145	0.00151	0.00117	1.52	0.0000764	0.00422	0.00424	0.00374	0.00117
2028 Jun	2630	5.2	13.9	0.168	1170	0.208	380	0.00526	0.00134	0.0000139	0.012	0.0519	0.312	0.0483	0.0000542	111	0.0000845	0.00665	0.000631	0.00397	0.0435	0.0000218	23.8	56.7	0.445	0.00497	732	0.0337	0.0966	0.000151	0.00124	0.00118	1.66	0.0000778	0.00464	0.00219	0.00405	0.00129
2028 Jul	1430	2.39	7.25	0.121	623	0.151	204	0.00244	0.00113	0.00000961	0.00951	0.0247	0.185	0.0308	0.0000217	59.7	0.0000572	0.00332	0.000362	0.00236	0.0421	0.0000165	13	26.6	0.266	0.00283	386	0.0167	0.075	0.000127	0.000749	0.000533	1.23	0.000061	0.00229	0.00112	0.00327	0.000974
2028 Aug	1030	1.42	4.75	0.0861	432	0.122	150	0.00171	0.00113	0.00000815	0.00933	0.0219	0.139	0.0259	0.0000135	44.7	0.0000469	0.00227	0.0003	0.00203	0.0488	0.0000165	8.75	17.9	0.179	0.00209	261	0.012	0.0678	0.000145	0.000617	0.000354	0.871	0.0000416	0.00148	0.000865	0.00292	0.000626
2028 Sep	1260	1.42	4.91	0.0923	519	0.16	180	0.00238	0.00204	0.0000126	0.0169	0.0438	0.173	0.0445	0.0000161	64.2	0.0000695	0.00311	0.000517	0.00292	0.104	0.0000281	10.5	22	0.202	0.00273	316	0.0147	0.112	0.000374	0.000901	0.000435	0.969	0.0000405	0.00182	0.00141	0.00466	0.00056
2028 Oct	2120	2.71	9.25	0.167	930	0.249	306	0.00257	0.0018	0.0000136	0.0171	0.0371	0.301	0.053	0.0000184	92.5	0.000087	0.00596	0.000612	0.00376	0.0888	0.0000317	18.2	37.3	0.321	0.0048	588	0.0247	0.114	0.000296	0.00124	0.000704	1.68	0.00007	0.00357	0.00147	0.00472	0.00104
2028 Nov	2160	3.63	11.1	0.176	951	0.249	311	0.00359	0.00182	0.0000144	0.0167	0.0377	0.308	0.0542	0.0000207	98.4	0.0000881	0.00633	0.000632	0.00398	0.0844	0.0000298	21.1	41.8	0.374	0.00497	600	0.0271	0.114	0.00028	0.00122	0.000847	1.79	0.0000782	0.00395	0.00151	0.00472	0.0012
2028 Dec	2170	3.71	11.3	0.178	957	0.25	313	0.00368	0.00183	0.0000145	0.0167	0.0378	0.31	0.0545	0.000021	99.3	0.0000886	0.00639	0.000636	0.004	0.0841	0.0000297	21.4	42.3	0.381	0.00499	604	0.0274	0.114	0.00028	0.00122	0.000861	1.82	0.0000797	0.004	0.00152	0.00474	0.00122
2029 Jan	2170	3.72	11.4	0.178	957	0.251	313	0.00368	0.00183	0.0000145	0.0167	0.0378	0.31	0.0545	0.000021	99.3	0.0000886	0.00639	0.000636	0.004	0.084	0.0000297	21.4	42.3	0.383	0.00499	604	0.0274	0.114	0.00028	0.00122	0.000861	1.82	0.0000801	0.004	0.00152	0.00475	0.00123
2029 Feb	2170	3.72	11.4	0.179	957	0.251	313	0.00367	0.00182	0.0000145	0.0167	0.0378	0.31	0.0546	0.000021	99.2	0.0000887	0.00639	0.000636	0.004	0.0839	0.0000297	21.4	42.3	0.383	0.00499	604	0.0274	0.114	0.00028	0.00122	0.00086	1.83	0.0000804	0.004	0.00152	0.00475	0.00123
2029 Mar	2170	3.72	11.4	0.179	957	0.251	314	0.00367	0.00182	0.0000145	0.0167	0.0378	0.31	0.0546	0.0000211	99.3	0.0000887	0.00639	0.000636	0.004	0.0839	0.0000297	21.4	42.3	0.384	0.00499	604	0.0274	0.114	0.00028	0.00122	0.00086	1.83	0.0000806	0.004	0.00152	0.00475	0.00124
2029 Apr	2170	3.73	11.4	0.18	959	0.252	314	0.00368	0.00183	0.0000145	0.0167	0.0378	0.311	0.0547	0.0000211	99.4	0.0000889	0.0064	0.000637	0.00401	0.084	0.0000297	21.5	42.3	0.385	0.005	605	0.0275	0.115	0.00028	0.00122	0.000862	1.84	0.0000809	0.00401	0.00152	0.00476	0.00124
2029 May	2220	3.8	11.7	0.183	979	0.258	321	0.00373	0.00185	0.0000148	0.017	0.0391	0.319	0.0557	0.000215	101	0.0000908	0.00658	0.000651	0.00412	0.0853	0.0000304	21.9	43.2	0.392	0.00512	618	0.0282	0.116	0.000285	0.00125	0.00088	1.87	0.0000821	0.00409	0.00156	0.00484	0.00126
2029 Jun	2470	2.46	8.51	0.152	1090	0.24	377	0.00193	0.00126	0.0000103	0.0138	0.0377	0.313	0.0433	0.000015	100	0.0000807	0.00595	0.000543	0.00345	0.0628	0.0000292	16.6	45.2	0.283	0.00489	696	0.0264	0.0831	0.000185	0.00128	0.000724	1.48	0.0000566	0.00371	0.00127	0.00384	0.000856
2029 Jul	1200	1.37	5.17	0.116	510	0.156	176	0.00129	0.00115	0.00000879	0.00999	0.0166	0.17	0.0292	0.0000116	50.8	0.0000533	0.00268	0.000311	0.00202	0.0494	0.0000177	10.1	19.3	0.212	0.00255	323	0.0123	0.077	0.000136	0.000678	0.000319	1.21	0.000059	0.00174	0.000818	0.00321	0.000911
2029 Aug	781	0.787	2.98	0.061	288	0.0938	110	0.00109	0.00101	0.00000657	0.00867	0.00974	0.104	0.0197	0.00000778	31.9	0.000039	0.00164	0.000222	0.00155	0.0433	0.0000148	5.85	11.5	0.111	0.00166	173	0.00841	0.0572	0.000109	0.000528	0.000223	0.612	0.0000277	0.000963	0.000673	0.00258	0.000398
2029 Sep	965	0.912	3.22	0.0571	345	0.0952	141	0.00115	0.00095	0.00000615	0.00867	0.0109	0.118	0.0192	0.0000077	37.2	0.0000406	0.00188	0.000243	0.00175	0.0416	0.0000159	6.17	14.9	0.106	0.00197	203	0.0105	0.0517	0.000104	0.000612	0.000287	0.543	0.0000216	0.00111	0.000715	0.00251	0.000292
2029 Oct	1320	2.83	8.3	0.11	548	0.149	195	0.00272	0.00113	0.00000914	0.0104	0.0234	0.195	0.0311	0.0000133	61.4	0.0000549	0.00393	0.000385	0.00284	0.0459	0.0000178	14.3	27.1	0.24	0.00342	334	0.0184	0.0673	0.00012	0.000781	0.000611	1.07	0.0000474	0.00234	0.000955	0.00292	0.000726
2029 Nov	1630	4.27	13.3	0.223	735	0.238	236	0.0031	0.00114	0.0000126	0.01	0.0236	0.279	0.0419	0.0000196	75.3	0.0000707	0.005	0.000458	0.00337	0.0385	0.0000159	22.4	31.6	0.442	0.0047	462	0.0219	0.0948	0.000118	0.000844	0.000521	2.26	0.000118	0.00317	0.00104	0.00363	0.00188
2029 Dec	1780	5.09	15	0.233	804	0.244	257	0.00405	0

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204
2032 Jun	2260	2.34	8.44	0.161	993	0.241	357	0.00164	0.00104
2032 Jul	1570	1.48	5.6	0.115	642	0.17	224	0.00128	0.00107
2032 Aug	1350	1.13	4.48	0.081	541	0.136	198	0.0011	0.000947
2032 Sep	1660	1.24	4.97	0.0761	680	0.136	250	0.00118	0.000961
2032 Oct	2400	1.86	6.43	0.0906	991	0.151	356	0.00187	0.00122
2032 Nov	2420	2.48	8.36	0.122	1010	0.179	360	0.00225	0.00124
2032 Dec	2380	2.86	9.93	0.163	1010	0.212	354	0.00228	0.00122
2033 Jan	2390	3.01	10.3	0.168	1020	0.215	355	0.00242	0.00123
2033 Feb	2390	3.02	10.3	0.169	1020	0.217	355	0.00242	0.00123
2033 Mar	2390	3.03	10.4	0.171	1020	0.218	356	0.00243	0.00123
2033 Apr	2430	3.09	10.6	0.175	1040	0.223	362	0.00247	0.00125
2033 May	2290	3.23	12.1	0.241	1000	0.279	341	0.00217	0.00129
2033 Jun	1640	2.04	8.02	0.184	698	0.231	256	0.00133	0.00114
2033 Jul	1580	1.45	5.5	0.114	622	0.17	228	0.00128	0.0011
2033 Aug	1630	1.3	5.14	0.0926	649	0.153	240	0.00126	0.0011
2033 Sep	2340	1.61	6.36	0.107	940	0.188	356	0.00128	0.00109
2033 Oct	2210	2.93	10.4	0.193	926	0.259	343	0.00185	0.00103
2033 Nov	2300	4.14	13.1	0.215	979	0.269	353	0.00311	0.00113
2033 Dec	2320	4.29	13.4	0.217	989	0.27	356	0.00329	0.00114
2034 Jan	2320	4.3	13.4	0.218	989	0.27	356	0.00329	0.00114
2034 Feb	2320	4.3	13.5	0.218	989	0.27	356	0.00329	0.00114
2034 Mar	2320	4.3	13.5	0.218	990	0.271	356	0.00329	0.00114
2034 Apr	2340	4.34	13.6	0.22	998	0.273	359	0.00332	0.00115
2034 May	2350	4.37	14	0.238	1010	0.289	361	0.00327	0.00121
2034 Jun	1660	2.38	8.64	0.19	700	0.237	259	0.00169	0.00113
2034 Jul	1530	1.52	5.57	0.113	588	0.175	229	0.00131	0.00104
2034 Aug	1540	1.28	5.02	0.0871	606	0.156	238	0.00124	0.00105
2034 Sep	2160	1.53	6.16	0.102	847	0.197	351	0.00114	0.00099
2034 Oct	1750	2.41	8.07	0.137	698	0.211	281	0.00182	0.000936
2034 Nov	1810	3.47	10.4	0.153	743	0.215	285	0.00303	0.00105
2034 Dec	1830	3.58	10.6	0.155	752	0.216	288	0.00316	0.00106
2035 Jan	1830	3.59	10.7	0.155	753	0.216	288	0.00316	0.00106
2035 Feb	1830	3.59	10.7	0.156	753	0.217	288	0.00316	0.00106
2035 Mar	1830	3.59	10.7	0.156	753	0.217	288	0.00316	0.00106
2035 Apr	1850	3.62	10.8	0.157	759	0.219	290	0.00318	0.00107
2035 May	1910	3.74	11.2	0.165	786	0.228	300	0.00328	0.00112
2035 Jun	1440	2.2	8.02	0.181	599	0.225	228	0.00168	0.00113
2035 Jul	1180	1.23	4.59	0.0987	433	0.146	173	0.00124	0.00104
2035 Aug	1220	0.968	3.85	0.0706	450	0.13	195	0.00108	0.000977
2035 Sep	1970	1.46	5.79	0.0949	748	0.202	355	0.00103	0.000835
2035 Oct	2240	2.97	9.67	0.128	905	0.24	401	0.00236	0.000939
2035 Nov	2250	4.13	13	0.189	953	0.27	383	0.00308	0.00102
2035 Dec	2330	4.66	14.2	0.198	994	0.275	393	0.00367	0.00107
2036 Jan	2340	4.7	14.3	0.2	998	0.276	393	0.00371	0.00107
2036 Feb	2340	4.7	14.3	0.2	997	0.277	393	0.00371	0.00107
2036 Mar	2330	4.7	14.3	0.201	997	0.277	393	0.00371	0.00107
2036 Apr	2360	4.75	14.5	0.203	1010	0.281	397	0.00374	0.00108
2036 May	2480	5	15.3	0.214	1060	0.295	416	0.00393	0.00115
2036 Jun	1980	2.23	7.78	0.142	778	0.237	363	0.00166	0.000973
2036 Jul	1660	1.55	5.66	0.11	597	0.189	279	0.0013	0.00096
2036 Aug	1620	1.33	5.14	0.0918	592	0.17	279	0.0012	0.000947
2036 Sep	2220	1.47	5.68	0.0959	796	0.199	399	0.00109	0.000853
2036 Oct	2470	2.29	7.89	0.13	881	0.253	453	0.00161	0.000858
2036 Nov	2490	2.96	9.7	0.155	917	0.267	448	0.00215	0.000914
2036 Dec	2480	3.2	10.4	0.169	929	0.275	444	0.00232	0.000934
2037 Jan	2480	3.24	10.5	0.17	930	0.275	443	0.00237	0.000939
2037 Feb	2480	3.23	10.5	0.17	928	0.274	442	0.00237	0.000939
2037 Mar	2480	3.23	10.5	0.17	929	0.274	443	0.00237	0.000941
2037 Apr	2490	3.25	10.5	0.171	933	0.276	445	0.00238	0.000947
2037 May	2160	2.8	9.05	0.147	805	0.241	383	0.00228	0.00105
2037 Jun	957	1.23	3.91	0.0622	349	0.12	166	0.00187	0.00125
2037 Jul	210	0.34	0.96	0.0116	70.9	0.0483	38.1	0.00176	0.0011
2037 Aug	161	0.315	0.821	0.00789	52.3	0.0442	30.9	0.00196	0.00112
2037 Sep	231	0.644	1.45	0.0105	75.8	0.0461	51.8	0.00348	0.00118
2037 Oct	318	0.751	1.96	0.0174	111	0.0838	69.4	0.00343	0.00144
2037 Nov	329	0.784	2.03	0.0181	115	0.0891	72.1	0.00354	0.00149
2037 Dec	329	0.779	2.03	0.0181	115	0.0893	72	0.00351	0.00149
2038 Jan	327	0.775	2.02	0.018	115	0.0889	71.6	0.00349	0.00148
2038 Feb	327	0.772	2.01	0.0179	115	0.0887	71.3	0.00348	0.00148
2038 Mar	327	0.772	2.01	0.0179	114	0.0886	71.3	0.00348	0.00148
2038 Apr	331	0.781	2.03	0.0181	116	0.0896	72.1	0.00352	0.0015
2038 May	324	0.727	1.85	0.0167	111	0.0867	67.5	0.00346	0.00162
2038 Jun	144	0.173	0.33	0.00427	38.7	0.0372	19.7	0.00177	0.00141
2038 Jul	122	0.13	0.26	0.0042	30.4	0.0373	21.6	0.00195	0.00126
2038 Aug	247	0.348	1.02	0.014	65.9	0.0637	72.9	0.00452	0.0014
2038 Sep	306	0.471	1.43	0.019	85.5	0.0735	96	0.00527	0.00127
2038 Oct	255	0.416	1.16	0.0154	73.1	0.0731	75.4	0.00409	0.00122
2038 Nov	282	0.465	1.29	0.0172	80.3	0.0785	85.3	0.00464	0.00129
2038 Dec	282	0.465	1.3	0.0172	80.8	0.0788	85.1	0.00459	0.00128
2039 Jan	282	0.464	1.3	0.0172	80.8	0.0788	84.8	0.00456	0.00128
2039 Feb	282	0.463	1.3	0.0172	80.8	0.0786	84.6	0.00455	0.00128
2039 Mar	283	0.464	1.3	0.0172	81.1	0.0788	84.8	0.00455	0.00128
2039 Apr	287	0.47	1.32	0.0175	82.3	0.0799	85.9	0.00461	0.0013
2039 May	309	0.505	1.42	0.0188	88.8	0.086	92.4	0.00495	0.0014
2039 Jun	146	0.147	0.557	0.00804	40.1	0.0515	30.8	0.00212	0.00155
2039 Jul	76	0.0486	0.171	0.00391	16.5	0.0383	18.3	0.00182	0.00114
2039 Aug	125	0.103	0.338	0.00757	26.9	0.0521	42.2	0.00314	0.00117
2039 Sep	229	0.233	0.692	0.0152	47.2	0.0661	90.9	0.00581	0.00123
2039 Oct	249	0.283	0.803	0.0164	54.9	0.0725	95.5	0.00578	0.00124
2039 Nov	270	0.305	0.897	0.0179	60.1	0.076	104	0.00615	0.00126

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166
Operation (2026-2036): Mean	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485
Operation (2026-2036): Max	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067
2032 Jun	0.0000111	0.0119	0.0254	0.326	0.0468	0.000049	91.8	0.0000774	0.00599	0.000535	0.00313	0.0483	0.0000257	17.3	41.9	0.308	0.00506
2032 Jul	0.0000103	0.0108	0.0146	0.224	0.0378	0.0000553	58	0.0000588	0.00356	0.000392	0.0023	0.0455	0.0000201	11.7	24.6	0.212	0.00357
2032 Aug	0.00000824	0.00984	0.0107	0.19	0.0299	0.0000439	50.1	0.0000503	0.003	0.000345	0.0022	0.0414	0.0000192	8.51	22	0.144	0.00302
2032 Sep	0.00000946	0.0107	0.0113	0.214	0.0352	0.0000808	59.3	0.0000525	0.00306	0.000414	0.00264	0.0422	0.0000209	7.7	27.7	0.128	0.00369
2032 Oct	0.0000148	0.0133	0.0143	0.266	0.0551	0.000179	81.2	0.0000606	0.00275	0.000575	0.00326	0.0499	0.0000226	8.79	39.5	0.16	0.00531
2032 Nov	0.0000153	0.0135	0.0159	0.292	0.0564	0.000163	85.9	0.0000667	0.00354	0.000599	0.00358	0.0492	0.0000229	12	41.3	0.227	0.00558
2032 Dec	0.0000156	0.013	0.0163	0.313	0.0567	0.000144	86.7	0.0000719	0.00406	0.000598	0.0037	0.0462	0.0000221	14.8	40.4	0.3	0.00568
2033 Jan	0.0000158	0.0129	0.0167	0.316	0.0571	0.000142	87.9	0.0000729	0.00417	0.000604	0.00373	0.0459	0.000022	15.5	41.1	0.315	0.0057
2033 Feb	0.0000158	0.0129	0.0167	0.317	0.0571	0.000142	88	0.0000731	0.00418	0.000604	0.00373	0.0457	0.0000219	15.6	41.1	0.319	0.0057
2033 Mar	0.0000159	0.0129	0.0168	0.318	0.0573	0.000142	88.2	0.0000734	0.0042	0.000605	0.00374	0.0458	0.0000219	15.6	41.2	0.322	0.00571
2033 Apr	0.0000161	0.0131	0.017	0.324	0.0584	0.000144	89.7	0.0000748	0.00428	0.000616	0.00381	0.0466	0.0000223	15.9	41.8	0.329	0.00581
2033 May	0.0000169	0.0126	0.0286	0.348	0.0637	0.000112	90.8	0.0000842	0.00481	0.000691	0.00392	0.0572	0.0000217	19.3	38	0.458	0.00562
2033 Jun	0.0000123	0.0107	0.018	0.274	0.0549	0.0000491	75.8	0.0000717	0.0044	0.000647	0.00287	0.0725	0.0000205	16.2	28.2	0.374	0.00415
2033 Jul	0.0000111	0.0109	0.0156	0.231	0.053	0.0000725	66.7	0.0000596	0.00358	0.000642	0.00263	0.0763	0.0000206	12	25.8	0.25	0.0038
2033 Aug	0.0000113	0.0114	0.015	0.23	0.0552	0.000097	68.5	0.0000573	0.00336	0.000686	0.00285	0.0797	0.0000216	9.79	27.5	0.206	0.00393
2033 Sep	0.0000138	0.0131	0.0151	0.312	0.0647	0.000155	87.7	0.0000679	0.00433	0.000761	0.00348	0.071	0.000026	11.3	39.5	0.213	0.00561
2033 Oct	0.0000136	0.0118	0.0169	0.351	0.0571	0.0000859	89.9	0.000078	0.00592	0.000633	0.00358	0.0499	0.0000236	19.4	39.8	0.371	0.00583
2033 Nov	0.0000148	0.0119	0.0205	0.365	0.0589	0.0000799	98.7	0.0000827	0.00652	0.000661	0.00392	0.0478	0.0000222	23.6	45.2	0.451	0.00608
2033 Dec	0.000015	0.0119	0.021	0.368	0.0593	0.00008	100	0.0000835	0.00662	0.000668	0.00397	0.0478	0.0000222	24.1	46.2	0.461	0.00611
2034 Jan	0.000015	0.0119	0.021	0.368	0.0593	0.00008	100	0.0000835	0.00662	0.000668	0.00397	0.0477	0.0000221	24.1	46.2	0.462	0.00611
2034 Feb	0.000015	0.0119	0.021	0.368	0.0593	0.0000799	100	0.0000835	0.00662	0.000668	0.00397	0.0477	0.0000221	24.1	46.2	0.463	0.00611
2034 Mar	0.000015	0.0119	0.021	0.368	0.0594	0.0000799	100	0.0000836	0.00662	0.000668	0.00397	0.0477	0.0000221	24.1	46.2	0.463	0.00611
2034 Apr	0.0000151	0.012	0.0212	0.371	0.0599	0.0000806	101	0.0000844	0.00668	0.000674	0.004	0.0481	0.0000223	24.3	46.6	0.467	0.00617
2034 May	0.0000158	0.0122	0.0355	0.38	0.0629	0.0000789	103	0.0000878	0.00674	0.000708	0.00409	0.053	0.0000226	25.1	46.2	0.501	0.0062
2034 Jun	0.0000122	0.0105	0.0188	0.277	0.0547	0.0000423	78.8	0.0000719	0.00459	0.000647	0.00295	0.0699	0.0000198	17.4	30.1	0.401	0.00417
2034 Jul	0.00000976	0.0104	0.0149	0.227	0.0481	0.0000447	68.4	0.0000586	0.00369	0.000614	0.00269	0.0738	0.0000206	12.1	26.6	0.253	0.00362
2034 Aug	0.0000097	0.0111	0.0138	0.221	0.0493	0.0000657	69.6	0.0000555	0.00335	0.000655	0.00295	0.0786	0.0000219	9.41	27.9	0.198	0.00368
2034 Sep	0.0000114	0.0126	0.0138	0.309	0.0559	0.000106	88.2	0.0000675	0.00473	0.000705	0.00355	0.0674	0.0000269	11.5	39.7	0.206	0.00531
2034 Oct	0.0000102	0.0108	0.0143	0.284	0.0437	0.0000443	76.9	0.0000649	0.00524	0.00051	0.00313	0.046	0.0000218	16.1	34.2	0.281	0.00467
2034 Nov	0.0000114	0.0109	0.0175	0.29	0.0455	0.0000422	84.2	0.0000682	0.0057	0.000536	0.00342	0.0449	0.0000204	19.5	38.8	0.349	0.00479
2034 Dec	0.0000116	0.0109	0.0179	0.292	0.0459	0.0000424	85.4	0.0000689	0.00578	0.000542	0.00345	0.0448	0.0000204	19.9	39.5	0.357	0.00482
2035 Jan	0.0000116	0.0109	0.0179	0.292	0.046	0.0000424	85.4	0.000069	0.00578	0.000542	0.00346	0.0448	0.0000204	19.9	39.5	0.358	0.00482
2035 Feb	0.0000116	0.0109	0.0179	0.292	0.046	0.0000424	85.4	0.0000691	0.00578	0.000542	0.00346	0.0448	0.0000204	19.9	39.5	0.359	0.00482
2035 Mar	0.0000116	0.0109	0.0179	0.293	0.046	0.0000424	85.4	0.0000691	0.00578	0.000542	0.00346	0.0448	0.0000204	19.9	39.5	0.359	0.00483
2035 Apr	0.0000117	0.011	0.018	0.295	0.0464	0.0000428	86.1	0.0000697	0.00583	0.000547	0.00349	0.0451	0.0000205	20.1	39.9	0.362	0.00486
2035 May	0.0000122	0.0115	0.0269	0.306	0.0488	0.0000441	89.5	0.0000726	0.00603	0.000578	0.00363	0.0487	0.0000214	20.9	41.1	0.379	0.00504
2035 Jun	0.0000115	0.0102	0.0175	0.251	0.0446	0.0000271	68.3	0.0000688	0.00413	0.000498	0.00263	0.0552	0.0000185	16.3	26.2	0.372	0.00363
2035 Jul	0.00000848	0.00963	0.0127	0.174	0.0332	0.0000219	51.3	0.0000521	0.00253	0.000412	0.00217	0.0563	0.0000177	9.55	19.4	0.208	0.00262
2035 Aug	0.00000754	0.00987	0.012	0.173	0.0315	0.000029	53.7	0.0000497	0.00252	0.000428	0.00236	0.0568	0.0000193	7.46	21.9	0.151	0.00272
2035 Sep	0.00000791	0.0114	0.012	0.302	0.0371	0.0000364	85.5	0.0000685	0.00501	0.000538	0.00341	0.0483	0.0000275	12	40.2	0.19	0.00479
2035 Oct	0.00000937	0.0127	0.0172	0.361	0.0412	0.0000288	104	0.00008	0.00663	0.000609	0.0043	0.0464	0.0000295	18.1	50.9	0.282	0.00579
2035 Nov	0.0000116	0.0122	0.0201	0.379	0.0458	0.0000289	106	0.0000852	0.00708	0.000622	0.0045	0.0422	0.0000262	23	50.3	0.401	0.00614
2035 Dec	0.0000123	0.0123	0.0218	0.388	0.0476	0.0000302	111	0.0000878	0.00739	0.000645	0.00465	0.0419	0.0000258	25	53.3	0.439	0.00628
2036 Jan	0.0000124	0.0123	0.022	0.389	0.0478	0.0000304	111	0.0000881	0.00742	0.000646	0.00466	0.0418	0.0000257	25.2	53.5	0.443	0.00629
2036 Feb	0.0000124	0.0123	0.0219	0.389	0.0479	0.0000304	111	0.0000881	0.00741	0.000646	0.00466	0.0417	0.0000256	25.2	53.4	0.444	0.00628
2036 Mar	0.0000124	0.0123	0.0219	0.389	0.0479	0.0000304	111	0.0000882	0.00741	0.000646	0.00465	0.0417	0.0000256	25.2	53.4	0.445	0.00628
2036 Apr	0.0000126	0.0124	0.0295	0.394	0.0487	0.0000307	113	0.0000893	0.0075	0.000657	0.00471	0.0428	0.0000259	25.5	54	0.451	0.00636
2036 May	0.0000132	0.0131	0.051	0.414	0.0519	0.0000322	119	0.0000939	0.00789	0.000702	0.00497	0.0468	0.0000273	26.9	56.6	0.476	0.0067
2036 Jun	0.00000958	0.0115	0.0254	0.322	0.0402	0.0000225	92.8	0.0000779	0.00566	0.000531	0.00335	0.047	0.0000262	16.8	42.7	0.301	0.00495
2036 Jul	0.00000835	0.0106	0.0181	0.252	0.0318	0.0000162	70.4	0.0000653	0.00399	0.000424	0.00276	0.0446	0.000023	12.5	31.4	0.228	0.0038
2036 Aug	0.00000745	0.0106	0.0158	0.232	0.0271	0.0000147	68.6	0.0000619	0.0033	0.000411	0.00292	0.0451	0.0000231	9.79	31.2	0.184	0.00348
2036 Sep	0.00000715	0.0112	0.0152	0.292	0.0287	0.0000172	90.7	0.0000722	0.00407	0.000488	0.00353	0.0437	0.0000276	11	43.8	0.193	0.00454
2036 Oct	0.00000877	0.0121	0.0187	0.372	0.0385	0.0000189	107	0.0000851	0.00651	0.000568	0.0039	0.0426	0.0000308	17.8	52	0.281	0.00584
2036 Nov	0.00000994	0.0121	0.0202	0.385	0.0414	0.0000207	109	0.0000883	0.00689	0.000591	0.00412	0.0416	0.0000297	20.4	53.2	0.34	0.00604
2036 Dec	0.0000105	0.012	0.0206	0.389	0.0427	0.0000214	110	0.0000895	0.00697	0.000597	0.00416	0.0408	0.0000289	21.4	53.1	0.37	0.00608
2037 Jan	0.0000105	0.012	0.0207	0.389	0.0429	0.0000216	110	0.0000896	0.00698	0.0006	0.00417	0.041	0.0000288	21.5	53.2	0.373	0.00608
2037 Feb	0.0000105	0.012	0.0207	0.388	0.043	0.0000215	110	0.0000895	0.00697	0.000601	0.00416	0.0414	0.0000288	21.5	53.1	0.373	0.00607
2037 Mar	0.0000105	0.012	0.0207	0.388	0.0431	0.0000215	110	0.0000896	0.00697	0.000603	0.00417	0.0417	0.0000288	21.5	53.1	0.374	0.00607
2037 Apr	0.0000106	0.0121	0.0208	0.39	0.0434	0.0000216	111	0.00009	0.007	0.000607	0.00419	0.0421	0.0000289	21.6	53.4	0.376	0.0061
2037 May	0.0000103	0.012	0.0183	0.337	0.0474	0.0000198	103	0.0000824	0.00613	0.000679	0.0039	0.0642	0.0000273	19	46.9	0.349	0.00528
2037 Jun	0.00000839	0.0108	0.0106	0.153	0.0447	0.0000123	63.7	0.0000525	0.003	0.00065	0.00254	0.0983	0.00002	9.41	22.5	0.205	0.00243
2037 Jul	0.00000585	0.00788	0.0146	0.0416	0.0235	0.0000064	26.2	0.0000237	0.000912	0.000295	0.00128	0.0665	0.0000127	2.9	6.27	0.0602	0.000781
2037 Aug	0.00000581	0.00816	0.019	0.0359	0.024	0.00000609	26	0.0000231	0.000839	0.000302	0.00125	0.0679	0.0000126	2.6	5.51	0.0546	0.000749
2037 Sep	0.00000603	0.0087	0.0206	0.0434	0.0246	0.00000655	33.2	0.0000249	0.000955	0.000318	0.00129	0.0688	0.0000128	3.46	7.97	0.0634	0.00109
2037 Oct	0.00000765	0.0123	0.0131	0.0761	0.029	0.00000829	39.5	0.0000325	0.0017	0.000329	0.00202	0.0747	0.0000178	4.56	10.1	0.0611	0.00178
2037 Nov	0.00000794	0.0129	0.0116	0.0794	0.0296	0.0000086	40.7	0.0000332	0.00176	0.000326	0.00211	0.0755	0.0000185	4.71	10.4	0.0597	0.00188
2037 Dec	0.00000792	0.0129	0.0115	0.0797	0.0295	0.00000858	40.5	0.0000332	0.00176	0.000325	0.00211	0.0752	0.0000185	4.71	10.4	0.0595	0.00188
2038 Jan	0.0000079	0.0129	0.0114	0.0792	0.0296	0.00000855	40.5	0.0000331	0.00176	0.000327	0.0021	0.0754	0.0000184	4.69	10.4	0.0597	0.00187
2038 Feb	0.00000789	0.0128	0.0114	0.0789	0.0298	0.00000854	40.6	0.000033	0.00175	0.00033	0.0021	0.0759	0.0000184	4.68	10.4	0.0602	0.00187
2038 Mar	0.00000789	0.0128	0.0114	0.0788	0.0299	0.00000854	40.6	0.000033	0.00175	0.000333	0.00211	0.0763	0.0000184	4.68	10.4	0.0607	0.00186
2038 Apr	0.00000799	0.013	0.0115	0.0797	0.0304	0.00000865	41.2	0.0000335	0.00177	0.000339	0.00213	0.0775	0.0000186	4.75	10.5	0.0618	0.00189
2038 May	0.00000856	0.0135	0.0109	0.0748	0.0385	0.00000916	46.3	0.000036	0.00173	0.000478	0.00227	0.101	0.0000195	4.87	10.8	0.085	0.00177
2038 Jun	0.00000713	0.0101	0.00355	0.0242	0.0457	0.00000725	39.8	0.000031	0.000773	0.000673	0.00163	0.128	0.0000147	2.95	6.14	0.115	0.000509
2038 Jul	0.00000636	0.00825	0.00376	0.0221	0.0358	0.00000652	32.9	0.0000231	0.000624	0.000505	0.00139	0.103	0.000013	2.6	4.8	0.0869	0.000512
2038 Aug	0.00000721	0.0086	0.00616	0.0604	0.0319	0.00000794	43.5	0.0000226	0.00134	0.000426	0.00171	0.0869	0.0000157	4.67	7.2	0.0868	0.00146
2038 Sep	0.00000672	0.00891	0.00674	0.0809	0.0271	0.0000077	45.8	0.0000246	0.00175	0.000355	0.00179	0.0691	0.0000155	5.47	8.29	0.0799	0.00196
2038 Oct	0.00000644	0.00992	0.00516	0.0691	0.0245	0.00000718	38.6	0.0000249	0.00149	0.000282	0.00171	0.0617	0.0000147	4.49	7	0.0573	0.00176
2038 Nov	0.0000068	0.0105	0.00576	0.0762	0.0255	0.00000765	42.1	0.0000267	0.00163	0.000294	0.00182	0.0637	0.0000156	4.96	7.62	0.0614	0.00196
2038 Dec	0.00000679	0.0105	0.00571	0.0767	0.0254	0.00000764	41.9	0.0000267	0.00164	0.000293	0.00183	0.0635	0.0000156	4.96	7.64	0.0612	0.00196
2039 Jan	0.00000678	0.0105	0.00569	0.0766	0.0255	0.00000762	41.9	0.0000267	0.00164	0.000295	0.00183	0.0638	0.0000156	4.95	7.65	0.0615	0.00195
2039 Feb	0.00000678	0.0105	0.00568	0.0765	0.0258	0.00000762	42	0.0000267	0.00164	0.000299	0.00183	0.0643	0.0000156	4.95	7.67	0.0622	0.00195
2039 Mar	0.0000068	0.0105	0.0057	0.0767	0.026	0.00000764	42.2	0.0000268	0.00165	0.000303	0.00184	0.0649	0.0000157	4.97	7.71	0.0629	0.00195
2039 Apr	0.0000069	0.0107	0.00578	0.0777	0.0265	0.00000775	42.9	0.0000272	0.00167	0.00031	0.00187	0.0662	0.0000159	5.04	7.83	0.0642	0.00198
2039 May	0.00000744	0.0115	0.00621	0.0838	0.0289	0.00000835	46.4	0.0000295	0.00181	0.00034	0.00202	0.0721	0.0000171	5.44	8.48	0.0702	0.00213
2039 Jun	0.00000802	0.0122	0.00247	0.0467	0.0207	0.00000828	23.3	0.0000381	0.00104	0.000216	0.00139	0.0674	0.0000175	2.73	4.5	0.0396	0.000754
2039 Jul	0.00000577	0.00717	0.00196	0.0216	0.015	0.00000593	16.2	0.0000175	0.000425	0.000136	0.000943	0.0506	0.0000119	1.7	2.42	0.0228	0.000438
2039 Aug	0.00000596	0.00664	0.00345	0.036	0.0167	0.00000639	24.5	0.0000125	0.000684	0.000152	0.00111	0.0483	0.0000124	2.76	3.67	0.031	0.000935
2039 Sep	0.00000629	0.00819	0.00636	0.0653	0.0189	0.00000727	40.4	0.0000183	0.00127	0.0002	0.00139	0.0477	0.0000135	4.85	6.23	0.0518	0.00186
2039 Oct	0.00000642	0.00952	0.00645	0.0723	0.0206	0.00000742	42.6	0.0000226	0.00144	0.00022	0.00157	0.051	0.0000141	5.12	6.91	0.0537	0.00204
2039 Nov	0.00000655	0.00975	0.0069	0.079	0.021	0.00000765	45	0.0000238	0.00159	0.000231	0.00165	0.0516	0.0000146	5.5	7.48	0.0578	0.00219

Constituents	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2032 Jun	631	0.026	0.0723	0.000169	0.0013	0.000694	1.67	0.0000715	0.00382	0.00187	0.00357	0.00121
2032 Jul	393	0.0171	0.066	0.000136	0.000966	0.000436	1.21	0.0000559	0.00232	0.00181	0.00316	0.000995
2032 Aug	332	0.0157	0.0512	0.000111	0.000888	0.000396	0.784	0.0000319	0.00182	0.00155	0.0027	0.00054
2032 Sep	422	0.0181	0.0442	0.00011	0.00106	0.000462	0.63	0.0000252	0.00171	0.00238	0.00267	0.000382
2032 Oct	610	0.0219	0.0489	0.000129	0.00135	0.00061	0.7	0.000039	0.00173	0.00446	0.00299	0.000546
2032 Nov	628	0.024	0.0579	0.000131	0.00136	0.000687	1.04	0.0000559	0.00219	0.00417	0.00326	0.000829
2032 Dec	632	0.0247	0.0692	0.00013	0.00132	0.000695	1.49	0.0000804	0.00251	0.00374	0.00351	0.00124
2033 Jan	637	0.0251	0.0706	0.000131	0.00132	0.000717	1.55	0.0000838	0.00261	0.00372	0.00356	0.0013
2033 Feb	637	0.0251	0.0711	0.000131	0.00132	0.000716	1.57	0.0000851	0.00262	0.00371	0.00358	0.00132
2033 Mar	639	0.0252	0.0717	0.000131	0.00132	0.000717	1.59	0.000086	0.00264	0.00371	0.0036	0.00134
2033 Apr	650	0.0256	0.0731	0.000134	0.00134	0.000729	1.62	0.000088	0.00268	0.00377	0.00366	0.00137
2033 May	634	0.0251	0.099	0.000281	0.00126	0.000667	2.41	0.000131	0.00302	0.00322	0.0043	0.0021
2033 Jun	443	0.0193	0.0919	0.000472	0.00103	0.000499	2.01	0.0000998	0.00283	0.00203	0.00382	0.00163
2033 Jul	376	0.0182	0.0696	0.00049	0.00104	0.000483	1.26	0.0000565	0.00231	0.00253	0.00314	0.00102
2033 Aug	397	0.0188	0.0603	0.000512	0.00111	0.000498	0.938	0.0000407	0.00199	0.0031	0.00295	0.000665
2033 Sep	579	0.0254	0.0527	0.000409	0.00151	0.00066	0.992	0.0000432	0.00261	0.00431	0.00307	0.000619
2033 Oct	581	0.0272	0.0773	0.00023	0.00134	0.000739	1.98	0.0000945	0.00371	0.00264	0.0035	0.0015
2033 Nov	615	0.0302	0.084	0.000221	0.00132	0.000913	2.23	0.00011	0.00424	0.00254	0.00376	0.00175
2033 Dec	621	0.0308	0.0844	0.000222	0.00132	0.00094	2.25	0.000111	0.00432	0.00255	0.0038	0.00178
2034 Jan	621	0.0308	0.0845	0.000222	0.00132	0.00094	2.26	0.000112	0.00433	0.00255	0.0038	0.00178
2034 Feb	621	0.0308	0.0846	0.000222	0.00132	0.00094	2.26	0.000112	0.00433	0.00255	0.0038	0.00179
2034 Mar	622	0.0308	0.0847	0.000222	0.00132	0.00094	2.27	0.000112	0.00433	0.00255	0.00381	0.00179
2034 Apr	627	0.0311	0.0855	0.000224	0.00133	0.000948	2.29	0.000113	0.00437	0.00257	0.00384	0.00181
2034 May	636	0.031	0.0938	0.00027	0.00133	0.000935	2.49	0.000125	0.00441	0.00258	0.00408	0.002
2034 Jun	443	0.0205	0.0937	0.000448	0.00098	0.000554	2.1	0.000105	0.00307	0.00184	0.00372	0.00169
2034 Jul	359	0.0186	0.0704	0.000458	0.000966	0.000497	1.25	0.0000541	0.0024	0.00192	0.00298	0.000864
2034 Aug	376	0.0189	0.0613	0.000478	0.00103	0.000499	0.875	0.0000346	0.00197	0.00241	0.00277	0.000484
2034 Sep	528	0.026	0.0536	0.000357	0.00143	0.000661	0.976	0.0000363	0.00279	0.00326	0.00291	0.000447
2034 Oct	433	0.0238	0.0666	0.000159	0.00108	0.00066	1.45	0.0000627	0.00328	0.00165	0.00284	0.000955
2034 Nov	460	0.0263	0.0719	0.000153	0.00105	0.000814	1.63	0.0000743	0.00369	0.00163	0.00305	0.00117
2034 Dec	466	0.0267	0.0723	0.000154	0.00105	0.000833	1.65	0.0000757	0.00376	0.00164	0.00308	0.00119
2035 Jan	466	0.0267	0.0725	0.000154	0.00105	0.000833	1.66	0.0000761	0.00376	0.00164	0.00309	0.0012
2035 Feb	466	0.0267	0.0726	0.000154	0.00105	0.000833	1.66	0.0000763	0.00376	0.00164	0.00309	0.00121
2035 Mar	467	0.0267	0.0727	0.000154	0.00105	0.000833	1.66	0.0000765	0.00376	0.00164	0.00309	0.00121
2035 Apr	470	0.0269	0.0733	0.000155	0.00106	0.000839	1.68	0.0000772	0.00379	0.00165	0.00312	0.00122
2035 May	487	0.0278	0.0774	0.00018	0.0011	0.000866	1.76	0.0000812	0.00392	0.00173	0.00327	0.00128
2035 Jun	380	0.0183	0.0924	0.000275	0.000865	0.000483	2.02	0.000103	0.00281	0.00134	0.00373	0.00165
2035 Jul	266	0.0141	0.0685	0.000264	0.000751	0.000362	1.08	0.0000503	0.00171	0.00122	0.003	0.000766
2035 Aug	278	0.0151	0.0561	0.000259	0.000834	0.000384	0.719	0.0000281	0.00151	0.00142	0.00272	0.000385
2035 Sep	470	0.0266	0.0494	0.000174	0.00135	0.000663	0.965	0.0000285	0.00299	0.00173	0.00295	0.000383
2035 Oct	569	0.0337	0.0576	0.00013	0.00149	0.000938	1.29	0.0000423	0.00398	0.00166	0.00326	0.000636
2035 Nov	600	0.034	0.0742	0.000129	0.00141	0.001	1.9	0.0000818	0.00429	0.00159	0.00365	0.0013
2035 Dec	624	0.0357	0.0766	0.000133	0.00142	0.00109	2.02	0.0000887	0.00458	0.00165	0.00378	0.00142
2036 Jan	626	0.0358	0.077	0.000134	0.00142	0.0011	2.04	0.0000899	0.0046	0.00165	0.0038	0.00144
2036 Feb	626	0.0357	0.0773	0.000134	0.00141	0.00109	2.04	0.0000904	0.0046	0.00165	0.0038	0.00145
2036 Mar	626	0.0357	0.0774	0.000134	0.00141	0.00109	2.05	0.0000907	0.0046	0.00165	0.00381	0.00146
2036 Apr	633	0.0361	0.0786	0.000138	0.00143	0.00111	2.08	0.000092	0.00465	0.00167	0.00386	0.00148
2036 May	664	0.0379	0.0832	0.000158	0.00151	0.00116	2.19	0.0000967	0.00488	0.00178	0.00406	0.00155
2036 Jun	494	0.0272	0.0694	0.000163	0.0013	0.000724	1.58	0.0000642	0.00364	0.00142	0.00358	0.001
2036 Jul	370	0.0215	0.0635	0.000135	0.00108	0.000545	1.22	0.0000496	0.00265	0.00117	0.00327	0.000756
2036 Aug	371	0.0207	0.0572	0.000125	0.00105	0.000512	0.932	0.0000352	0.00206	0.00116	0.00316	0.000514
2036 Sep	498	0.0266	0.051	0.000119	0.00135	0.000661	0.955	0.00003	0.00257	0.00138	0.00332	0.000418
2036 Oct	549	0.0332	0.0578	0.000127	0.00159	0.000875	1.45	0.0000488	0.00415	0.00147	0.00358	0.000725
2036 Nov	573	0.0344	0.0648	0.00013	0.00158	0.000944	1.71	0.000065	0.0044	0.0015	0.00377	0.000998
2036 Dec	581	0.0345	0.0689	0.000131	0.00155	0.000955	1.86	0.0000749	0.00447	0.0015	0.00386	0.00116
2037 Jan	582	0.0345	0.0692	0.000132	0.00155	0.00096	1.87	0.0000756	0.00448	0.00151	0.00387	0.00118
2037 Feb	581	0.0345	0.0692	0.000134	0.00154	0.000958	1.86	0.0000755	0.00447	0.00151	0.00387	0.00118
2037 Mar	581	0.0345	0.0694	0.000136	0.00155	0.000959	1.87	0.0000755	0.00448	0.00151	0.00387	0.00118
2037 Apr	584	0.0347	0.0698	0.000137	0.00155	0.000964	1.87	0.0000759	0.0045	0.00152	0.00389	0.00118
2037 May	502	0.0302	0.0738	0.00035	0.00139	0.000858	1.65	0.0000655	0.00388	0.00162	0.00378	0.00101
2037 Jun	215	0.0142	0.0735	0.000657	0.000786	0.00045	0.791	0.0000279	0.0017	0.00149	0.00313	0.000411
2037 Jul	41.5	0.00381	0.0542	0.000317	0.000303	0.000164	0.193	0.00000479	0.000362	0.000684	0.00198	0.000069
2037 Aug	29.3	0.00319	0.0546	0.000325	0.000281	0.000159	0.155	0.00000267	0.000271	0.000692	0.00196	0.0000446
2037 Sep	42.9	0.00329	0.0558	0.000318	0.000313	0.000242	0.174	0.00000286	0.000307	0.000718	0.00201	0.000115
2037 Oct	65.1	0.00609	0.0748	0.000186	0.000373	0.00028	0.246	0.00000345	0.000594	0.000665	0.00216	0.0000991
2037 Nov	67.6	0.00631	0.0784	0.000158	0.00037	0.000287	0.253	0.00000357	0.00062	0.00064	0.00217	0.000102
2037 Dec	67.7	0.00634	0.0782	0.000156	0.00037	0.000286	0.253	0.00000355	0.000623	0.000638	0.00216	0.000101
2038 Jan	67.3	0.00631	0.0781	0.000158	0.000368	0.000284	0.252	0.00000354	0.00062	0.00064	0.00215	0.0000999
2038 Feb	67.1	0.0063	0.078	0.000161	0.000368	0.000284	0.253	0.00000354	0.000618	0.000646	0.00215	0.0000995
2038 Mar	67	0.0063	0.0781	0.000163	0.000368	0.000284	0.253	0.00000354	0.000617	0.00065	0.00215	0.0000993
2038 Apr	67.8	0.00637	0.0791	0.000167	0.000373	0.000287	0.257	0.00000358	0.000624	0.000662	0.00218	0.0001
2038 May	63.7	0.00628	0.0868	0.000401	0.000399	0.000295	0.28	0.00000377	0.000588	0.000941	0.00245	0.0000912
2038 Jun	18.1	0.00301	0.076	0.000928	0.000343	0.00018	0.219	0.00000292	0.000189	0.00144	0.0026	0.0000178
2038 Jul	14.4	0.00248	0.0646	0.000683	0.00027	0.000164	0.176	0.00000266	0.000165	0.00103	0.00213	0.0000342
2038 Aug	37.8	0.00467	0.062	0.000461	0.000371	0.000335	0.235	0.00000339	0.000435	0.000785	0.00213	0.000155
2038 Sep	50.8	0.0059	0.0562	0.000281	0.000408	0.000394	0.258	0.00000334	0.000596	0.000641	0.0019	0.000198
2038 Oct	42.6	0.00511	0.0609	0.000148	0.000311	0.000302	0.22	0.00000305	0.000522	0.000501	0.00168	0.000142
2038 Nov	47	0.00555	0.0639	0.00014	0.000338	0.000338	0.238	0.00000327	0.000573	0.000517	0.00176	0.000166
2038 Dec	47.3	0.0056	0.0638	0.000138	0.00034	0.000337	0.238	0.00000326	0.000578	0.000517	0.00176	0.000163
2039 Jan	47.3	0.00561	0.0638	0.00014	0.00034	0.000335	0.239	0.00000325	0.000578	0.000521	0.00176	0.000162
2039 Feb	47.3	0.00562	0.0638	0.000144	0.00034	0.000335	0.239	0.00000325	0.000578	0.000529	0.00176	0.000162
2039 Mar	47.4	0.00564	0.064	0.000147	0.000342	0.000336	0.241	0.00000326	0.00058	0.000536	0.00176	0.000162
2039 Apr	48.1	0.00572	0.065	0.000151	0.000347	0.00034	0.245	0.00000331	0.000588	0.000547	0.00179	0.000164
2039 May	51.9	0.00619	0.0702	0.000172	0.000376	0.000367	0.265	0.00000356	0.000634	0.000602	0.00194	0.000175
2039 Jun	23.6	0.00407	0.0708	0.000172	0.000454	0.000154	0.15	0.00000332	0.000339	0.000829	0.0032	0.0000281
2039 Jul	9.07	0.00186	0.0504	0.000125	0.000215	0.000104	0.086	0.00000242	0.000144	0.000377	0.0019	0.0000338
2039 Aug	15.1	0.00255	0.0484	0.0000904	0.000197	0.000194	0.123	0.00000269	0.000239	0.00024	0.00159	0.0000972
2039 Sep	27.3	0.00404	0.0507	0.0000514	0.000291	0.000369	0.195	0.00000324	0.000444	0.000304	0.00159	0.000227
2039 Oct	31.7	0.00465	0.0567	0.0000385	0.000306	0.000376	0.214	0.00000329	0.000514	0.000352	0.00159	0.000225
2039 Nov	35.1	0.00511	0.0571	0.0000388	0.000335	0.000406	0.23	0.0000034	0.000565	0.000373	0.00163	0.000242

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2039 Dec	270	0.306	0.901	0.0179	60.4	0.0762	103	0.00609	0.00126	0.00000655	0.00977	0.00685	0.079	0.0211	0.00000764	44.8	0.0000239	0.00159	0.000231	0.00166	0.0517	0.0000146	5.48	7.48	0.0576	0.00219	35.2	0.00513	0.0572	0.0000387	0.000335	0.000403	0.23	0.00000339	0.000566	0.000374	0.00163	0.000239
2040 Jan	269	0.306	0.901	0.0178	60.5	0.0762	103	0.00605	0.00125	0.00000654	0.00976	0.00682	0.079	0.0212	0.00000763	44.8	0.0000239	0.0016	0.000234	0.00166	0.052	0.0000146	5.47	7.49	0.0579	0.00218	35.3	0.00515	0.0572	0.0000412	0.000335	0.000401	0.23	0.00000338	0.000567	0.000379	0.00163	0.000237
2040 Feb	270	0.306	0.903	0.0178	60.7	0.0761	103	0.00603	0.00125	0.00000654	0.00975	0.0068	0.079	0.0215	0.00000762	44.9	0.000024	0.0016	0.000238	0.00167	0.0526	0.0000146	5.47	7.52	0.0587	0.00218	35.4	0.00517	0.0573	0.0000445	0.000336	0.000401	0.231	0.00000338	0.000568	0.000387	0.00163	0.000236
2040 Mar	271	0.307	0.907	0.0179	61	0.0764	103	0.00604	0.00126	0.00000657	0.00979	0.00683	0.0793	0.0217	0.00000765	45.2	0.0000241	0.00161	0.000242	0.00168	0.0533	0.0000147	5.49	7.57	0.0594	0.00219	35.6	0.0052	0.0576	0.0000478	0.000338	0.000402	0.233	0.00000339	0.000571	0.000394	0.00164	0.000237
2040 Apr	275	0.312	0.923	0.0182	62.1	0.0777	105	0.00613	0.00128	0.00000667	0.00995	0.00693	0.0807	0.0222	0.00000777	46	0.0000245	0.00164	0.000248	0.00171	0.0544	0.0000149	5.59	7.71	0.0608	0.00222	36.2	0.00529	0.0586	0.0000506	0.000344	0.000409	0.237	0.00000344	0.00058	0.000405	0.00167	0.00024
2040 May	293	0.325	0.954	0.0185	67.3	0.0812	106	0.00617	0.00142	0.00000743	0.011	0.00716	0.0837	0.0294	0.00000853	51.5	0.0000283	0.00176	0.000365	0.00194	0.0741	0.0000166	5.95	8.64	0.0808	0.00225	38.6	0.00579	0.0673	0.0000224	0.000393	0.000429	0.272	0.00000373	0.00061	0.000643	0.00197	0.000235
2040 Jun	114	0.0705	0.117	0.00384	22.6	0.0394	19.2	0.0024	0.00173	0.00000868	0.0125	0.00271	0.025	0.0338	0.00000882	31.7	0.0000384	0.00063	0.000434	0.00142	0.105	0.0000175	2.64	4.33	0.0748	0.000461	10.2	0.00257	0.0828	0.000558	0.000417	0.000161	0.164	0.00000358	0.000159	0.00122	0.00344	0.0000333
2040 Jul	209	0.144	0.651	0.0125	47.7	0.0652	64.9	0.00396	0.00166	0.00000863	0.0117	0.00463	0.0671	0.026	0.00000927	36	0.0000365	0.00148	0.000312	0.00173	0.0802	0.0000191	4.34	6.74	0.066	0.00129	29	0.00541	0.0723	0.000291	0.000525	0.00029	0.215	0.00000384	0.00049	0.000886	0.00318	0.000114
2040 Aug	318	0.216	1	0.0217	65.6	0.0843	127	0.00718	0.00152	0.00000804	0.00967	0.0082	0.102	0.0237	0.00000938	51.3	0.0000285	0.00213	0.000296	0.00193	0.0641	0.0000185	6.74	9.44	0.0809	0.00236	42	0.0071	0.058	0.000174	0.000555	0.000505	0.285	0.00000413	0.000733	0.000605	0.00248	0.00028
2040 Sep	376	0.269	1.13	0.0265	72.8	0.0896	162	0.00919	0.00141	0.00000747	0.00939	0.0103	0.119	0.0224	0.00000922	61.1	0.0000276	0.00243	0.000293	0.00195	0.0536	0.0000174	8.07	10.8	0.0906	0.00301	46.8	0.00763	0.051	0.0000994	0.000567	0.000629	0.32	0.00000423	0.000841	0.000521	0.00212	0.000385
2040 Oct	401	0.311	1.22	0.028	80	0.0991	170	0.00948	0.00151	0.00000803	0.0108	0.0107	0.128	0.0248	0.00000985	64.9	0.0000311	0.00262	0.000317	0.00217	0.0588	0.0000188	8.53	11.6	0.0943	0.00325	50.9	0.00829	0.0585	0.0000893	0.00059	0.000654	0.344	0.00000449	0.000913	0.000557	0.00222	0.000394
2040 Nov	415	0.329	1.31	0.0289	85.1	0.103	173	0.00944	0.00152	0.00000813	0.011	0.0108	0.134	0.0254	0.00000998	65.8	0.0000324	0.00276	0.000326	0.00226	0.0595	0.0000194	8.72	12.1	0.0963	0.00333	54.2	0.00882	0.0593	0.0000885	0.000613	0.000664	0.357	0.00000453	0.000965	0.000577	0.00225	0.000392
2040 Dec	415	0.331	1.32	0.0289	85.6	0.103	173	0.00939	0.00151	0.00000812	0.011	0.0107	0.134	0.0254	0.00000996	65.6	0.0000325	0.00278	0.000326	0.00227	0.0594	0.0000194	8.71	12.1	0.0961	0.00333	54.5	0.00887	0.0593	0.000088	0.000614	0.000661	0.358	0.00000452	0.000969	0.000577	0.00225	0.00039
2041 Jan	415	0.331	1.32	0.0289	85.8	0.103	172	0.00934	0.00151	0.00000811	0.011	0.0107	0.134	0.0255	0.00000995	65.5	0.0000325	0.00278	0.000328	0.00227	0.0597	0.0000194	8.7	12.1	0.0963	0.00333	54.6	0.00889	0.0593	0.0000898	0.000614	0.000659	0.358	0.00000451	0.00097	0.000582	0.00224	0.000387
2041 Feb	415	0.331	1.32	0.0288	85.8	0.103	172	0.00931	0.00151	0.00000811	0.011	0.0107	0.134	0.0257	0.00000994	65.6	0.0000325	0.00278	0.000332	0.00228	0.0602	0.0000194	8.69	12.1	0.0968	0.00332	54.6	0.00889	0.0593	0.0000929	0.000614	0.000658	0.359	0.0000045	0.000969	0.000588	0.00224	0.000386
2041 Mar	416	0.332	1.33	0.0289	86.1	0.104	172	0.00932	0.00151	0.00000813	0.01111	0.0107	0.134	0.0259	0.00000996	65.8	0.0000326	0.00279	0.000335	0.00229	0.0607	0.0000194	8.71	12.2	0.0975	0.00333	54.8	0.00893	0.0596	0.0000954	0.000616	0.00066	0.36	0.00000451	0.000972	0.000594	0.00225	0.000387
2041 Apr	421	0.337	1.34	0.0292	87.3	0.105	174	0.00942	0.00153	0.00000823	0.0112	0.0108	0.136	0.0264	0.00000101	66.6	0.000033	0.00282	0.000342	0.00232	0.0617	0.0000197	8.82	12.3	0.099	0.00337	55.5	0.00904	0.0603	0.0000982	0.000624	0.000667	0.365	0.00000456	0.000984	0.000605	0.00228	0.000391
2041 May	506	0.425	1.82	0.0346	115	0.127	199	0.00945	0.00158	0.00000886	0.0124	0.0115	0.173	0.0308	0.0000109	73.8	0.0000407	0.00375	0.000426	0.00288	0.069	0.000023	10.2	15.5	0.119	0.0039	73.6	0.0124	0.0634	0.000155	0.000796	0.000744	0.453	0.00000485	0.00131	0.000792	0.00255	0.00039
2041 Jun	172	0.122	0.502	0.00965	38.6	0.0586	48.7	0.00321	0.0017	0.00000878	0.013	0.00362	0.0584	0.0228	0.00000924	29.9	0.0000412	0.00128	0.000248	0.00155	0.073	0.0000192	3.59	5.57	0.0504	0.00105	23	0.00477	0.0752	0.000193	0.000522	0.000226	0.181	0.00000377	0.000417	0.000902	0.00347	0.000075
2041 Jul	121	0.0545	0.202	0.00611	22	0.0551	31.6	0.00314	0.00187	0.00000944	0.0127	0.00322	0.0371	0.0227	0.00000974	26.2	0.0000352	0.00074	0.000211	0.00143	0.0791	0.0000194	2.83	3.89	0.0383	0.000697	12.4	0.00307	0.0817	0.00019	0.000424	0.000177	0.137	0.00000398	0.000239	0.000759	0.00347	0.0000628
2041 Aug	236	0.128	0.498	0.0155	38.2	0.0728	100	0.00673	0.00164	0.00000839	0.00998	0.00724	0.0736	0.022	0.00000947	45	0.0000252	0.00143	0.000234	0.00161	0.0636	0.0000178	5.51	6.97	0.0625	0.00189	24.3	0.00472	0.0634	0.000123	0.000435	0.000422	0.219	0.00000416	0.000488	0.000499	0.00255	0.000251
2041 Sep	404	0.237	0.924	0.0288	61.2	0.091	193	0.0118	0.00156	0.00000808	0.00968	0.0128	0.127	0.0222	0.0000102	71.6	0.0000279	0.00248	0.000294	0.00192	0.0533	0.0000179	9.32	11.4	0.102	0.00346	41.4	0.00736	0.0515	0.0000753	0.000609	0.00076	0.339	0.00000484	0.000853	0.000507	0.00229	0.000506
2041 Oct	359	0.274	1.03	0.0245	68.4	0.094	155	0.00838	0.00136	0.00000731	0.0101	0.00958	0.121	0.0224	0.00000896	58.6	0.0000294	0.0025	0.000283	0.00204	0.0517	0.0000175	7.8	10.8	0.0841	0.00301	44.3	0.00801	0.0535	0.0000656	0.000549	0.000591	0.321	0.00000406	0.000876	0.000501	0.00201	0.000347
2041 Nov	374	0.296	1.13	0.0253	74.4	0.0996	158	0.00822	0.00138	0.00000748	0.0105	0.00956	0.128	0.0234	0.00000914	59.4	0.0000312	0.00269	0.000295	0.00218	0.0532	0.0000183	8	11.4	0.0861	0.00311	48	0.0087	0.0554	0.0000559	0.000576	0.000596	0.337	0.00000411	0.000941	0.000528	0.00206	0.000339
2041 Dec	376	0.3	1.15	0.0254	75.5	0.1	158	0.00813	0.00137	0.00000749	0.0106	0.0095	0.129	0.0234	0.00000914	59.3	0.0000315	0.00272	0.000297	0.0022	0.0533	0.0000184	8.01	11.5	0.0862	0.00311	48.7	0.00883	0.0555	0.0000557	0.000581	0.000594	0.339	0.0000041	0.000953	0.000532	0.00206	0.000335
2042 Jan	375	0.3	1.15	0.0253	75.7	0.1	157	0.00809	0.00137	0.00000748	0.0106	0.00947	0.129	0.0236	0.00000913	59.2	0.0000315	0.00272	0.000299	0.0022	0.0536	0.0000184	7.99	11.5	0.0865	0.00311	48.8	0.00885	0.0555	0.0000579	0.000581	0.000592	0.34	0.00000409	0.000953	0.000537	0.00206	0.000332
2042 Feb	375	0.3	1.15	0.0253	75.7	0.1	157	0.00806	0.00137	0.00000747	0.0106	0.00944	0.129	0.0238	0.00000911	59.2	0.0000315	0.00272	0.000303	0.0022	0.0541	0.0000184	7.99	11.5	0.087	0.0031	48.8	0.00884	0.0556	0.0000614	0.00058	0.000591	0.34	0.00000408	0.000952	0.000543	0.00206	0.000331
2042 Mar	376	0.301	1.15	0.0253	75.9	0.1	157	0.00806	0.00137	0.00000749	0.0106	0.00945	0.129	0.024	0.00000913	59.4	0.0000316	0.00273	0.000307	0.00221	0.0546	0.0000184	8	11.6	0.0876	0.0031	48.9	0.00887	0.0558	0.0000639	0.000582	0.000592	0.341	0.00000409	0.000954	0.000555	0.00207	0.000331
2042 Apr	389	0.311	1.2	0.0262	78.8	0.104	162	0.00829	0.00141	0.00000771	0.0109	0.00974	0.134	0.0249	0.00000941	61.3	0.0000327	0.00283	0.000319	0.00229	0.0566	0.000019	8.27	12	0.0909	0.0032	50.7	0.00922	0.0574	0.0000678	0.000603	0.000611	0.354	0.00000421	0.00099	0.000573	0.00213	0.00034
2042 May	443	0.358	1.37	0.0291	92	0.118	180	0.00901	0.00164	0.000009	0.0127	0.0108	0.152	0.0326	0.0000109	71.3	0.0000391	0.00327	0.000438	0.00272	0.0762	0.0000223	9.4	14.1	0.115	0.00357	58.5	0.0108	0.0691	0.0002	0.000709	0.000686	0.419	0.00000481	0.00113	0.000809	0.00256	0.000365
2042 Jun	154	0.101	0.329	0.00805	30.2	0.0546	44.4	0.0034	0.00173	0.00000881	0.0129	0.00369	0.0488	0.0245	0.00000924	31	0.0000393	0.00105	0.000269	0.00148	0.0779	0.0000186	3.42	5.05	0.0524	0.000967	17.3	0.00391	0.0774	0.000234	0.000473	0.00022	0.17	0.0000038	0.000334	0.000907	0.0034	0.0000828
2042 Jul	109	0.0634	0.289	0.0058	24	0.0515	31	0.00209	0.00127	0.00000655	0.00815	0.00246	0.039	0.0171	0.00000683	20.1	0.0000213	0.000828	0.000162	0.00124	0.0557	0.0000143	2.42	3.84	0.0299	0.000705	14.3	0.00335	0.0555	0.000131	0.000299	0.000146	0.126	0.00000277	0.000287	0.000438	0.00215	0.0000407
2042 Aug	167	0.0974	0.281	0.0106	25.1	0.0573	73.5	0.00499	0.00112	0.00000568	0.00624	0.00537	0.052	0.0163	0.00000647	34.2	0.0000108	0.000965	0.000159	0.0011	0.0388	0.0000118	4.01	4.9	0.0422	0.00151	15.1	0.00306	0.0411	0.0000373	0.000217	0.000312	0.158	0.00000288	0.00033	0.000182	0.00137	0.000192
2042 Sep	218	0.127	0.369	0.0146	30.1	0.0626	103	0.00681	0.00116	0.00000588	0.00667	0.00727	0.0674	0.0169	0.00000702	43.6	0.0000131	0.00125	0.000182	0.0012	0.0379	0.0000123	5.26	6.23	0.0555	0.00201	19	0.00371	0.0404	0.0000266	0.000279	0.000424	0.195	0.00000323	0.000427	0.000217	0.00142	0.000279
2042 Oct	216	0.144	0.427	0.0142	33.6	0.0646	98.1	0.00613	0.00112	0.00000574	0.00702	0.0067	0.0695	0.0172	0.00000681	41.5	0.000015	0.00134	0.000186	0.00128	0.0386	0.0000124	5.08	6.4	0.0534	0.00197	20.9	0.00414	0.0417	0.000026	0.000287	0.000396	0.199	0.00000309	0.000463	0.000244	0.0014	0.000248
2042 Nov	220	0.15	0.452	0.0144	35.1	0.0661	99.1	0.0061	0.00112	0.00000579	0.00717	0.0067	0.0715	0.0174	0.00000687	41.7	0.0000156	0.00139	0.00019	0.00132	0.0391	0.0000127	5.14	6.57	0.0541	0.002	21.8	0.00434	0.0423	0.0000263	0.000296	0.000398	0.203	0.00000311	0.000482	0.000253	0.00142	0.000246
2042 Dec	221	0.15	0.456	0.0144	35.1	0.0663	99.2	0.00609	0.00112	0.00000558	0.00719	0.0067	0.0718	0.0175	0.00000687	41.7	0.0000157	0.00141	0.00019	0.00133	0.0392	0.0000127	5.14	6.59	0.0541	0.002	22	0.00437	0.0424	0.0000263	0.000297	0.000398	0.204	0.00000311	0.000485	0.000255	0.00142	0.000246
2043 Jan	221	0.151	0.458	0.0144	35.4	0.0664	99.2	0.00608	0.00112	0.0000058	0.00719	0.00669	0.072	0.0175	0.00000687	41.8	0.0000158	0.00141	0.000191	0.00133	0.0393	0.0000127	5.15	6.6	0.0543	0.002	22	0.00438	0.0424	0.000027	0.000297	0.000398	0.204	0.00000311	0.000486	0.000257	0.00142	0.000245
2043 Feb	221	0.151	0.458	0.0144	35.5	0.0664	99.1	0.00608	0.00112	0.0000058	0.00719	0.00669	0.0719	0.0176	0.00000687	41.8	0.0000158	0.00141	0.000192	0.00133	0.0394	0.0000127	5.15	6.61	0.0544	0.002	22.1	0.00438	0.0424	0.0000279	0.000297	0.000398	0.204	0.0000031	0.000486	0.000258	0.00142	0.000245
2043 Mar	221	0.151	0.457	0.0144	35.5	0.0664	99.1	0.00608	0.00112	0.0000058	0.0072	0.00669	0.0719	0.0176	0.00000687	41.8	0.0000158	0.00141	0.000193	0.00133	0.0396	0.0000127	5.15	6.61	0.0546	0.002	22.1	0.00438	0.0425	0.0000286	0.000298	0.000398	0.205	0.00000311	0.000486	0.00026	0.00142	0.000245
2043 Apr	223	0.153	0.462	0.0146	35.9	0.0671	100	0.00614	0.00114	0.00000587	0.00728	0.00677	0.0727	0.0179	0.00000695	42.3	0.000016	0.00142	0.000196	0.00135	0.0401	0.0000129	5.21	6.69	0.0553	0.00202	22.3	0.00443	0.043	0.0000294	0.000301	0.000402	0.207	0.00000314	0.000491	0.000264	0.00144	0.000248
2043 May	233	0.16	0.476	0.0149	38	0.0696	102	0.0063	0.00121	0.00000626	0.0078	0.00699	0.0748	0.0207	0.00000736	45.1	0.0000176	0.00148	0.000239	0.00145	0.0477	0.0000137	5.43	7.11	0.063	0.00207	23.3	0.00465	0.0471	0.0000878	0.000322	0.000417	0.222	0.00000331	0.000507	0.000348	0.00157	0.000252
2043 Jun	152	0.102	0.208	0.00691	28	0.0465	45.5	0.00344	0.00141	0.00000713	0.00967	0.00405	0.0388	0.0329	0.00000757	38.2	0.0000274	0.000904	0.000445	0.00144	0.0921	0.0000147	3.57	5.57	0.0836	0.00097	14.1	0.00319	0.0663	0.000529	0.000343	0.000248	0.196	0.00000317	0.000264	0.000977	0.00245	0.0001
2043 Jul	156	0.1	0.219	0.00714	28.5	0.0493	46.4	0.00354	0.00151	0.00000764	0.0104	0.00413	0.041	0.0331	0.00000809	38.4	0.0000295	0.000943	0.000438	0.0015	0.0941	0.0000158	3.65	5.67	0.0824	0.000988	14.6	0.00338	0.0703	0.000513	0.000371	0.000251	0.198	0.00000338	0.000279	0.000997	0.00266	0.0001
2043 Aug	183	0.11	0.257	0.00928	30.7	0.0539	62.8	0.00461	0.00158	0.000008	0.0106	0.00523	0.0492	0.0337	0.00000864	43.7	0.0000303	0.00109	0.000448	0.00159	0.0954	0.0000165	4.36	6.38	0.089	0.00125	16.4	0.00373	0.0715	0.000507	0.000406	0.000315	0.219	0.00000368	0.00033	0.001	0.00273	0.00015
2043 Sep	200	0.12	0.309	0.0105	33.4	0.0574	71.9	0.00502	0.00158	0.00000803	0.0107	0.00571	0.056	0.0334	0.00000877	45.9	0.0000307	0.00123	0.000448	0.00164	0.0938	0.0000168	4.74	6.89	0.0916	0.00141	18.4	0.00416	0.0705	0.000491	0.000429	0.000345	0.232	0.00000376	0.000381	0.000991	0.00273	0.00017
2043 Oct	202	0.129	0.337	0.0107	34.8	0.0597	72.6	0.0049	0.00156	0.00000796	0.0107	0.00564	0.0586	0.0329	0.0000087	45.4	0.0000308	0.00129	0.000437	0.00168	0.0916	0.0000169	4.75	7.02	0.0893	0.00146	19.3	0.00438	0.0702	0.000464	0.000427	0.000343	0.234	0.00000372	0.000405	0.000961	0.00267	0.000166
2043 Nov	199	0.132	0.336	0.0104	34.7	0.0602	70.6	0.00474	0.00154	0.00000786	0.0107	0.00546	0.058	0.0323	0.00000858	44.3	0.0000303	0.00127	0.000424	0.00167	0.0896	0.0000167	4.65	6.9	0.086	0.00144	19.2	0.00435	0.07	0.000441	0.000414	0.000332	0.23	0.00000366	0.000404	0.000927	0.0026	0.000158
2043 Dec	198	0.132	0.336	0.0104	34.7	0.0602	70.5	0.00473	0.00154	0.00000786	0.0107	0.00546	0.0579	0.0323	0.00000857	44.3	0.0000303	0.00127	0.000424	0.00167	0.0895	0.0000167	4.64	6.89	0.0858	0.00144	19.2	0.00435	0.0699	0.00044	0.000413	0.000331	0.23	0.00000365	0.000404	0.000926	0.0026	0.000158
2044 Jan	198	0.132	0.336	0.0104	34.7	0.0602	70.5	0.00473	0.00154	0.00000786	0.0107	0.00545	0.0579	0.0323	0.00000857	44.3	0.0000303	0.00127	0.000424	0.00167	0.0895	0.0000167	4.64	6.89	0.0859	0.00144	19.2	0.00435	0.0699	0.00044	0.000413	0.000331	0.23	0.00000365	0.000403	0.000926	0.0026	0.000158
2044 Feb	198	0.132	0.336	0.0104	34.7	0.0602	70.6	0.00473	0.00154	0.00000786	0.0107	0.00546	0.0579	0.0323	0.00000857	44.3	0.0000303	0.00127	0.000424	0.00167	0.0896	0.0000167	4.64	6.9	0.086	0.00144	19.2	0.00435	0.07	0.00044	0.000413	0.000332	0.23	0.00000365	0.000404	0.000927	0.0026	0.000158
2044 Mar	199	0.132	0.336	0.0104	34.8	0.0603	70.7	0.00474	0.00154	0.00000786	0.0107	0.00547	0.058	0.0324	0.00000858	44.4	0.0000303	0.00127	0.000425	0.00167	0.0897	0.0000167	4.65	6.9	0.0861	0.00145	19.2	0.00435	0.07	0.000441	0.000413	0.000332	0.23	0.00000366	0.000404	0.000928	0.0026	0.000158
2044 Apr	199	0.133	0.337	0.0105	34.8	0.0604	70.9	0.00475	0.00154	0.00000788	0.0107	0.00548	0.0581	0.0324	0.0000086	44.5	0.0000304	0.00128	0.000426	0.00167	0.09	0.0000167	4.66	6.92	0.0864	0.00145	19.2	0.00436	0.0702	0.000442	0.000414	0.000333	0.231	0.00000367	0.000405	0.00093	0.00261	0.000159
2044 May	203	0.135	0.343	0.0106	35.5	0.0614	72.1	0.00483	0.00157	0.00000802	0.0109	0.00558	0.0591	0.0331	0.00000875	45.3	0.000031	0.0013	0.000434	0.0017	0.0916	0.000017	4.74	7.05	0.088	0.00147	19.6	0.00444	0.0714	0.000451	0.000422	0.000339	0.235	0.00000373	0.000412	0.000948	0.00265	0.000161
2044 Jun	158	0.101	0.245	0.00778	27.9	0.0521	50.6	0.00374	0.00154	0.00000781	0.0109	0.00423	0.0458	0.0288	0.00000831	36.3	0.0000317	0.00101	0.00036	0.00148	0.0841	0.0000164	3.7	5.52	0.0699	0.00107	15	0.0036	0.0703	0.000379	0.000396	0.000254	0.189	0.00000348	0.000313	0.000902	0.00277	0.

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2047 Jun	148	0.101	0.277	0.00583	30.4	0.0557	38.8	0.00235	0.00153	0.00000794	0.0115	0.00308	0.0508	0.0312	0.00000826	33.1	0.0000355	0.00122	0.000403	0.00166	0.0908	0.0000175	3.4	6.04	0.0732	0.000915	15.9	0.00463	0.0731	0.00045	0.000445	0.000205	0.204	0.00000333	0.000382	0.00104	0.00296	0.000041
2047 Jul	151	0.102	0.283	0.006	31	0.057	40.2	0.00242	0.00155	0.00000806	0.0116	0.00317	0.0523	0.0317	0.0000084	33.7	0.0000036	0.00125	0.000409	0.00169	0.092	0.0000178	3.49	6.19	0.0745	0.000943	16.2	0.00475	0.0741	0.000455	0.000455	0.000211	0.209	0.00000339	0.000394	0.00106	0.003	0.0000431
2047 Aug	159	0.108	0.311	0.00639	32.7	0.0604	43.8	0.00248	0.00157	0.00000821	0.0118	0.0033	0.0572	0.0322	0.00000858	34.8	0.0000369	0.00137	0.000417	0.00177	0.093	0.0000183	3.68	6.59	0.0766	0.00102	17.3	0.00517	0.0749	0.000457	0.000476	0.000222	0.22	0.00000346	0.000435	0.00107	0.00304	0.0000448
2047 Sep	165	0.112	0.336	0.00666	33.9	0.0627	46.7	0.00246	0.00155	0.00000816	0.0118	0.00335	0.0614	0.032	0.00000855	35	0.0000371	0.00147	0.000416	0.00181	0.0916	0.0000185	3.81	6.88	0.0771	0.00108	18.2	0.00552	0.0739	0.000447	0.000488	0.000229	0.227	0.00000344	0.000471	0.00106	0.00302	0.0000449
2047 Oct	166	0.115	0.344	0.00673	34.2	0.0637	47.7	0.00244	0.00153	0.00000809	0.0117	0.00335	0.0628	0.0318	0.00000849	35	0.0000037	0.0015	0.000412	0.00182	0.0904	0.0000184	3.84	6.97	0.0765	0.00111	18.4	0.00563	0.0733	0.000436	0.000488	0.00023	0.229	0.00000341	0.000484	0.00105	0.00298	0.0000449
2047 Nov	166	0.116	0.345	0.00673	34.3	0.064	47.8	0.00243	0.00153	0.00000807	0.0117	0.00335	0.0631	0.0317	0.00000847	34.9	0.0000369	0.00151	0.00041	0.00182	0.0899	0.0000184	3.84	6.98	0.0761	0.00112	18.5	0.00565	0.0732	0.000431	0.000486	0.00023	0.229	0.00000334	0.000487	0.00104	0.00296	0.0000447
2047 Dec	167	0.116	0.345	0.00674	34.3	0.064	47.9	0.00243	0.00153	0.00000807	0.0117	0.00335	0.0632	0.0316	0.00000847	35	0.0000369	0.00151	0.00041	0.00183	0.0899	0.0000184	3.85	6.98	0.0761	0.00112	18.5	0.00566	0.0732	0.000431	0.000486	0.00023	0.229	0.00000334	0.000487	0.00104	0.00296	0.0000447
2048 Jan	167	0.116	0.346	0.00674	34.3	0.064	47.9	0.00243	0.00153	0.00000807	0.0117	0.00335	0.0632	0.0317	0.00000847	35	0.0000369	0.00151	0.00041	0.00183	0.0899	0.0000184	3.85	6.99	0.0762	0.00112	18.5	0.00566	0.0732	0.000431	0.000486	0.00023	0.229	0.0000034	0.000488	0.00104	0.00296	0.0000448
2048 Feb	167	0.116	0.346	0.00675	34.3	0.064	48	0.00243	0.00153	0.00000807	0.0117	0.00335	0.0632	0.0317	0.00000847	35	0.0000369	0.00151	0.00041	0.00183	0.09	0.0000184	3.85	6.99	0.0762	0.00112	18.5	0.00566	0.0732	0.000431	0.000486	0.000231	0.229	0.0000034	0.000488	0.00104	0.00296	0.0000449
2048 Mar	167	0.116	0.346	0.00675	34.3	0.064	48	0.00244	0.00153	0.00000807	0.0117	0.00335	0.0632	0.0317	0.00000847	35	0.0000369	0.00151	0.00041	0.00183	0.09	0.0000184	3.85	6.99	0.0762	0.00112	18.5	0.00566	0.0732	0.000431	0.000486	0.000231	0.229	0.0000034	0.000488	0.00104	0.00296	0.000045
2048 Apr	167	0.116	0.346	0.00677	34.4	0.0642	48.1	0.00244	0.00153	0.00000808	0.0117	0.00336	0.0634	0.0318	0.00000849	35.1	0.0000037	0.00151	0.000411	0.00183	0.0902	0.0000184	3.86	7.01	0.0765	0.00112	18.5	0.00568	0.0733	0.000432	0.000487	0.000231	0.23	0.0000034	0.000489	0.00105	0.00297	0.0000451
2048 May	169	0.117	0.349	0.00683	34.7	0.0647	48.5	0.00247	0.00154	0.00000815	0.0118	0.00339	0.0639	0.032	0.00000856	35.4	0.0000373	0.00153	0.000415	0.00185	0.091	0.0000186	3.89	7.07	0.0771	0.00113	18.7	0.00572	0.074	0.000436	0.000492	0.000233	0.232	0.0000034	0.000493	0.00105	0.00299	0.0000456
2048 Jun	147	0.0986	0.285	0.00583	29.8	0.0584	40.1	0.00229	0.00154	0.00000804	0.0117	0.00301	0.0548	0.0292	0.00000837	31.5	0.0000366	0.0013	0.000365	0.00167	0.0856	0.0000179	3.41	6.08	0.0668	0.000954	15.9	0.00493	0.0729	0.000382	0.000463	0.000202	0.202	0.0000336	0.000415	0.000996	0.00302	0.0000373
2048 Jul	134	0.0851	0.242	0.00524	26.6	0.0548	34.9	0.00224	0.00156	0.00000811	0.0119	0.0028	0.0491	0.0274	0.0000084	29.2	0.0000367	0.00115	0.000332	0.00157	0.0829	0.0000178	3.13	5.44	0.0601	0.000839	14	0.00443	0.0733	0.000345	0.000452	0.000184	0.183	0.0000337	0.000365	0.000965	0.0031	0.0000334
2048 Aug	140	0.0892	0.265	0.0055	27.8	0.058	38.1	0.00223	0.00155	0.00000801	0.0118	0.00287	0.0538	0.0274	0.00000841	29.7	0.0000366	0.00126	0.000332	0.00163	0.0817	0.000018	3.28	5.78	0.0607	0.000914	14.9	0.00483	0.0725	0.000335	0.000463	0.000192	0.192	0.0000337	0.000405	0.000951	0.00306	0.0000336
2048 Sep	143	0.0926	0.278	0.00563	28.5	0.0599	40.1	0.0022	0.00152	0.000008	0.0117	0.00289	0.0567	0.0271	0.00000833	29.8	0.0000362	0.00132	0.000328	0.00165	0.0799	0.000018	3.36	5.97	0.0604	0.000965	15.3	0.0505	0.0713	0.000322	0.000464	0.000196	0.197	0.0000334	0.000429	0.00093	0.003	0.0000336
2048 Oct	144	0.0946	0.283	0.00569	28.7	0.0606	41.1	0.0022	0.00151	0.00000794	0.0116	0.00291	0.0578	0.027	0.00000828	29.9	0.0000361	0.00135	0.000326	0.00166	0.0791	0.0000179	3.39	6.04	0.0602	0.000989	15.5	0.00514	0.0708	0.000316	0.000464	0.000198	0.198	0.0000332	0.00044	0.00092	0.00297	0.0000341
2048 Nov	145	0.0954	0.285	0.00572	28.8	0.0609	41.4	0.0022	0.00151	0.00000794	0.0116	0.00292	0.0582	0.027	0.00000828	30	0.0000361	0.00136	0.000326	0.00167	0.079	0.000018	3.4	6.07	0.0603	0.000998	15.5	0.00518	0.0708	0.000314	0.000464	0.000198	0.199	0.0000332	0.000443	0.000918	0.00296	0.0000343
2048 Dec	145	0.0955	0.285	0.00572	28.8	0.0609	41.4	0.0022	0.00151	0.00000794	0.0116	0.00292	0.0582	0.027	0.00000828	30	0.0000361	0.00136	0.000326	0.00167	0.079	0.000018	3.4	6.08	0.0603	0.000998	15.5	0.00518	0.0708	0.000314	0.000464	0.000198	0.199	0.0000332	0.000444	0.000918	0.00296	0.0000343
2049 Jan	145	0.0955	0.285	0.00572	28.8	0.0609	41.4	0.0022	0.00151	0.00000794	0.0116	0.00292	0.0582	0.027	0.00000828	30	0.0000361	0.00136	0.000326	0.00167	0.079	0.000018	3.41	6.08	0.0603	0.000998	15.5	0.00518	0.0708	0.000314	0.000464	0.000199	0.199	0.0000332	0.000443	0.000918	0.00296	0.0000344
2049 Feb	145	0.0955	0.285	0.00572	28.8	0.0609	41.4	0.00221	0.00151	0.00000794	0.0116	0.00292	0.0582	0.027	0.00000828	30	0.0000361	0.00136	0.000326	0.00167	0.079	0.000018	3.41	6.08	0.0603	0.000999	15.5	0.00518	0.0708	0.000314	0.000464	0.000199	0.199	0.0000332	0.000443	0.000918	0.00296	0.0000345
2049 Mar	145	0.0955	0.285	0.00573	28.8	0.0609	41.5	0.00221	0.00151	0.00000794	0.0116	0.00293	0.0583	0.027	0.00000828	30	0.0000361	0.00136	0.000327	0.00167	0.0791	0.000018	3.41	6.08	0.0604	0.000999	15.5	0.00518	0.0708	0.000314	0.000464	0.000199	0.199	0.0000332	0.000444	0.000919	0.00296	0.0000346
2049 Apr	146	0.0957	0.286	0.00574	28.9	0.0611	41.6	0.00221	0.00151	0.00000796	0.0116	0.00293	0.0584	0.0271	0.0000083	30.1	0.0000362	0.00136	0.000327	0.00167	0.0792	0.000018	3.42	6.09	0.0605	0.001	15.6	0.00519	0.0709	0.000315	0.000465	0.000199	0.2	0.0000332	0.000445	0.000921	0.00297	0.0000347
2049 May	147	0.0966	0.288	0.0058	29.2	0.0616	42	0.00223	0.00153	0.00000802	0.0117	0.00296	0.0589	0.0273	0.00000837	30.4	0.0000365	0.00138	0.000331	0.00169	0.08	0.0000182	3.45	6.15	0.0611	0.00101	15.7	0.00523	0.0716	0.000318	0.00047	0.000201	0.202	0.0000335	0.000449	0.000929	0.00299	0.0000351
2049 Jun	128	0.0803	0.232	0.00491	25	0.055	34.2	0.00207	0.0015	0.00000783	0.0115	0.00261	0.05	0.0251	0.00000811	27.1	0.0000356	0.00116	0.000293	0.00152	0.0758	0.0000173	3.01	5.26	0.0532	0.000838	13.3	0.00447	0.07	0.000284	0.00044	0.000173	0.175	0.0000325	0.000373	0.000885	0.00299	0.00028
2049 Jul	122	0.0735	0.211	0.00466	23.4	0.0534	31.9	0.00207	0.00153	0.00000793	0.0116	0.00254	0.0474	0.0244	0.00000819	26.2	0.0000359	0.00109	0.00028	0.00148	0.0752	0.0000174	2.89	4.97	0.0505	0.000784	12.4	0.00424	0.0708	0.00027	0.000438	0.000166	0.167	0.0000328	0.00035	0.000879	0.00305	0.0000268
2049 Aug	129	0.0771	0.227	0.00494	24.6	0.0564	34.8	0.00214	0.00156	0.00000811	0.0119	0.00267	0.0511	0.025	0.0000084	27.2	0.0000366	0.00118	0.000287	0.00155	0.0764	0.0000179	3.05	5.29	0.0523	0.000849	13.1	0.00456	0.072	0.000272	0.000455	0.000176	0.176	0.0000336	0.00038	0.000892	0.0031	0.000029
2049 Sep	133	0.0813	0.244	0.00512	25.5	0.0588	37.6	0.00212	0.00153	0.00000803	0.0118	0.00272	0.0551	0.0249	0.00000834	27.5	0.0000366	0.00127	0.000287	0.00159	0.0751	0.000018	3.18	5.58	0.0529	0.000914	13.7	0.00489	0.0709	0.000264	0.000463	0.000183	0.183	0.0000333	0.000415	0.000881	0.00305	0.0000293
2049 Oct	135	0.0834	0.25	0.0052	25.7	0.0595	38.8	0.00212	0.00151	0.00000794	0.0117	0.00274	0.0565	0.0247	0.00000826	27.6	0.0000364	0.0013	0.000286	0.0016	0.0741	0.0000179	3.22	5.68	0.0528	0.000943	13.9	0.005	0.0701	0.000258	0.000463	0.000185	0.186	0.0000033	0.000427	0.00087	0.00301	0.0000301
2049 Nov	136	0.0847	0.254	0.00526	25.9	0.0601	39.6	0.00213	0.00151	0.00000793	0.0117	0.00277	0.0574	0.0247	0.00000826	27.8	0.0000364	0.00133	0.000286	0.00161	0.0739	0.0000179	3.25	5.75	0.053	0.000961	14	0.00507	0.07	0.000256	0.000465	0.000187	0.187	0.0000033	0.000435	0.000868	0.003	0.0000309
2049 Dec	136	0.0848	0.254	0.00526	25.9	0.0602	39.7	0.00213	0.00151	0.00000793	0.0117	0.00277	0.0575	0.0247	0.00000826	27.8	0.0000364	0.00133	0.000286	0.00161	0.0738	0.0000179	3.26	5.76	0.0531	0.000963	14	0.00508	0.07	0.000256	0.000465	0.000187	0.188	0.0000033	0.000436	0.000867	0.003	0.000031
2050 Jan	136	0.0849	0.254	0.00527	25.9	0.0602	39.7	0.00213	0.00151	0.00000793	0.0117	0.00277	0.0575	0.0247	0.00000826	27.8	0.0000364	0.00133	0.000286	0.00161	0.0739	0.0000179	3.26	5.76	0.0531	0.000963	14	0.00508	0.07	0.000256	0.000465	0.000188	0.188	0.0000033	0.000436	0.000867	0.003	0.0000311
2050 Feb	136	0.0849	0.254	0.00527	25.9	0.0601	39.8	0.00214	0.00151	0.00000793	0.0117	0.00278	0.0575	0.0247	0.00000826	27.8	0.0000364	0.00133	0.000286	0.00161	0.0739	0.0000179	3.26	5.76	0.0531	0.000964	14	0.00507	0.07	0.000256	0.000465	0.000188	0.188	0.0000033	0.000436	0.000868	0.003	0.0000312
2050 Mar	137	0.0849	0.254	0.00527	26	0.0601	39.8	0.00214	0.00151	0.00000793	0.0117	0.00278	0.0575	0.0247	0.00000826	27.8	0.0000364	0.00133	0.000287	0.00161	0.0739	0.0000179	3.26	5.76	0.0532	0.000964	14	0.00507	0.07	0.000256	0.000465	0.000188	0.188	0.0000033	0.000436	0.000868	0.003	0.0000313
2050 Apr	137	0.085	0.254	0.00528	26	0.0602	39.9	0.00214	0.00151	0.00000794	0.0117	0.00278	0.0576	0.0248	0.00000827	27.9	0.0000364	0.00133	0.000287	0.00161	0.074	0.0000179	3.27	5.77	0.0533	0.000966	14	0.00508	0.0701	0.000256	0.000465	0.000188	0.188	0.0000033	0.000437	0.000869	0.003	0.0000314
2050 May	138	0.0857	0.256	0.00533	26.2	0.0607	40.2	0.00216	0.00152	0.000008	0.0118	0.00281	0.058	0.025	0.00000833	28.1	0.0000367	0.00134	0.000289	0.00163	0.0746	0.0000181	3.29	5.82	0.0537	0.000973	14.1	0.00512	0.0706	0.000259	0.000469	0.00019	0.19	0.0000033	0.00044	0.000876	0.00302	0.0000317
2050 Jun	126	0.076	0.217	0.00473	23.7	0.0561	34.5	0.00207	0.00152	0.00000794	0.0117	0.00259	0.0513	0.0242	0.00000822	26.4	0.0000362	0.00118	0.000276	0.00153	0.0739	0.0000176	3.01	5.24	0.0503	0.00085	12.6	0.00457	0.0705	0.000254	0.000449	0.000172	0.174	0.0000329	0.000384	0.000868	0.00304	0.0000027
2050 Jul	119	0.0688	0.194	0.00444	22.1	0.0539	31.7	0.00205	0.00153	0.00000797	0.0117	0.0025	0.0478	0.0235	0.00000823	25.4	0.0000361	0.00109	0.000262	0.00147	0.0731	0.0000175	2.86	4.9	0.0474	0.000784	11.6	0.00426	0.0707	0.000242	0.000441	0.000163	0.164	0.0000329	0.000353	0.000855	0.00307	0.0000257
2050 Aug	123	0.0708	0.204	0.00463	22.7	0.056	34	0.0021	0.00155	0.00000805	0.0118	0.0026	0.0506	0.0238	0.00000833	26	0.0000364	0.00116	0.000266	0.00151	0.0735	0.0000178	2.97	5.12	0.0485	0.000832	12.1	0.00449	0.0711	0.000242	0.000451	0.00017	0.17	0.0000333	0.000375	0.000857	0.00309	0.0000277
2050 Sep	128	0.0737	0.217	0.00481	23.4	0.0579	36.4	0.00212	0.00154	0.00000805	0.0118	0.00267	0.0538	0.0239	0.00000835	26.5	0.0000367	0.00123	0.000269	0.00155	0.0732	0.000018	3.09	5.37	0.0495	0.000885	12.5	0.00476	0.0708	0.000239	0.000461	0.000177	0.176	0.0000334	0.000403	0.000858	0.00308	0.0000289
2050 Oct	130	0.0753	0.222	0.00493	23.7	0.0589	37.8	0.00216	0.00154	0.00000807	0.0119	0.00273	0.0553	0.024	0.00000839	26.9	0.0000369	0.00127	0.000271	0.00157	0.0733	0.0000181	3.16	5.49	0.0502	0.000914	12.7	0.00487	0.071	0.000239	0.000467	0.000181	0.18	0.0000336	0.000415	0.000862	0.00308	0.0000307
2050 Nov	132	0.0759	0.224	0.005	23.9	0.0593	38.5	0.00219	0.00154	0.00000809	0.0119	0.00276	0.0559	0.0241	0.00000841	27.1	0.0000037	0.00128	0.000272	0.00158	0.0734	0.0000181	3.19	5.55	0.0506	0.000927	12.8	0.00492	0.0711	0.000239	0.00047	0.000184	0.181	0.0000337	0.00042	0.000864	0.00309	0.0000317
2050 Dec	132	0.076	0.225	0.00501	23.9	0.0593	38.6	0.00219	0.00154	0.00000809	0.0119	0.00276	0.056	0.0241	0.00000842	27.2	0.0000371	0.00128	0.000272	0.00158	0.0734	0.0000182	3.2	5.56	0.0506	0.000929	12.9	0.00493	0.0711	0.000239	0.00047	0.000184	0.182	0.0000337	0.000421	0.000864	0.00309	0.0000319
2051 Jan	132	0.076	0.225	0.00501	23.9	0.0593	38.7	0.00219	0.00154	0.00000809	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00128	0.000272	0.00159	0.0734	0.0000182	3.2	5.56	0.0506	0.00093	12.9	0.00493	0.0711	0.000239	0.00047	0.000184	0.182	0.0000337	0.000421	0.000865	0.00309	0.000032
2051 Feb	132	0.076	0.225	0.00501	23.9	0.0593	38.7	0.00219	0.00154	0.00000809	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00128	0.000272	0.00159	0.0734	0.0000182	3.2	5.56	0.0507	0.00093	12.9	0.00493	0.0711	0.000239	0.00047	0.000184	0.182	0.0000337	0.000421	0.000865	0.00309	0.0000321
2051 Mar	132	0.0761	0.225	0.00502	23.9	0.0593	38.7	0.0022	0.00155	0.0000081	0.0119	0.00277	0.0561	0.0241	0.00000842	27.2	0.0000371	0.00128	0.000273	0.00159	0.0735	0.0000182	3.2	5.56	0.0507	0.000931	12.9	0.00493	0.0711	0.000239	0.00047	0.000185	0.182	0.0000337	0.000421	0.000865	0.00309	0.0000322
2051 Apr	132	0.0762	0.225	0.00503	24	0.0595	38.8	0.0022	0.00155	0.00000811	0.0119	0.00278	0.0562	0.0242	0.00000844	27.3	0.0000372	0.00129	0.000273	0.00159	0.0736	0.0000182	3.21	5.58	0.0508	0.000933	12.9	0.00494	0.0712	0.00024	0.000471	0.000185	0.182	0.0000338	0.000422	0.000867	0.0031	0.0000323
2051 May	135	0.0777	0.23	0.0051	24.4	0.0604	39.7	0.00222	0.00156	0.00000818	0.012	0.00282	0.0575	0.0246	0.00000851	27.8	0.0000376	0.00132	0.00028	0.00162	0.0747	0.0000184	3.27	5.71	0.0522	0.000953	13.1	0.00507	0.0718	0.000248	0.000479	0.000189	0.186	0.0000341	0.000433	0.000882	0.00312	0.0000325
2051 Jun	125	0.0703	0.194	0.00439	22.8	0.0553	34.5	0.00202	0.00152	0.00000796	0.0117	0.0026	0.0517	0.0256	0.00000824	27.3	0.000037	0.00121	0.000305	0.00156	0.078	0.0000177	3.06	5.43	0.0556	0.000832	11.9	0.00468	0.071	0.000305	0.000464	0.000175	0.18	0.0000329	0.000389	0.000933	0.00309	0.0000246
2051 Jul	124	0.0673	0.184	0.00436	22.3	0.052	33.8	0.0021	0.00158	0.00000821	0.0121	0.00263	0.0507	0.0257	0.00000848	27.3	0.0000038	0.00118	0.000301	0.00156	0.0791	0.0000181	3.05	5.33	0.0547	0.000813	11.5	0.00459	0.0731	0.0003	0.000471	0.000174	0.178	0.0000339	0.000378	0.000945	0.0032	0.0000257
2051 Aug	130	0.0701	0.199	0.00453	23.1	0.0583	37.1	0.00209	0.00156	0.00000815	0.0119	0.0027	0.0554	0.0256	0.00000845	27.8	0.0000377	0.00129	0.000301	0.00161	0.0777	0.0000183	3.2	5.67	0.0554	0.00089	12.1	0.00497	0.0719	0.00029	0.00048	0.000183	0.186	0.0000337	0.000418	0.000927	0.00315	0.0000263
2051 Sep	130	0.0733	0.203	0.00453	23.1	0.0595	38.2	0.00204	0.00151	0.00000796	0.0117	0.00269	0.0568	0.0251	0.00000827	27.6	0.0000367	0.00132	0.000294	0.00161	0.0753	0.000018	3.22	5.74	0.0542	0.000928	12.1	0.00507	0.0703	0.000273	0.000469	0.000183	0.188	0.0000033	0.000432	0.000891	0.00303	0.0000261
2051 Oct	124	0.0774	0.19	0.00428	22.3	0.0586	36.6	0.00194	0.00144	0.00000757	0.0112	0.00256	0.0543	0.0241	0.00000786	26.5	0.0000344	0.00126	0.000277	0.00156	0.0713	0.0000171	3.07	5.49	0.0502	0.000922	11.5	0.00483	0.0678	0.000245	0.000431	0.000173	0.18	0.0000314	0.000415	0.000818	0.00281	0.0000248
2051 Nov	125	0.0782	0.192	0.0043	22.4	0.0589	37	0.00194	0.00144	0.00000756	0.0112	0.00258	0.0548	0.0241	0.00000786	26.6	0.0000344	0.00127	0.000277	0.00157	0.0712	0.0000171	3.09	5.53	0.0502	0.000932	11.6	0.00487	0.0677	0.000243	0.000431	0.000174	0.181	0.0000313	0.000419	0.000816	0.0028	0.000025
2051 Dec	125	0.0784	0.192	0.00431	22.4	0.059	37.1	0.00194	0.00144	0.00000756	0.0112	0.00258	0.0549	0.0241	0.00000786	26.6	0.0000344	0.00127	0.000277	0.00157	0

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2054 Dec	151	0.0832	0.191	0.00455	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0682	0.0311	0.00000834	33.9	0.0000373	0.00164	0.000405	0.00188	0.088	0.0000186	3.88	7.3	0.0755	0.00114	12.5	0.00619	0.0715	0.000422	0.000507	0.000226	0.236	0.0000332	0.000536	0.00104	0.00294	0.0000325
2055 Jan	151	0.0832	0.191	0.00456	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0682	0.0311	0.00000834	34	0.0000373	0.00164	0.000405	0.00188	0.088	0.0000186	3.88	7.3	0.0755	0.00114	12.5	0.00619	0.0715	0.000422	0.000507	0.000226	0.236	0.0000332	0.000536	0.00104	0.00294	0.0000326
2055 Feb	151	0.0833	0.191	0.00456	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00316	0.0682	0.0311	0.00000834	34	0.0000373	0.00164	0.000406	0.00188	0.088	0.0000186	3.88	7.3	0.0756	0.00114	12.5	0.00618	0.0715	0.000422	0.000507	0.000227	0.236	0.0000332	0.000536	0.00104	0.00294	0.0000327
2055 Mar	151	0.0833	0.191	0.00456	25	0.0664	48.6	0.00215	0.00149	0.00000795	0.0116	0.00317	0.0682	0.0311	0.00000835	34	0.0000373	0.00164	0.000406	0.00188	0.088	0.0000186	3.89	7.3	0.0756	0.00114	12.5	0.00619	0.0715	0.000422	0.000507	0.000227	0.236	0.0000332	0.000536	0.00104	0.00294	0.0000328
2055 Apr	151	0.0834	0.191	0.00457	25.1	0.0665	48.7	0.00216	0.00149	0.00000796	0.0116	0.00317	0.0683	0.0312	0.00000836	34.1	0.0000374	0.00165	0.000407	0.00188	0.0882	0.0000186	3.89	7.31	0.0758	0.00114	12.5	0.0062	0.0716	0.000423	0.000508	0.000227	0.236	0.0000333	0.000537	0.00104	0.00295	0.0000329
2055 May	152	0.084	0.192	0.00461	25.2	0.067	49.1	0.00217	0.0015	0.00000802	0.0117	0.0032	0.0688	0.0314	0.00000842	34.3	0.0000377	0.00166	0.00041	0.0019	0.0888	0.0000187	3.92	7.37	0.0764	0.00115	12.6	0.00624	0.0721	0.000426	0.000512	0.000229	0.238	0.0000335	0.000541	0.00105	0.00297	0.0000332
2055 Jun	133	0.0701	0.157	0.00399	21.8	0.0599	40.7	0.00202	0.00148	0.00000782	0.0115	0.00281	0.0591	0.0281	0.00000815	30.2	0.0000367	0.00141	0.000354	0.0017	0.0822	0.0000179	3.42	6.3	0.0652	0.000968	10.8	0.00538	0.0702	0.000364	0.000479	0.000197	0.206	0.0000325	0.000457	0.00098	0.00297	0.0000266
2055 Jul	128	0.0649	0.144	0.0039	20.7	0.0582	38.3	0.00207	0.00152	0.00000798	0.0117	0.00277	0.0559	0.0274	0.00000829	29.3	0.0000371	0.00132	0.000336	0.00165	0.0815	0.000018	3.29	5.95	0.0618	0.000912	10.2	0.00507	0.0715	0.000344	0.000476	0.00019	0.196	0.0000331	0.000427	0.00969	0.00306	0.0000273
2055 Aug	133	0.0665	0.15	0.00405	21.2	0.0607	41	0.00213	0.00153	0.00000808	0.0118	0.00287	0.0593	0.0277	0.00000841	30.1	0.0000375	0.0014	0.000341	0.0017	0.0819	0.0000184	3.43	6.22	0.063	0.00097	10.5	0.00535	0.0719	0.000343	0.000488	0.000198	0.204	0.0000336	0.000454	0.000973	0.00308	0.0000293
2055 Sep	135	0.0677	0.154	0.00412	21.4	0.0621	42.8	0.00213	0.00152	0.00000803	0.0117	0.00292	0.0616	0.0275	0.00000838	30.3	0.0000374	0.00145	0.000339	0.00172	0.0809	0.0000184	3.51	6.38	0.0631	0.00101	10.7	0.00553	0.0712	0.000335	0.000492	0.000203	0.207	0.0000334	0.000474	0.00962	0.00304	0.0000303
2055 Oct	137	0.0686	0.157	0.0042	21.5	0.0629	44	0.00217	0.00152	0.00000805	0.0118	0.00297	0.0628	0.0276	0.00000841	30.6	0.0000375	0.00148	0.000341	0.00174	0.0809	0.0000185	3.56	6.48	0.0637	0.00104	10.8	0.00562	0.0712	0.000334	0.000496	0.000207	0.21	0.0000336	0.000484	0.00964	0.00305	0.000032
2055 Nov	138	0.069	0.158	0.00423	21.6	0.0633	44.5	0.00218	0.00152	0.00000806	0.0118	0.00299	0.0634	0.0277	0.00000843	30.8	0.0000376	0.00149	0.000341	0.00175	0.081	0.0000185	3.59	6.53	0.0639	0.00105	10.8	0.00567	0.0713	0.000334	0.000499	0.000208	0.211	0.0000336	0.000489	0.00965	0.00305	0.0000325
2055 Dec	138	0.0691	0.158	0.00424	21.6	0.0634	44.6	0.00218	0.00152	0.00000806	0.0118	0.00299	0.0636	0.0277	0.00000843	30.8	0.0000377	0.0015	0.000342	0.00175	0.0809	0.0000185	3.6	6.54	0.064	0.00105	10.8	0.00569	0.0713	0.000334	0.0005	0.000209	0.212	0.0000336	0.00049	0.00965	0.00305	0.0000325
2056 Jan	138	0.0692	0.158	0.00424	21.6	0.0634	44.6	0.00218	0.00152	0.00000806	0.0118	0.003	0.0636	0.0277	0.00000843	30.8	0.0000377	0.0015	0.000342	0.00175	0.0809	0.0000185	3.6	6.55	0.064	0.00105	10.8	0.00569	0.0713	0.000334	0.0005	0.000209	0.212	0.0000336	0.00049	0.00965	0.00305	0.0000326
2056 Feb	138	0.0692	0.158	0.00424	21.6	0.0634	44.7	0.00218	0.00152	0.00000806	0.0118	0.003	0.0636	0.0277	0.00000843	30.8	0.0000377	0.0015	0.000342	0.00175	0.081	0.0000185	3.6	6.55	0.0641	0.00105	10.8	0.00569	0.0713	0.000334	0.0005	0.000209	0.212	0.0000337	0.00049	0.00966	0.00305	0.0000327
2056 Mar	138	0.0692	0.158	0.00425	21.6	0.0634	44.7	0.00218	0.00152	0.00000806	0.0118	0.003	0.0636	0.0277	0.00000843	30.8	0.0000377	0.0015	0.000342	0.00175	0.081	0.0000185	3.6	6.55	0.0641	0.00105	10.8	0.00569	0.0713	0.000334	0.0005	0.000209	0.212	0.0000337	0.000491	0.00966	0.00305	0.0000328
2056 Apr	139	0.0694	0.159	0.00426	21.7	0.0635	44.8	0.00219	0.00152	0.00000808	0.0118	0.00301	0.0637	0.0278	0.00000845	30.9	0.0000377	0.0015	0.000343	0.00175	0.0812	0.0000186	3.61	6.56	0.0643	0.00105	10.9	0.0057	0.0714	0.000335	0.000501	0.00021	0.213	0.0000337	0.000492	0.00968	0.00306	0.0000329
2056 May	140	0.0708	0.156	0.00422	22.1	0.063	44.2	0.00219	0.00153	0.00000811	0.0118	0.00302	0.0628	0.0289	0.00000848	31.7	0.0000378	0.00149	0.000363	0.00177	0.0843	0.0000186	3.62	6.62	0.0675	0.00104	11	0.00566	0.0723	0.000367	0.0005	0.000211	0.216	0.0000338	0.000485	0.001	0.00307	0.0000324
2056 Jun	137	0.0737	0.133	0.00375	23.1	0.0573	38.2	0.00209	0.00154	0.00000808	0.0117	0.00295	0.0541	0.0337	0.00000838	34	0.0000372	0.00134	0.000447	0.00176	0.0973	0.0000181	3.5	6.53	0.0807	0.000905	10.8	0.00511	0.0748	0.000519	0.000476	0.000205	0.22	0.0000335	0.000418	0.00114	0.00306	0.0000271
2056 Jul	140	0.074	0.135	0.00389	23.3	0.0586	39.6	0.00217	0.00157	0.00000822	0.0118	0.00304	0.0555	0.0339	0.00000854	34.6	0.0000377	0.00137	0.00045	0.00179	0.0983	0.0000184	3.58	6.65	0.0815	0.000932	10.9	0.00521	0.0759	0.00052	0.000485	0.000211	0.223	0.0000341	0.000428	0.00115	0.0031	0.0000298
2056 Aug	144	0.075	0.142	0.00401	23.6	0.0616	42.9	0.00219	0.00157	0.00000824	0.0118	0.00313	0.0599	0.0339	0.00000859	35.1	0.0000379	0.00147	0.00045	0.00185	0.0974	0.0000187	3.73	6.97	0.0821	0.001	11.2	0.00558	0.0755	0.00051	0.000499	0.00022	0.231	0.0000343	0.000465	0.00114	0.00309	0.0000312
2056 Sep	150	0.0772	0.151	0.00419	24.2	0.0645	46.4	0.00224	0.00157	0.00000834	0.012	0.00325	0.0647	0.0343	0.00000871	36.1	0.0000388	0.00158	0.000457	0.00192	0.0979	0.0000191	3.92	7.35	0.0842	0.00108	11.5	0.00598	0.0759	0.000511	0.000519	0.000231	0.242	0.0000348	0.000505	0.00116	0.00313	0.000033
2056 Oct	152	0.0781	0.153	0.00422	24.2	0.0653	47.5	0.00224	0.00156	0.00000828	0.0119	0.00327	0.066	0.0341	0.00000867	36.1	0.0000387	0.00161	0.000454	0.00192	0.0969	0.0000191	3.95	7.43	0.0839	0.0011	11.6	0.00608	0.0753	0.000503	0.00052	0.000233	0.244	0.0000346	0.000516	0.00115	0.0031	0.0000336
2056 Nov	152	0.0784	0.153	0.00422	24.2	0.0655	47.7	0.00224	0.00156	0.00000827	0.0119	0.00327	0.0663	0.034	0.00000865	36.1	0.0000387	0.00162	0.000453	0.00193	0.0965	0.0000191	3.96	7.45	0.0836	0.00111	11.6	0.0061	0.0751	0.0005	0.00052	0.000233	0.244	0.0000345	0.000519	0.00114	0.00309	0.0000336
2056 Dec	152	0.0785	0.154	0.00422	24.2	0.0655	47.8	0.00224	0.00156	0.00000827	0.0119	0.00327	0.0664	0.034	0.00000865	36.1	0.0000387	0.00162	0.000453	0.00193	0.0965	0.0000191	3.96	7.46	0.0837	0.00111	11.6	0.00611	0.0751	0.0005	0.00052	0.000233	0.244	0.0000345	0.00052	0.00114	0.00309	0.0000337
2057 Jan	152	0.0785	0.154	0.00422	24.2	0.0655	47.8	0.00224	0.00156	0.00000827	0.0119	0.00327	0.0664	0.034	0.00000865	36.1	0.0000387	0.00162	0.000453	0.00193	0.0965	0.0000191	3.96	7.46	0.0837	0.00111	11.6	0.00611	0.0751	0.0005	0.00052	0.000233	0.244	0.0000345	0.00052	0.00114	0.00309	0.0000338
2057 Feb	152	0.0786	0.154	0.00423	24.2	0.0655	47.8	0.00224	0.00156	0.00000827	0.0119	0.00328	0.0664	0.034	0.00000865	36.1	0.0000387	0.00162	0.000453	0.00193	0.0965	0.0000191	3.97	7.46	0.0837	0.00111	11.6	0.00611	0.0751	0.0005	0.00052	0.000233	0.244	0.0000345	0.00052	0.00114	0.00309	0.0000338
2057 Mar	152	0.0786	0.154	0.00423	24.2	0.0656	47.9	0.00224	0.00156	0.00000827	0.0119	0.00328	0.0665	0.034	0.00000866	36.1	0.0000387	0.00162	0.000453	0.00193	0.0966	0.0000191	3.97	7.46	0.0838	0.00111	11.6	0.00611	0.0752	0.0005	0.00052	0.000234	0.244	0.0000345	0.00052	0.00114	0.00309	0.000034
2057 Apr	152	0.0788	0.154	0.00425	24.3	0.0657	48	0.00225	0.00156	0.00000829	0.012	0.00329	0.0666	0.0341	0.00000868	36.2	0.0000388	0.00162	0.000454	0.00193	0.0968	0.0000191	3.98	7.48	0.084	0.00112	11.6	0.00613	0.0753	0.000501	0.000522	0.000234	0.245	0.0000346	0.000521	0.00115	0.0031	0.0000342
2057 May	154	0.0797	0.155	0.00429	24.6	0.0663	48.4	0.00227	0.00158	0.00000837	0.0121	0.00333	0.0672	0.0346	0.00000876	36.7	0.0000392	0.00164	0.000461	0.00195	0.0981	0.0000193	4.02	7.56	0.0852	0.00113	11.7	0.00618	0.0761	0.00051	0.000527	0.000237	0.248	0.0000355	0.000526	0.00116	0.00313	0.0000345
2057 Jun	138	0.0713	0.127	0.00373	22.6	0.0589	39.8	0.00213	0.00156	0.00000819	0.0118	0.003	0.0565	0.0333	0.00000851	34.1	0.0000038	0.00139	0.000441	0.00179	0.0966	0.0000184	3.57	6.66	0.08	0.000938	10.5	0.0053	0.0753	0.000504	0.00049	0.000209	0.223	0.0000034	0.000437	0.00114	0.00311	0.000028
2057 Jul	137	0.0692	0.123	0.00373	22.1	0.0589	39.3	0.00216	0.00158	0.00000803	0.012	0.003	0.056	0.0329	0.00000861	33.8	0.0000383	0.00137	0.000431	0.00178	0.0961	0.0000186	3.54	6.55	0.0782	0.000926	10.3	0.00523	0.0761	0.00049	0.000492	0.000207	0.219	0.0000344	0.00043	0.00113	0.00316	0.0000284
2057 Aug	146	0.0721	0.134	0.00397	23.1	0.0636	44.1	0.00224	0.00162	0.00000854	0.0123	0.00318	0.0625	0.0339	0.0000089	35.3	0.0000398	0.00152	0.000445	0.00189	0.0981	0.0000194	3.82	7.11	0.0816	0.00103	10.9	0.0058	0.0777	0.000497	0.000523	0.000223	0.235	0.0000355	0.000485	0.00116	0.00324	0.0000307
2057 Sep	151	0.0738	0.141	0.00411	23.5	0.0658	46.9	0.00229	0.00163	0.00000863	0.0125	0.00328	0.0661	0.0342	0.00000901	36.1	0.0000405	0.00161	0.000451	0.00194	0.0986	0.0000198	3.96	7.41	0.0833	0.00109	11.2	0.0061	0.0781	0.000499	0.000539	0.000232	0.243	0.0000359	0.000515	0.00118	0.00327	0.0000326
2057 Oct	153	0.0746	0.144	0.00418	23.6	0.067	48.7	0.00231	0.00162	0.00000861	0.0125	0.00333	0.0684	0.0342	0.000009	36.4	0.0000407	0.00166	0.000452	0.00197	0.0981	0.0000198	4.04	7.57	0.0838	0.00113	11.3	0.00628	0.0777	0.000495	0.000547	0.000237	0.248	0.0000359	0.000534	0.00118	0.00326	0.0000339
2057 Nov	154	0.075	0.145	0.00421	23.7	0.0673	49.1	0.00232	0.00162	0.00000861	0.0125	0.00335	0.0688	0.0342	0.00000901	36.5	0.0000407	0.00167	0.000451	0.00197	0.0979	0.0000199	4.06	7.6	0.0839	0.00113	11.3	0.00631	0.0777	0.000493	0.000547	0.000239	0.248	0.0000359	0.000537	0.00117	0.00326	0.0000346
2057 Dec	154	0.0751	0.145	0.00422	23.7	0.0674	49.2	0.00232	0.00162	0.00000861	0.0125	0.00336	0.0689	0.0342	0.00000901	36.5	0.0000407	0.00167	0.000451	0.00197	0.0979	0.0000199	4.07	7.61	0.0839	0.00114	11.3	0.00632	0.0777	0.000493	0.000548	0.000239	0.249	0.0000359	0.000538	0.00117	0.00326	0.0000347
2058 Jan	154	0.0751	0.145	0.00422	23.7	0.0674	49.3	0.00232	0.00162	0.00000861	0.0125	0.00336	0.0689	0.0342	0.00000901	36.5	0.0000407	0.00167	0.000452	0.00197	0.0979	0.0000199	4.07	7.61	0.0839	0.00114	11.3	0.00632	0.0777	0.000493	0.000548	0.000239	0.249	0.0000359	0.000538	0.00117	0.00326	0.0000347
2058 Feb	154	0.0752	0.145	0.00422	23.7	0.0674	49.3	0.00232	0.00162	0.00000861	0.0125	0.00336	0.0689	0.0342	0.00000901	36.6	0.0000407	0.00167	0.000452	0.00197	0.0979	0.0000199	4.07	7.61	0.0839	0.00114	11.3	0.00632	0.0777	0.000493	0.000548	0.000239	0.249	0.0000359	0.000538	0.00117	0.00326	0.0000347
2058 Mar	154	0.0752	0.145	0.00422	23.7	0.0674	49.3	0.00233	0.00162	0.00000861	0.0125	0.00336	0.069	0.0342	0.00000901	36.6	0.0000407	0.00167	0.000452	0.00197	0.098	0.0000199	4.07	7.62	0.084	0.00114	11.3	0.00632	0.0777	0.000493	0.000548	0.000239	0.249	0.0000359	0.000538	0.00117	0.00326	0.0000348
2058 Apr	155	0.0753	0.145	0.00423	23.7	0.0675	49.4	0.00233	0.00162	0.00000862	0.0125	0.00337	0.0691	0.0342	0.00000902	36.6	0.0000408	0.00168	0.000452	0.00198	0.0981	0.0000199	4.08	7.63	0.0841	0.00114	11.3	0.00633	0.0778	0.000494	0.000549	0.00024	0.249	0.0000036	0.000539	0.00118	0.00326	0.000035
2058 May	157	0.0771	0.146	0.00419	24.3	0.0679	50.2	0.0023	0.00162	0.00000859	0.0125	0.0034	0.0703	0.0354	0.0000009	37.6	0.0000041	0.00172	0.000476	0.00202	0.101	0.0000199	4.16	7.86	0.0883	0.00116	11.5	0.00649	0.0779	0.000529	0.000555	0.000244	0.257	0.0000359	0.000552	0.00121	0.00325	0.0000337
2058 Jun	150	0.077	0.123	0.0036	24.5	0.0612	43.3	0.0021	0.00158	0.00000835	0.012	0.0032	0.0614	0.0385	0.00000869	38.4	0.0000398	0.00155	0.000535	0.00196	0.109	0.000019	3.93	7.59	0.0972	0.001	11	0.00589	0.0781	0.000644	0.000525	0.000231	0.254	0.0000346	0.000484	0.00131	0.00318	0.0000258
2058 Jul	153	0.0767	0.123	0.00373	24.6	0.0626	44.4	0.0022	0.00163	0.0000086	0.0124	0.00329	0.0625	0.0388	0.00000895	38.9	0.0000408	0.00158	0.000535	0.00199	0.111	0.0000196	4	7.67	0.0974	0.00102	11.1	0.00597	0.0801	0.000641	0.000538	0.000236	0.256	0.0000357	0.000491	0.00132	0.00328	0.0000281
2058 Aug	159	0.0782	0.13	0.00388	25.1	0.0663	48.2	0.00224	0.00164	0.00000871	0.0125	0.00341	0.0679	0.0391	0.00000909	39.8	0.0000415	0.0017	0.00054	0.00207	0.111	0.0000201	4.2	8.09	0.099	0.00111	11.4	0.00643	0.0805	0.000636	0.000559	0.000247	0.268	0.0000362	0.000536	0.00133	0.00331	0.0000296
2058 Sep	161	0.0792	0.133	0.00391	25	0.0677	49.9	0.00223	0.00162	0.00000863	0.0124	0.00343	0.0701	0.0386	0.00000903	39.8	0.0000413	0.00175	0.000533	0.00208	0.109	0.00002	4.26	8.21	0.0981	0.00115	11.4	0.00659	0.0795	0.000619	0.00056	0.00025	0.27	0.0000359	0.000555	0.00131	0.00326	0.0000303
2058 Oct	162	0.0803	0.135	0.00398	25	0.0687	51.4	0.00225	0.00161	0.0000086	0.0124	0.00347	0.0718	0.0384	0.00000901	39.9	0.0000413	0.00179	0.00053	0.0021	0.108	0.00002	4.31	8.32	0.0978	0.00118	11.5	0.00672	0.079	0.00061	0.000563	0.000254	0.272	0.0000358	0.000569	0.013	0.00324	0.0000318
2058 Nov	163	0.0807	0.135	0.00402	25	0.0691	52	0.00228	0.00161	0.00000861	0.0125	0.0035	0.0723	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.0021	0.108	0.0000201	4.34	8.36	0.098	0.00119	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.0000359	0.000573	0.0013	0.00324	0.0000328
2058 Dec	163	0.0807	0.135	0.00402	25.1	0.0691	52	0.00228	0.00161	0.00000861	0.0125	0.0035	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211	0.108	0.0000201	4.34	8.36	0.0981	0.00119	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.0000359	0.000574	0.0013	0.00324	0.0000329
2059 Jan	163	0.0808	0.135	0.00403	25.1	0.0691	52	0.00228	0.00161	0.00000861	0.0125	0.00351	0.0724	0.0384	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211	0.108	0.0000201	4.34	8.36	0.0981	0.0012	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.0000359	0.000574	0.0013	0.00324	0.0000331
2059 Feb	163	0.0808	0.135	0.00403	25.1	0.0691	52.1	0.00228	0.00161	0.00000861	0.0125	0.00351	0.0724	0.0385	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211	0.108	0.0000201	4.34	8.36	0.0981	0.0012	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.0000359	0.000574	0.0013	0.00324	0.0000332
2059 Mar	163	0.0808	0.135	0.00403	25.1	0.0691	52.1	0.00228	0.00161	0.00000861	0.0125	0.00351	0.0724	0.0385	0.00000903	40.1	0.0000414	0.0018	0.00053	0.00211	0.108	0.0000201	4.34	8.36	0.0981	0.0012	11.5	0.00676	0.0791	0.000609	0.000565	0.000256	0.274	0.0000359	0.000574	0.0013	0.00324	0.0000332
2059 Apr	164	0.0809	0.136	0.00404	25.1	0.0692	52.2	0.00229	0.00162	0.00000862	0.0125	0.00352	0.0725	0.0385	0.00000904	40.2	0.0000414	0.0018	0.00053	0.00211	0.108	0.0000201	4.35	8.38	0.0983	0.0012	11.5	0.00677	0.0792	0.00061	0.000566	0.000257	0.274	0.0000036	0.000575	0.0013	0.00325	0.0000333
2059 May	165	0.082	0.136	0.00404	25.4	0.0694	52.4	0.0023	0.00163	0.00000867	0.0125	0.00354	0.0727	0.0392	0.00000909	40.7	0.0000417	0.00181	0.000543	0.00213	0.11	0.0000202	4.39	8.46	0.1	0.0012	11.6	0.00681	0.0799	0.000628	0.000569	0.000259	0.277	0.0000362	0.000577	0.00132	0.00326	0.0000331
2059 Jun	161	0.0829	0.124	0.00377	25.8	0.0654	47.9	0.00223	0.00163	0.00000862	0.0124	0.00345	0.0665	0.0412	0

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2062 Jun	147	0.0776	0.0888	0.00323	22.4	0.0642	45.1	0.00208	0.00154	0.00000814	0.0118	0.0032	0.0635	0.0372	0.00000849	37.9	0.0000381	0.00159	0.000509	0.00197	0.104	0.0000187	3.95	7.62	0.0923	0.00108	9.64	0.006	0.0764	0.000588	0.000502	0.00023	0.253	0.00000338	0.000503	0.00122	0.003	0.0000271
2062 Jul	138	0.0701	0.0799	0.00314	20.8	0.0613	41.2	0.00209	0.00156	0.00000821	0.0119	0.00305	0.0588	0.0349	0.00000853	35.5	0.0000381	0.00145	0.000466	0.00186	0.0997	0.0000186	3.69	6.99	0.0842	0.000991	9.01	0.00553	0.0764	0.000533	0.000491	0.000215	0.233	0.00000034	0.000459	0.00117	0.00307	0.0000262
2062 Aug	141	0.0698	0.0823	0.00318	20.7	0.0639	44	0.00209	0.00154	0.00000816	0.0118	0.0031	0.0627	0.0345	0.00000851	35.7	0.0000378	0.00154	0.00046	0.0019	0.0975	0.0000187	3.81	7.23	0.0836	0.00105	9.02	0.00584	0.0752	0.000514	0.000498	0.000221	0.239	0.00000339	0.000492	0.00114	0.00303	0.0000272
2062 Sep	141	0.0704	0.0825	0.00316	20.4	0.0649	45.3	0.00205	0.0015	0.00000798	0.0116	0.00309	0.0645	0.0336	0.00000834	35.2	0.000037	0.00158	0.000446	0.00189	0.0942	0.0000185	3.82	7.29	0.0814	0.00109	8.88	0.00597	0.0733	0.000488	0.000492	0.000222	0.239	0.00000332	0.000508	0.0011	0.00293	0.0000273
2062 Oct	131	0.0727	0.0753	0.00292	19.1	0.0627	42.5	0.00191	0.0014	0.00000744	0.011	0.00287	0.0607	0.031	0.00000778	32.7	0.0000342	0.00147	0.000403	0.00179	0.0862	0.0000173	3.56	6.78	0.0729	0.00106	8.24	0.00557	0.0691	0.000424	0.000444	0.000204	0.222	0.00000309	0.000479	0.000982	0.00266	0.0000251
2062 Nov	131	0.0732	0.0752	0.00293	19.1	0.0629	42.7	0.00191	0.0014	0.00000743	0.011	0.00288	0.0608	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000402	0.00178	0.0859	0.0000172	3.56	6.78	0.0726	0.00106	8.23	0.00557	0.069	0.00042	0.000442	0.000205	0.222	0.00000309	0.00048	0.000977	0.00265	0.0000256
2062 Dec	131	0.0733	0.0753	0.00295	19.1	0.063	42.9	0.00192	0.0014	0.00000743	0.011	0.00289	0.061	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000402	0.00179	0.0859	0.0000172	3.57	6.79	0.0727	0.00107	8.24	0.00559	0.069	0.00042	0.000443	0.000205	0.222	0.00000309	0.000481	0.000977	0.00265	0.0000259
2063 Jan	132	0.0733	0.0754	0.00295	19.1	0.063	43	0.00192	0.0014	0.00000743	0.011	0.00289	0.061	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000402	0.00179	0.0859	0.0000172	3.58	6.8	0.0727	0.00107	8.24	0.00559	0.069	0.00042	0.000443	0.000206	0.223	0.00000309	0.000482	0.000978	0.00265	0.000026
2063 Feb	132	0.0733	0.0754	0.00295	19.1	0.063	43	0.00193	0.0014	0.00000743	0.011	0.00289	0.061	0.0309	0.00000777	32.7	0.0000341	0.00148	0.000402	0.00179	0.0859	0.0000172	3.58	6.8	0.0727	0.00107	8.24	0.00559	0.069	0.00042	0.000443	0.000206	0.223	0.00000309	0.000482	0.000978	0.00265	0.0000262
2063 Mar	132	0.0734	0.0754	0.00296	19.1	0.063	43.1	0.00193	0.0014	0.00000743	0.011	0.0029	0.0611	0.0309	0.00000777	32.8	0.0000341	0.00148	0.000402	0.00179	0.0859	0.0000172	3.58	6.8	0.0728	0.00107	8.25	0.00559	0.069	0.00042	0.000443	0.000206	0.223	0.00000309	0.000482	0.000978	0.00265	0.0000263
2063 Apr	132	0.0735	0.0755	0.00297	19.1	0.0631	43.1	0.00193	0.0014	0.00000744	0.011	0.0029	0.0611	0.031	0.00000778	32.8	0.0000342	0.00148	0.000403	0.00179	0.086	0.0000173	3.59	6.81	0.0729	0.00107	8.26	0.0056	0.0691	0.000421	0.000444	0.000206	0.223	0.00000311	0.000483	0.000979	0.00266	0.0000265
2063 May	133	0.0744	0.075	0.00296	19.4	0.0627	42.8	0.00194	0.00141	0.00000747	0.011	0.00292	0.0605	0.0317	0.00000781	33.3	0.0000342	0.00148	0.000416	0.0018	0.0881	0.0000173	3.6	6.85	0.0751	0.00106	8.35	0.00557	0.0697	0.000443	0.000444	0.000207	0.225	0.00000311	0.000478	0.001	0.00267	0.0000263
2063 Jun	119	0.0666	0.059	0.00255	18.7	0.0528	32.8	0.0018	0.0014	0.00000732	0.0107	0.00262	0.0474	0.0322	0.00000757	31.8	0.0000333	0.00119	0.000429	0.00164	0.0918	0.0000163	3.15	5.97	0.0758	0.000824	7.8	0.00455	0.0696	0.0005	0.000412	0.000182	0.203	0.00000302	0.000369	0.00105	0.0027	0.00002
2063 Jul	121	0.0646	0.0587	0.00269	18.5	0.054	34	0.00191	0.00145	0.00000758	0.011	0.0027	0.0488	0.032	0.00000782	32	0.0000345	0.00121	0.000422	0.00166	0.092	0.0000169	3.21	6.01	0.0749	0.000842	7.79	0.00463	0.0714	0.000486	0.000428	0.000186	0.204	0.00000313	0.000377	0.00106	0.00282	0.0000229
2063 Aug	129	0.0661	0.0646	0.00285	19	0.0589	39.4	0.00198	0.00147	0.00000774	0.0113	0.00288	0.0561	0.0326	0.00000804	33.4	0.0000357	0.00138	0.000431	0.00176	0.0926	0.0000176	3.49	6.6	0.0777	0.000958	8.07	0.00525	0.072	0.000484	0.000458	0.000203	0.22	0.00000321	0.000439	0.00108	0.00286	0.0000251
2063 Sep	132	0.067	0.0662	0.00288	18.9	0.0611	41.7	0.00197	0.00145	0.00000767	0.0112	0.00292	0.0594	0.0321	0.000008	33.4	0.0000354	0.00145	0.000424	0.00179	0.0905	0.0000176	3.58	6.79	0.0768	0.00102	8.06	0.0055	0.0709	0.000465	0.000461	0.000207	0.224	0.00000319	0.000466	0.00105	0.00281	0.0000259
2063 Oct	132	0.0688	0.0663	0.0029	18.8	0.0619	42.5	0.00197	0.00144	0.00000762	0.0112	0.00293	0.0603	0.0318	0.00000795	33.4	0.0000352	0.00147	0.000418	0.00179	0.0892	0.0000176	3.6	6.83	0.0758	0.00104	8.03	0.00556	0.0705	0.000451	0.000458	0.000208	0.225	0.00000317	0.000474	0.00103	0.00277	0.0000266
2063 Nov	132	0.0692	0.0664	0.0029	18.8	0.0622	42.6	0.00197	0.00143	0.00000761	0.0112	0.00293	0.0605	0.0317	0.00000794	33.3	0.0000351	0.00147	0.000417	0.0018	0.0889	0.0000175	3.6	6.83	0.0756	0.00105	8.02	0.00557	0.0704	0.000448	0.000457	0.000208	0.225	0.00000316	0.000476	0.00103	0.00276	0.0000267
2063 Dec	132	0.0693	0.0664	0.0029	18.8	0.0622	42.7	0.00197	0.00143	0.00000761	0.0112	0.00293	0.0606	0.0317	0.00000795	33.4	0.0000351	0.00148	0.000417	0.0018	0.0889	0.0000176	3.61	6.84	0.0756	0.00105	8.03	0.00558	0.0704	0.000448	0.000458	0.000209	0.225	0.00000316	0.000477	0.00103	0.00276	0.0000267
2064 Jan	132	0.0693	0.0665	0.0029	18.8	0.0623	42.8	0.00197	0.00143	0.00000761	0.0112	0.00294	0.0607	0.0318	0.00000795	33.4	0.0000351	0.00148	0.000417	0.0018	0.0889	0.0000176	3.61	6.85	0.0756	0.00105	8.03	0.00559	0.0704	0.000448	0.000458	0.000209	0.225	0.00000316	0.000477	0.00103	0.00276	0.0000267
2064 Feb	132	0.0694	0.0665	0.00291	18.8	0.0623	42.8	0.00198	0.00143	0.00000761	0.0112	0.00294	0.0607	0.0318	0.00000795	33.4	0.0000351	0.00148	0.000417	0.0018	0.0889	0.0000176	3.61	6.86	0.0757	0.00105	8.03	0.00559	0.0704	0.000448	0.000458	0.000209	0.225	0.00000316	0.000478	0.00103	0.00276	0.0000268
2064 Mar	133	0.0694	0.0666	0.00291	18.8	0.0623	42.9	0.00198	0.00143	0.00000761	0.0112	0.00294	0.0608	0.0318	0.00000795	33.4	0.0000352	0.00148	0.000417	0.0018	0.089	0.0000176	3.62	6.86	0.0757	0.00105	8.04	0.0056	0.0705	0.000448	0.000458	0.000209	0.226	0.00000317	0.000478	0.00103	0.00277	0.0000269
2064 Apr	133	0.0695	0.0667	0.00292	18.9	0.0624	43	0.00198	0.00144	0.00000762	0.0112	0.00295	0.0609	0.0318	0.00000796	33.5	0.0000352	0.00148	0.000418	0.0018	0.0891	0.0000176	3.62	6.87	0.0759	0.00105	8.05	0.0056	0.0706	0.000449	0.000459	0.00021	0.226	0.00000317	0.000479	0.00103	0.00277	0.0000271
2064 May	135	0.0713	0.0663	0.00287	19.5	0.0618	42.6	0.00196	0.00144	0.00000762	0.0111	0.00297	0.0602	0.0334	0.00000796	34.5	0.0000353	0.00148	0.000446	0.00183	0.0931	0.0000176	3.66	7	0.0807	0.00104	8.24	0.00561	0.0712	0.000495	0.00046	0.000212	0.231	0.00000317	0.000475	0.00108	0.00277	0.000026
2064 Jun	135	0.0752	0.0602	0.00265	21.5	0.0566	37.5	0.00191	0.00147	0.00000772	0.0112	0.00295	0.0528	0.0385	0.000008	37.3	0.0000356	0.00136	0.000537	0.00185	0.107	0.0000174	3.6	7.03	0.0954	0.000915	8.74	0.00517	0.0746	0.000657	0.000453	0.000211	0.239	0.00000319	0.000418	0.00124	0.00284	0.0000217
2064 Jul	139	0.0752	0.0617	0.00276	21.6	0.0583	39.6	0.00197	0.00149	0.00000784	0.0113	0.00304	0.0552	0.0386	0.00000814	37.9	0.0000362	0.00142	0.000539	0.00188	0.108	0.0000177	3.71	7.22	0.0962	0.000955	8.83	0.00537	0.0753	0.000654	0.000465	0.000218	0.244	0.00000324	0.000437	0.00125	0.00288	0.0000239
2064 Aug	143	0.0747	0.0644	0.00283	21.5	0.0614	43	0.00199	0.00148	0.00000784	0.0113	0.00313	0.06	0.0383	0.00000817	38.2	0.0000363	0.00152	0.000534	0.00194	0.106	0.000018	3.86	7.53	0.0961	0.00103	8.87	0.00575	0.0746	0.000637	0.000479	0.000226	0.252	0.00000325	0.000477	0.00123	0.00286	0.0000252
2064 Sep	142	0.0744	0.0641	0.0028	21	0.0627	44.1	0.00195	0.00144	0.00000766	0.011	0.00309	0.0618	0.0369	0.000008	37.4	0.0000352	0.00156	0.000511	0.00192	0.101	0.0000177	3.85	7.52	0.0923	0.00107	8.65	0.00586	0.0722	0.000595	0.000469	0.000225	0.25	0.00000318	0.000492	0.00117	0.00276	0.0000253
2064 Oct	144	0.0758	0.0654	0.00287	21	0.0642	46	0.00198	0.00144	0.00000766	0.0111	0.00315	0.064	0.0368	0.00000802	37.7	0.0000354	0.00161	0.000509	0.00195	0.101	0.0000179	3.93	7.68	0.0922	0.00111	8.68	0.00603	0.0722	0.000585	0.000475	0.00023	0.254	0.00000319	0.000511	0.00116	0.00275	0.0000269
2064 Nov	145	0.0761	0.0659	0.0029	21	0.0647	46.6	0.00199	0.00144	0.00000768	0.0111	0.00318	0.0648	0.0369	0.00000804	37.8	0.0000356	0.00162	0.00051	0.00196	0.101	0.0000179	3.97	7.74	0.0926	0.00112	8.71	0.00609	0.0722	0.000586	0.000478	0.000232	0.255	0.0000032	0.000517	0.00117	0.00276	0.0000275
2064 Dec	145	0.0761	0.066	0.0029	21	0.0648	46.7	0.00199	0.00144	0.00000768	0.0111	0.00318	0.0649	0.0369	0.00000805	37.9	0.0000356	0.00163	0.00051	0.00196	0.101	0.0000179	3.97	7.74	0.0926	0.00112	8.72	0.0061	0.0722	0.000586	0.000479	0.000232	0.255	0.0000032	0.000518	0.00117	0.00276	0.0000275
2065 Jan	145	0.0761	0.066	0.0029	21	0.0648	46.7	0.002	0.00144	0.00000768	0.0111	0.00318	0.0649	0.0369	0.00000805	37.9	0.0000356	0.00163	0.00051	0.00196	0.101	0.0000179	3.97	7.75	0.0926	0.00113	8.72	0.0061	0.0722	0.000586	0.000479	0.000233	0.256	0.0000032	0.000518	0.00117	0.00276	0.0000276
2065 Feb	145	0.0762	0.066	0.0029	21	0.0648	46.8	0.002	0.00144	0.00000768	0.0111	0.00318	0.065	0.0369	0.00000805	37.9	0.0000356	0.00163	0.00051	0.00196	0.101	0.0000179	3.97	7.75	0.0927	0.00113	8.72	0.00611	0.0722	0.000586	0.000479	0.000233	0.256	0.0000032	0.000519	0.00117	0.00276	0.0000277
2065 Mar	145	0.0762	0.0661	0.00291	21.1	0.0649	46.9	0.002	0.00144	0.00000769	0.0111	0.00319	0.065	0.0369	0.00000806	37.9	0.0000356	0.00163	0.00051	0.00196	0.101	0.000018	3.98	7.76	0.0928	0.00113	8.73	0.00611	0.0723	0.000586	0.000479	0.000233	0.256	0.0000032	0.000519	0.00117	0.00276	0.0000278
2065 Apr	146	0.0764	0.0663	0.00292	21.1	0.065	47	0.00201	0.00144	0.0000077	0.0111	0.0032	0.0652	0.037	0.00000807	38	0.0000357	0.00163	0.00051 2	0.00197	0.101	0.000018	3.99	7.78	0.093	0.00113	8.75	0.00612	0.0725	0.000588	0.000481	0.000234	0.257	0.0000321	0.00052	0.00117	0.00276	0.000028
2065 May	149	0.0777	0.0673	0.00294	21.5	0.0658	48	0.00202	0.00145	0.00000776	0.0112	0.00325	0.0666	0.0379	0.00000814	38.8	0.0000362	0.00167	0.000527	0.002	0.103	0.0000182	4.07	7.97	0.0958	0.00115	8.9	0.00627	0.0731	0.000608	0.00049	0.000239	0.263	0.0000324	0.000533	0.0012	0.00279	0.000028
2065 Jun	140	0.0733	0.0598	0.00275	21	0.0604	41.8	0.00196	0.00147	0.00000778	0.0112	0.00306	0.0586	0.0377	0.00000801	37.5	0.0000361	0.00149	0.000523	0.0019	0.105	0.0000178	3.78	7.36	0.094	0.00103	8.6	0.00562	0.074	0.000622	0.000472	0.000221	0.247	0.0000323	0.000465	0.00122	0.00285	0.0000243
2065 Jul	143	0.0729	0.0606	0.00287	21.2	0.0622	43.3	0.00205	0.00152	0.00000803	0.0116	0.00316	0.0606	0.038	0.00000837	38.1	0.0000372	0.00153	0.000525	0.00194	0.106	0.0000184	3.88	7.51	0.0946	0.00104	8.7	0.00578	0.0759	0.00062	0.000489	0.000227	0.251	0.0000333	0.00048	0.00124	0.00295	0.0000263
2065 Aug	150	0.0743	0.0643	0.003	21.6	0.066	47.5	0.00212	0.00154	0.0000082	0.0118	0.00331	0.0662	0.0387	0.00000858	39.4	0.0000384	0.00166	0.000535	0.00203	0.107	0.000019	4.11	7.97	0.0973	0.00112	8.94	0.00626	0.0769	0.000624	0.000514	0.000241	0.264	0.00000341	0.000526	0.00126	0.00301	0.0000285
2065 Sep	149	0.0747	0.0639	0.00294	21	0.0667	48.4	0.00206	0.0015	0.00000799	0.0116	0.00327	0.0677	0.0374	0.00000837	38.5	0.0000375	0.00169	0.000515	0.00201	0.103	0.0000187	4.09	7.96	0.0939	0.00115	8.71	0.00635	0.0747	0.000588	0.000505	0.000239	0.262	0.0000332	0.00054	0.0012	0.0029	0.000028
2065 Oct	142	0.0765	0.0605	0.0028	19.9	0.066	47.4	0.00195	0.00141	0.00000756	0.0111	0.00311	0.0664	0.0349	0.00000793	36.4	0.0000354	0.00165	0.000474	0.00194	0.0952	0.0000178	3.92	7.64	0.0861	0.00116	8.22	0.00617	0.071	0.000522	0.000473	0.000227	0.25	0.00000315	0.000532	0.0011	0.00269	0.0000268
2065 Nov	142	0.0771	0.0605	0.00282	19.8	0.0663	47.7	0.00196	0.0014	0.00000752	0.0111	0.00312	0.0667	0.0346	0.0000079	36.3	0.0000353	0.00165	0.00047	0.00194	0.0944	0.0000177	3.93	7.64	0.0855	0.00117	8.19	0.00619	0.0707	0.000515	0.000471	0.000228	0.25	0.00000314	0.000534	0.00109	0.00267	0.0000274
2065 Dec	142	0.0771	0.0605	0.00282	19.8	0.0663	47.8	0.00196	0.0014	0.00000752	0.0111	0.00312	0.0668	0.0346	0.0000079	36.3	0.0000353	0.00165	0.00047	0.00194	0.0944	0.0000177	3.93	7.65	0.0855	0.00117	8.19	0.00619	0.0707	0.000514	0.000471	0.000228	0.25	0.00000314	0.000535	0.00109	0.00267	0.0000277
2066 Jan	142	0.0771	0.0605	0.00283	19.8	0.0664	47.9	0.00196	0.0014	0.00000752	0.0111	0.00313	0.0669	0.0346	0.0000079	36.4	0.0000353	0.00165	0.00047	0.00194	0.0944	0.0000177	3.94	7.66	0.0856	0.00117	8.19	0.0062	0.0707	0.000514	0.000471	0.000228	0.25	0.00000314	0.000536	0.00109	0.00267	0.0000278
2066 Feb	143	0.0772	0.0606	0.00283	19.8	0.0664	48	0.00197	0.0014	0.00000753	0.0111	0.00313	0.0669	0.0346	0.0000791	36.4	0.0000353	0.00165	0.00047 1	0.00194	0.0944	0.0000177	3.94	7.66	0.0856	0.00117	8.2	0.0062	0.0707	0.000515	0.000472	0.000228	0.25	0.00000314	0.000536	0.00109	0.00267	0.0000279
2066 Mar	143	0.0773	0.0606	0.00284	19.8	0.0665	48.1	0.00197	0.0014	0.00000753	0.0111	0.00314	0.067	0.0347	0.00000792	36.5	0.0000353	0.00166	0.000471	0.00194	0.0945	0.0000178	3.95	7.67	0.0858	0.00117	8.21	0.0062	0.0708	0.000515	0.000472	0.000229	0.25	0.00000314	0.000536	0.00109	0.00267	0.0000281
2066 Apr	143	0.0774	0.0607	0.00285	19.9	0.0666	48.2	0.00198	0.00141	0.00000755	0.0111	0.00315	0.0671	0.0347	0.00000793	36.5	0.0000354	0.00166	0.000472	0.00195	0.0947	0.0000178	3.95	7.68	0.0859	0.00118	8.22	0.00621	0.0709	0.000516	0.000473	0.000229	0.251	0.00000315	0.000537	0.00109	0.00268	0.0000283
2066 May	144	0.078	0.0611	0.00288	20	0.067	48.6	0.002	0.00142	0.0000076	0.0112	0.00318	0.0675	0.0351	0.00000799	36.9	0.0000356	0.00167	0.000477	0.00196	0.0955	0.0000179	3.98	7.74	0.0868	0.00118	8.29	0.00625	0.0714	0.000522	0.000476	0.000231	0.253	0.00000317	0.000541	0.0011	0.0027	0.0000288
2066 Jun	127	0.0668	0.0503	0.00262	18.3	0.0584	38.9	0.00192	0.00144	0.00000758	0.0111	0.00283	0.0555	0.0325	0.00000788	33.2	0.0000352	0.00137	0.000432	0.00175	0.092	0.0000172	3.46	6.57	0.0775	0.000957	7.53	0.0052	0.0712	0.000485	0.000447	0.0002	0.219	0.00000314	0.000435	0.00107	0.00279	0.0000239
2066 Jul	130	0.0658	0.051	0.00274	18.3	0.0605	40.5	0.00201	0.00149	0.00000787	0.0116	0.00293	0.0578	0.0327	0.00000819	33.7	0.0000365	0.00142	0.000431	0.0018	0.0931	0.0000179	3.56	6.72	0.0776	0.00099	7.62	0.00539	0.0733	0.000478	0.000467	0.000206	0.223	0.00000326	0.000452	0.00108	0.00291	0.0000257
2066 Aug	135	0.0666	0.0533	0.00285	18.6	0.0636	43.6	0.00207	0.00151	0.000008	0.0117	0.00305	0.0619	0.0331	0.00000834	34.6	0.0000371	0.00151	0.000436	0.00186	0.0937	0.0000184	3.73	7.05	0.0791	0.00106	7.76	0.00573	0.074	0.000476	0.000483	0.000216	0.232	0.00000332	0.000486	0.00109	0.00294	0.0000277
2066 Sep	136	0.0675	0.0536	0.00287	18.5	0.0647	44.9	0.00207	0.00149	0.00000793	0.0116	0.00307	0.0635	0.0328	0.00000829	34.6	0.0000368	0.00155	0.00043	0.00187	0.0921	0.0000183	3.77	7.13	0.0783	0.00109	7.72	0.00584	0.0732	0.000461	0.000482	0.000218	0.234	0.0000033	0.0005	0.00107	0.0029	0.0000286
2066 Oct	137	0.0687	0.0537	0.00289	18.2	0.0656	46.2	0.00207	0.00147	0.00000781	0.0115	0.00308	0.0651	0.0322	0.00000818	34.4	0.0000364	0.00158	0.000421	0.00187	0.0899	0.0000182	3.8	7.2	0.077	0.00112	7.64	0.00595	0.072	0.000444	0.000479	0.00022	0.235	0.00000326	0.000513	0.00104	0.00284	0.0000297
2066 Nov	138	0.0693	0.0539	0.00293	18.2	0.066	46.9	0.00208	0.00146	0.00000779	0.0115	0.00311	0.0657	0.0321	0.00000817	34.5	0.0000364	0.00159	0.00042	0.00188	0.0895	0.0000182	3.82	7.24	0.0769	0.00114	7.64	0.00599	0.0718	0.00044	0.00048	0.000222	0.236	0.00000326	0.000518	0.00104	0.00282	0.0000308
2066 Dec	138	0.0694	0.054	0.00293	18.2	0.066	47	0.00208	0.00146	0.0000078	0.0115

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2069 Dec	129	0.0692	0.0398	0.00274	17.2	0.0624	43.1	0.00205	0.00142	0.00000753	0.0111	0.00298	0.0595	0.0312	0.00000788	33.2	0.0000345	0.00144	0.000405	0.00179	0.0876	0.0000173	3.58	6.73	0.0732	0.00106	7.04	0.00544	0.0705	0.000427	0.000441	0.000208	0.221	0.0000315	0.000468	0.000988	0.00269	0.000031
2070 Jan	129	0.0692	0.0398	0.00274	17.2	0.0624	43.1	0.00205	0.00142	0.00000753	0.0111	0.00299	0.0595	0.0312	0.00000788	33.2	0.0000345	0.00144	0.000405	0.00179	0.0876	0.0000173	3.59	6.73	0.0732	0.00106	7.04	0.00544	0.0705	0.000427	0.000441	0.000208	0.221	0.0000315	0.000468	0.000988	0.00269	0.0000311
2070 Feb	129	0.0692	0.0398	0.00275	17.3	0.0624	43.2	0.00205	0.00142	0.00000753	0.0111	0.00299	0.0595	0.0312	0.00000788	33.2	0.0000345	0.00144	0.000406	0.00179	0.0876	0.0000173	3.59	6.73	0.0733	0.00107	7.04	0.00544	0.0705	0.000427	0.000441	0.000208	0.221	0.0000315	0.000468	0.000988	0.00269	0.0000312
2070 Mar	130	0.0693	0.0399	0.00275	17.3	0.0624	43.2	0.00206	0.00142	0.00000754	0.0111	0.00299	0.0595	0.0313	0.00000788	33.3	0.0000345	0.00144	0.000406	0.00179	0.0876	0.0000173	3.59	6.73	0.0734	0.00107	7.05	0.00544	0.0705	0.000427	0.000441	0.000208	0.221	0.0000315	0.000468	0.000989	0.00269	0.0000314
2070 Apr	130	0.0695	0.04	0.00276	17.3	0.0625	43.3	0.00206	0.00143	0.00000755	0.0112	0.003	0.0597	0.0313	0.0000079	33.4	0.0000345	0.00144	0.000407	0.00179	0.0879	0.0000174	3.6	6.75	0.0736	0.00107	7.07	0.00545	0.0707	0.000429	0.000442	0.000209	0.222	0.0000316	0.000469	0.000991	0.00269	0.0000316
2070 May	131	0.0709	0.0402	0.00276	17.8	0.0622	43	0.00207	0.00144	0.00000761	0.0112	0.00303	0.059	0.0324	0.00000795	34.1	0.0000347	0.00144	0.000425	0.00181	0.0907	0.0000174	3.62	6.81	0.0765	0.00106	7.23	0.00543	0.0716	0.000457	0.000443	0.000211	0.225	0.0000318	0.000465	0.00102	0.00272	0.0000313
2070 Jun	130	0.0733	0.0386	0.00261	19.3	0.0573	38.2	0.00201	0.00145	0.00000761	0.0111	0.00297	0.0522	0.0358	0.0000079	35.7	0.0000345	0.00131	0.000487	0.00179	0.1	0.0000171	3.52	6.71	0.0864	0.000944	7.65	0.00499	0.0734	0.000572	0.000431	0.000206	0.227	0.0000316	0.000411	0.00114	0.00274	0.0000277
2070 Jul	133	0.0732	0.0393	0.00272	19.4	0.0588	40	0.00208	0.00147	0.00000773	0.0112	0.00306	0.0541	0.0361	0.00000804	36.3	0.0000351	0.00136	0.00049	0.00183	0.101	0.0000174	3.61	6.87	0.0874	0.000977	7.73	0.00514	0.0742	0.000573	0.000442	0.000213	0.232	0.0000322	0.000426	0.00115	0.00279	0.0000301
2070 Aug	138	0.0732	0.0406	0.0028	19.5	0.0617	43.1	0.00212	0.00148	0.00000781	0.0113	0.00316	0.0584	0.0362	0.00000815	37	0.0000355	0.00146	0.000492	0.00188	0.101	0.0000178	3.77	7.18	0.0883	0.00104	7.79	0.00549	0.0743	0.000567	0.000457	0.000222	0.24	0.0000326	0.000461	0.00114	0.0028	0.0000318
2070 Sep	136	0.0741	0.0398	0.00275	19	0.0622	43.6	0.00208	0.00144	0.00000764	0.0111	0.00312	0.0591	0.0351	0.00000799	36.2	0.0000347	0.00147	0.000475	0.00187	0.0976	0.0000175	3.74	7.14	0.0853	0.00107	7.61	0.00552	0.0727	0.000536	0.000447	0.000219	0.237	0.0000319	0.000468	0.0011	0.00271	0.0000314
2070 Oct	133	0.0752	0.0385	0.00272	18.6	0.0617	42.9	0.00205	0.00141	0.00000747	0.011	0.00307	0.058	0.0341	0.00000781	35.4	0.0000338	0.00143	0.000457	0.00183	0.0945	0.0000171	3.66	6.96	0.082	0.00106	7.42	0.00539	0.0713	0.000509	0.000431	0.000214	0.231	0.0000312	0.000459	0.00105	0.00262	0.0000318
2070 Nov	133	0.0756	0.0384	0.00274	18.6	0.0618	43.1	0.00206	0.00141	0.00000745	0.0109	0.00307	0.0581	0.034	0.0000078	35.3	0.0000337	0.00143	0.000455	0.00183	0.0941	0.0000171	3.66	6.96	0.0816	0.00107	7.41	0.00539	0.0712	0.000505	0.00043	0.000215	0.231	0.0000312	0.00046	0.00105	0.00261	0.0000323
2070 Dec	133	0.0756	0.0384	0.00274	18.6	0.0618	43.2	0.00206	0.00141	0.00000745	0.0109	0.00307	0.0582	0.034	0.0000078	35.4	0.0000337	0.00143	0.000455	0.00183	0.094	0.0000171	3.67	6.96	0.0816	0.00107	7.41	0.0054	0.0712	0.000504	0.00043	0.000215	0.231	0.0000312	0.000461	0.00105	0.00261	0.0000323
2071 Jan	133	0.0756	0.0384	0.00274	18.6	0.0618	43.2	0.00206	0.00141	0.00000745	0.0109	0.00308	0.0582	0.034	0.0000078	35.4	0.0000337	0.00143	0.000455	0.00183	0.094	0.0000171	3.67	6.96	0.0816	0.00107	7.41	0.0054	0.0712	0.000504	0.00043	0.000215	0.231	0.0000312	0.000461	0.00105	0.00261	0.0000324
2071 Feb	133	0.0757	0.0385	0.00275	18.6	0.0618	43.3	0.00207	0.00141	0.00000745	0.0109	0.00308	0.0582	0.034	0.0000078	35.4	0.0000337	0.00143	0.000455	0.00183	0.0941	0.0000171	3.67	6.96	0.0816	0.00107	7.41	0.0054	0.0712	0.000504	0.00043	0.000215	0.231	0.0000312	0.000461	0.00105	0.00261	0.0000326
2071 Mar	134	0.0757	0.0385	0.00275	18.6	0.0618	43.3	0.00207	0.00141	0.00000745	0.0109	0.00308	0.0582	0.034	0.0000078	35.4	0.0000337	0.00143	0.000455	0.00183	0.0941	0.0000171	3.67	6.97	0.0817	0.00107	7.41	0.0054	0.0712	0.000504	0.00043	0.000215	0.231	0.0000312	0.000461	0.00105	0.00261	0.0000327
2071 Apr	134	0.0758	0.0385	0.00276	18.6	0.0619	43.4	0.00207	0.00141	0.00000746	0.011	0.00309	0.0582	0.034	0.0000078	35.4	0.0000337	0.00144	0.000456	0.00183	0.0942	0.0000171	3.68	6.97	0.0818	0.00107	7.42	0.0054	0.0712	0.000505	0.00043	0.000216	0.231	0.0000312	0.000461	0.00105	0.00261	0.0000329
2071 May	134	0.0765	0.0385	0.00275	18.9	0.0614	43	0.00207	0.00141	0.00000747	0.0109	0.0031	0.0575	0.0347	0.00000781	35.9	0.0000338	0.00143	0.000467	0.00183	0.0959	0.0000171	3.68	7	0.0837	0.00106	7.52	0.00536	0.0716	0.000525	0.00043	0.000216	0.233	0.0000312	0.000456	0.00107	0.00262	0.0000326
2071 Jun	127	0.0733	0.0357	0.00255	19	0.0557	37.3	0.00197	0.0014	0.00000736	0.0107	0.00292	0.0503	0.0353	0.00000765	35.2	0.0000332	0.00127	0.000482	0.00175	0.0988	0.0000165	3.44	6.55	0.0855	0.000922	7.47	0.00482	0.0714	0.00057	0.000413	0.000202	0.222	0.0000306	0.000396	0.00111	0.00263	0.000028
2071 Jul	128	0.0717	0.0356	0.00264	18.8	0.0563	38.1	0.00204	0.00143	0.00000749	0.0109	0.00297	0.0511	0.0351	0.00000779	35.3	0.0000337	0.00128	0.000477	0.00176	0.0986	0.0000168	3.47	6.58	0.0848	0.000934	7.45	0.00487	0.0722	0.00056	0.000421	0.000205	0.223	0.0000312	0.000401	0.00111	0.00269	0.0000301
2071 Aug	134	0.0723	0.037	0.00276	19	0.0592	41.3	0.00211	0.00145	0.00000762	0.0111	0.0031	0.0552	0.0355	0.00000795	36.2	0.0000345	0.00138	0.000483	0.00182	0.0994	0.0000172	3.65	6.91	0.0866	0.001	7.57	0.00521	0.0729	0.000561	0.000439	0.000216	0.232	0.0000318	0.000435	0.00112	0.00273	0.0000326
2071 Sep	133	0.0723	0.0367	0.00274	18.6	0.0601	42.5	0.00208	0.00142	0.00000749	0.0109	0.00309	0.0569	0.0347	0.00000783	35.8	0.000034	0.00141	0.000471	0.00182	0.0965	0.0000171	3.66	6.96	0.0847	0.00103	7.43	0.00532	0.0714	0.000537	0.000436	0.000216	0.232	0.0000313	0.000449	0.00109	0.00266	0.0000329
2071 Oct	133	0.0726	0.0364	0.00277	18.4	0.06	42.9	0.00209	0.0014	0.0000074	0.0108	0.0031	0.0569	0.0342	0.00000775	35.5	0.0000336	0.00141	0.000463	0.00181	0.095	0.0000169	3.65	6.92	0.0834	0.00104	7.35	0.0053	0.0706	0.000524	0.000432	0.000216	0.23	0.0000311	0.00045	0.00107	0.00262	0.0000342
2071 Nov	133	0.0733	0.0363	0.00278	18.4	0.0603	43.1	0.0021	0.0014	0.0000074	0.0108	0.0031	0.0571	0.0341	0.00000775	35.5	0.0000335	0.00141	0.000461	0.00181	0.0946	0.0000169	3.66	6.92	0.083	0.00105	7.34	0.00531	0.0706	0.000519	0.00043	0.000216	0.23	0.0000311	0.000451	0.00106	0.00261	0.0000346
2071 Dec	133	0.0734	0.0363	0.00278	18.4	0.0603	43.1	0.0021	0.0014	0.00000739	0.0108	0.0031	0.0571	0.0341	0.00000774	35.5	0.0000335	0.00141	0.00046	0.00181	0.0945	0.0000169	3.66	6.92	0.0829	0.00105	7.33	0.0053	0.0705	0.000518	0.00043	0.000216	0.23	0.0000311	0.000451	0.00106	0.00261	0.0000346
2072 Jan	133	0.0735	0.0363	0.00278	18.4	0.0603	43.1	0.0021	0.0014	0.00000739	0.0108	0.0031	0.0571	0.0341	0.00000774	35.5	0.0000335	0.00141	0.00046	0.00181	0.0945	0.0000169	3.66	6.92	0.0829	0.00105	7.34	0.0053	0.0705	0.000518	0.00043	0.000216	0.23	0.0000311	0.000451	0.00106	0.00261	0.0000346
2072 Feb	133	0.0735	0.0363	0.00279	18.4	0.0603	43.1	0.0021	0.0014	0.00000739	0.0108	0.0031	0.0571	0.0341	0.00000774	35.5	0.0000335	0.00141	0.00046	0.00181	0.0946	0.0000169	3.66	6.92	0.0829	0.00105	7.34	0.0053	0.0705	0.000518	0.00043	0.000216	0.23	0.0000311	0.000451	0.00106	0.00261	0.0000348
2072 Mar	133	0.0735	0.0363	0.00279	18.4	0.0603	43.2	0.00211	0.0014	0.0000074	0.0108	0.0031	0.0571	0.0341	0.00000774	35.5	0.0000335	0.00141	0.000461	0.00181	0.0946	0.0000169	3.66	6.92	0.083	0.00105	7.34	0.0053	0.0706	0.000518	0.00043	0.000217	0.23	0.0000311	0.000451	0.00106	0.00261	0.0000349
2072 Apr	133	0.0737	0.0363	0.0028	18.4	0.0604	43.3	0.00211	0.0014	0.00000741	0.0108	0.00312	0.0572	0.0342	0.00000776	35.6	0.0000335	0.00141	0.000462	0.00181	0.0948	0.0000169	3.67	6.93	0.0831	0.00105	7.36	0.00531	0.0707	0.000519	0.00043	0.000217	0.231	0.0000311	0.000452	0.00106	0.00261	0.0000352
2072 May	135	0.0743	0.0367	0.00283	18.6	0.061	43.7	0.00214	0.00141	0.00000747	0.0109	0.00315	0.0577	0.0345	0.00000783	36	0.0000338	0.00143	0.000466	0.00183	0.0956	0.0000171	3.7	7	0.0839	0.00106	7.42	0.00536	0.0713	0.000524	0.000434	0.000219	0.233	0.0000314	0.000456	0.00107	0.00264	0.0000357
2072 Jun	124	0.0668	0.0331	0.0027	17.3	0.0569	38.6	0.00208	0.00143	0.00000748	0.011	0.00293	0.052	0.0321	0.00000779	33.2	0.0000338	0.00127	0.000423	0.0017	0.0911	0.0000168	3.39	6.29	0.0757	0.000946	6.94	0.00483	0.0709	0.000473	0.000422	0.0002	0.211	0.0000312	0.000404	0.00103	0.0027	0.0000322
2072 Jul	123	0.0634	0.0323	0.00274	16.7	0.0567	38.4	0.00211	0.00144	0.00000753	0.011	0.00292	0.0518	0.0312	0.00000784	32.5	0.0000339	0.00126	0.000406	0.00168	0.0892	0.0000168	3.36	6.17	0.0729	0.000936	6.78	0.00478	0.0707	0.000449	0.000423	0.000198	0.207	0.0000314	0.0004	0.001	0.00273	0.0000333
2072 Aug	121	0.0615	0.0312	0.00268	16.2	0.058	39	0.00206	0.00139	0.00000732	0.0106	0.00287	0.0529	0.0299	0.00000764	31.6	0.0000319	0.00127	0.000383	0.00165	0.0843	0.0000165	3.33	6.11	0.069	0.000963	6.56	0.00482	0.0678	0.000409	0.000407	0.000196	0.204	0.0000306	0.000409	0.00093	0.0026	0.0000329
2072 Sep	119	0.0613	0.0303	0.00263	15.8	0.0588	39.5	0.00201	0.00136	0.00000714	0.0103	0.00283	0.0538	0.0288	0.00000746	30.9	0.0000306	0.00128	0.000366	0.00163	0.0804	0.0000162	3.3	6.07	0.066	0.000986	6.38	0.00486	0.0657	0.000379	0.000394	0.000194	0.201	0.0000299	0.000416	0.000876	0.00249	0.0000324
2072 Oct	116	0.0632	0.0291	0.00255	15.5	0.0581	38.4	0.00196	0.00132	0.00000696	0.0101	0.00275	0.0522	0.0279	0.00000727	30	0.0000296	0.00124	0.000351	0.0016	0.0777	0.0000158	3.21	5.88	0.0629	0.000975	6.21	0.00471	0.0644	0.000356	0.000376	0.000187	0.195	0.0000291	0.000405	0.000834	0.0024	0.0000315
2072 Nov	116	0.0638	0.029	0.00255	15.5	0.0583	38.4	0.00195	0.00132	0.00000694	0.0101	0.00275	0.0524	0.0279	0.00000726	30	0.0000296	0.00125	0.000349	0.0016	0.0774	0.0000158	3.21	5.88	0.0626	0.00098	6.2	0.0472	0.0644	0.000352	0.000374	0.000187	0.195	0.0000291	0.000406	0.000829	0.00239	0.0000314
2072 Dec	116	0.0639	0.029	0.00255	15.5	0.0583	38.5	0.00195	0.00132	0.00000694	0.0101	0.00275	0.0525	0.0279	0.00000726	30	0.0000296	0.00125	0.000349	0.0016	0.0774	0.0000158	3.21	5.89	0.0626	0.000982	6.2	0.0473	0.0644	0.000352	0.000375	0.000187	0.195	0.0000291	0.000407	0.000829	0.00238	0.0000315
2073 Jan	116	0.0639	0.029	0.00255	15.5	0.0583	38.6	0.00196	0.00132	0.00000694	0.0101	0.00275	0.0525	0.0279	0.00000726	30	0.0000296	0.00125	0.00035	0.0016	0.0774	0.0000158	3.21	5.89	0.0626	0.000983	6.21	0.0473	0.0644	0.000352	0.000375	0.000187	0.195	0.0000291	0.000407	0.000829	0.00238	0.0000316
2073 Feb	116	0.0639	0.029	0.00256	15.5	0.0583	38.6	0.00196	0.00132	0.00000694	0.0101	0.00275	0.0525	0.0279	0.00000726	30	0.0000296	0.00125	0.00035	0.0016	0.0774	0.0000158	3.22	5.9	0.0627	0.000983	6.21	0.0473	0.0644	0.000352	0.000375	0.000187	0.195	0.0000291	0.000407	0.00083	0.00238	0.0000317
2073 Mar	116	0.0639	0.029	0.00256	15.5	0.0583	38.7	0.00196	0.00132	0.00000695	0.0101	0.00276	0.0526	0.0279	0.00000726	30.1	0.0000296	0.00125	0.00035	0.0016	0.0775	0.0000158	3.22	5.9	0.0627	0.000984	6.21	0.0473	0.0644	0.000352	0.000375	0.000188	0.195	0.0000291	0.000407	0.00083	0.00239	0.0000319
2073 Apr	117	0.0642	0.0292	0.00258	15.5	0.0586	38.9	0.00197	0.00132	0.00000697	0.0101	0.00277	0.0528	0.028	0.00000729	30.2	0.0000297	0.00126	0.000351	0.00161	0.0778	0.0000158	3.23	5.92	0.063	0.000988	6.24	0.00475	0.0646	0.000354	0.000376	0.000189	0.196	0.0000292	0.000409	0.00083	0.00239	0.0000321
2073 May	119	0.0658	0.0297	0.00253	16.2	0.0581	38.8	0.00195	0.00132	0.00000698	0.0101	0.0028	0.0527	0.0296	0.00000729	31.3	0.00003	0.00127	0.000382	0.00164	0.0819	0.0000159	3.29	6.1	0.0683	0.000981	6.46	0.0048	0.0653	0.000403	0.000382	0.000192	0.203	0.0000292	0.000411	0.0008888	0.00241	0.0000308
2073 Jun	120	0.0667	0.0297	0.00242	17.5	0.055	35.8	0.00191	0.00136	0.00000712	0.0103	0.00278	0.049	0.0325	0.0000074	32.9	0.0000311	0.00122	0.000435	0.00166	0.0907	0.000016	3.26	6.15	0.0771	0.000901	6.85	0.00462	0.0678	0.000498	0.00039	0.000192	0.208	0.0000296	0.000382	0.001	0.00251	0.0000271
2073 Jul	124	0.0664	0.0304	0.00256	17.6	0.0569	37.8	0.00201	0.0014	0.00000736	0.0106	0.00289	0.0514	0.0329	0.00000766	33.6	0.0000322	0.00127	0.000438	0.0017	0.0921	0.0000165	3.38	6.34	0.0781	0.000938	6.96	0.00481	0.0696	0.000498	0.000408	0.000199	0.214	0.0000307	0.0004	0.00102	0.00261	0.0000298
2073 Aug	129	0.0664	0.0313	0.00266	17.7	0.0597	41.1	0.00206	0.00141	0.00000744	0.0107	0.00301	0.0555	0.0331	0.00000777	34.3	0.0000327	0.00136	0.00044	0.00176	0.092	0.0000169	3.55	6.66	0.0792	0.00101	7.01	0.00515	0.0698	0.000493	0.000423	0.000209	0.222	0.0000311	0.000434	0.00102	0.00263	0.0000322
2073 Sep	130	0.0666	0.0317	0.00269	17.5	0.0612	43	0.00207	0.0014	0.0000074	0.0106	0.00305	0.0581	0.0328	0.00000774	34.5	0.0000327	0.00142	0.000437	0.00178	0.0907	0.000017	3.62	6.82	0.0791	0.00105	6.97	0.00535	0.069	0.000482	0.000429	0.000214	0.226	0.0000031	0.000456	0.00101	0.00261	0.0000332
2073 Oct	129	0.0675	0.0309	0.00266	17.2	0.061	43	0.00205	0.00137	0.00000726	0.0105	0.00301	0.0578	0.032	0.0000076	33.9	0.0000321	0.00141	0.000424	0.00176	0.0883	0.0000167	3.58	6.73	0.0767	0.00105	6.83	0.0053	0.0679	0.000461	0.000419	0.000211	0.223	0.0000304	0.000454	0.00098	0.00253	0.0000334
2073 Nov	128	0.0679	0.0307	0.00265	17.1	0.061	42.9	0.00203	0.00136	0.00000722	0.0105	0.003	0.0577	0.0318	0.00000757	33.7	0.0000319	0.00141	0.00042	0.00175	0.0876	0.0000166	3.57	6.71	0.076	0.00106	6.79	0.00529	0.0676	0.000455	0.000416	0.00021	0.222	0.0000303	0.000454	0.000971	0.00252	0.0000332
2073 Dec	128	0.068	0.0307	0.00265	17.1	0.0611	43	0.00204	0.00136	0.00000722	0.0105	0.003	0.0579	0.0318	0.00000757	33.7	0.0000319	0.00141	0.00042	0.00176	0.0876	0.0000166	3.57	6.72	0.076	0.00106	6.79	0.0053	0.0676	0.000454	0.000416	0.00021	0.222	0.0000303	0.000455	0.000971	0.00251	0.0000333
2074 Jan	128	0.068	0.0308	0.00265	17.1	0.0612	43.1	0.00204	0.00136	0.00000722	0.0105	0.003	0.058	0.0318	0.00000757	33.7	0.0000319	0.00141	0.00042	0.00176	0.0876	0.0000166	3.57	6.72	0.076	0.00106	6.79	0.00531	0.0676	0.000454	0.000417	0.00021	0.222	0.0000303	0.000456	0.000971	0.00251	0.0000333
2074 Feb	129	0.068	0.0308	0.00265	17.1	0.0612	43.1	0.00204	0.00136	0.00000722	0.0105	0.00301	0.058	0.0318	0.00000757	33.7	0.0000319	0.00141	0.000421	0.00176	0.0876	0.0000166	3.58	6.73	0.0761	0.00106	6.8	0.00531	0.0676	0.000454	0.000417	0.00021	0.222	0.0000303	0.000456	0.000971	0.00251	0.0000334
2074 Mar	129	0.0681	0.0308	0.00266	17.1	0.0612	43.2	0.00204	0.00136	0.00000722	0.0105	0.00301	0.058	0.0318	0.00000757	33.8	0.000032	0.00141	0.000421	0.00176	0.0876	0.0000166	3.58	6.73	0.0761	0.00106	6.8	0.00531	0.0676	0.000454	0.000417	0.000211	0.222	0.0000303	0.000456	0.000972	0.00252	0.0000335
2074 Apr	129	0.0683	0.0309	0.00267	17.2	0.0614	43.3	0.00205	0.00137	0.00000725	0.0105	0.00302	0.0582	0.0319	0.0000076	33.9	0.0000321	0.00142	0.000422	0.00176	0.0879	0.0000167	3.59	6.75	0.0764	0.00107	6.82	0.00533	0.0678	0.000456	0.000418	0.000211	0.223	0.0000304	0.000458	0.000975	0.00252	0.0000338
2074 May	131	0.0704	0.0314	0.00258	18.1	0.0598	42.2	0.002	0.00136	0.00000722	0.0104	0.00302	0.0567	0.0341	0.00000756	35.2	0.0000321	0.00141	0.000463	0.00179	0.0935	0.0000166	3.61	6.89	0.0833	0.00103	7.11	0.00529	0.0685	0.000525	0.000419	0.000213	0.23	0.0000302	0.000448	0.00105	0.00253	0.0000315
2074 Jun	131	0.0725	0.0314	0.00241	19.9	0

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2077 Jun	135	0.0689	0.0293	0.00263	19.6	0.0566	39.1	0.00212	0.00151	0.0000079	0.0114	0.00312	0.0526	0.0382	0.0000082	37.8	0.0000362	0.00134	0.00053	0.00184	0.108	0.0000177	3.66	6.99	0.0948	0.000931	7.64	0.00509	0.0759	0.000645	0.000459	0.000218	0.238	0.00000328	0.000412	0.00124	0.00291	0.0000303
2077 Jul	138	0.0685	0.0297	0.00275	19.6	0.0579	41	0.0022	0.00152	0.00000798	0.0115	0.00322	0.0546	0.0382	0.00000831	38.3	0.0000366	0.00139	0.00053	0.00187	0.108	0.0000179	3.75	7.13	0.0953	0.000966	7.68	0.00523	0.0763	0.000641	0.000469	0.000224	0.241	0.00000333	0.000427	0.00125	0.00294	0.0000333
2077 Aug	143	0.0691	0.0305	0.00286	19.8	0.0612	44.6	0.00226	0.00154	0.00000812	0.0117	0.00335	0.0592	0.0387	0.00000848	39.2	0.0000373	0.00149	0.000537	0.00194	0.108	0.0000184	3.94	7.5	0.0971	0.00104	7.77	0.00562	0.077	0.000641	0.000488	0.000236	0.252	0.00000339	0.000465	0.00126	0.00298	0.0000356
2077 Sep	140	0.069	0.0291	0.00276	19	0.0612	44.4	0.00218	0.00148	0.00000783	0.0113	0.00325	0.0592	0.0369	0.00000819	37.8	0.0000358	0.00148	0.000508	0.00189	0.103	0.0000178	3.85	7.33	0.092	0.00105	7.46	0.00557	0.0741	0.000595	0.000469	0.000229	0.245	0.00000328	0.000466	0.00118	0.00284	0.0000346
2077 Oct	138	0.0702	0.0286	0.00276	18.8	0.0614	44.5	0.00217	0.00147	0.00000774	0.0112	0.00323	0.0592	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000498	0.00188	0.101	0.0000177	3.83	7.28	0.0901	0.00106	7.36	0.00555	0.0734	0.000576	0.000461	0.000228	0.243	0.00000324	0.000467	0.00115	0.00279	0.000035
2077 Nov	139	0.0705	0.0286	0.00276	18.8	0.0616	44.6	0.00217	0.00146	0.00000774	0.0112	0.00323	0.0594	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000497	0.00188	0.101	0.0000177	3.83	7.28	0.0898	0.00107	7.35	0.00556	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.000035
2077 Dec	139	0.0706	0.0286	0.00276	18.8	0.0616	44.7	0.00217	0.00146	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000496	0.00188	0.101	0.0000177	3.83	7.29	0.0898	0.00107	7.35	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.000035
2078 Jan	139	0.0706	0.0286	0.00276	18.8	0.0616	44.7	0.00217	0.00146	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000497	0.00188	0.101	0.0000177	3.84	7.29	0.0899	0.00107	7.35	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.0000351
2078 Feb	139	0.0706	0.0286	0.00276	18.8	0.0616	44.7	0.00218	0.00146	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.4	0.0000354	0.00148	0.000497	0.00188	0.101	0.0000177	3.84	7.29	0.0899	0.00107	7.36	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.0000352
2078 Mar	139	0.0706	0.0286	0.00277	18.8	0.0616	44.8	0.00218	0.00147	0.00000774	0.0112	0.00324	0.0595	0.0363	0.0000081	37.5	0.0000354	0.00148	0.000497	0.00188	0.101	0.0000177	3.84	7.3	0.0899	0.00107	7.36	0.00557	0.0734	0.000573	0.000461	0.000228	0.243	0.00000324	0.000469	0.00115	0.00278	0.0000354
2078 Apr	139	0.0709	0.0288	0.00278	18.8	0.0618	45	0.00219	0.00147	0.00000777	0.0112	0.00326	0.0597	0.0364	0.00000813	37.6	0.0000355	0.00149	0.000499	0.00189	0.101	0.0000177	3.86	7.32	0.0903	0.00107	7.39	0.00559	0.0736	0.000575	0.000463	0.000229	0.244	0.00000325	0.000471	0.00116	0.00279	0.0000356
2078 May	140	0.073	0.0292	0.00268	19.7	0.0598	43.2	0.00213	0.00146	0.00000771	0.0111	0.00323	0.0573	0.0383	0.00000805	38.6	0.0000352	0.00145	0.000534	0.0019	0.106	0.0000175	3.83	7.37	0.0962	0.00103	7.65	0.00546	0.0741	0.000638	0.000457	0.000228	0.248	0.00000322	0.000453	0.00121	0.00277	0.0000331
2078 Jun	140	0.0763	0.0299	0.00258	21.4	0.0562	39	0.00209	0.0015	0.00000784	0.0112	0.0032	0.0516	0.0417	0.00000814	40.4	0.0000357	0.00135	0.000594	0.00191	0.116	0.0000175	3.77	7.33	0.106	0.000931	8.18	0.00512	0.077	0.000745	0.000452	0.000226	0.251	0.00000326	0.000409	0.00133	0.00285	0.0000293
2078 Jul	145	0.0766	0.0306	0.00272	21.6	0.0586	41.9	0.00218	0.00153	0.00000801	0.0114	0.00333	0.0551	0.0422	0.00000833	41.3	0.0000366	0.00143	0.0006	0.00196	0.117	0.000018	3.93	7.61	0.107	0.000989	8.28	0.0054	0.0781	0.000747	0.000471	0.000236	0.259	0.00000334	0.000436	0.00135	0.00291	0.0000324
2078 Aug	149	0.076	0.031	0.00277	21.4	0.0615	45.2	0.00221	0.00153	0.00000804	0.0115	0.00342	0.0595	0.042	0.00000839	41.8	0.0000369	0.00153	0.000597	0.00201	0.116	0.0000183	4.07	7.91	0.108	0.00106	8.25	0.00576	0.0777	0.000733	0.000485	0.000244	0.267	0.00000336	0.000473	0.00134	0.00291	0.0000341
2078 Sep	152	0.0762	0.0312	0.00284	21.3	0.0631	47.4	0.00225	0.00152	0.00000805	0.0115	0.0035	0.0621	0.0419	0.00000843	42.1	0.0000367	0.00159	0.000595	0.00204	0.115	0.0000184	4.17	8.1	0.108	0.00111	8.24	0.00596	0.0774	0.000725	0.000493	0.000251	0.272	0.00000337	0.000495	0.00133	0.00291	0.000036
2078 Oct	152	0.0762	0.0311	0.00286	21.1	0.0639	48.7	0.00225	0.0015	0.00000798	0.0114	0.00352	0.0637	0.0414	0.00000837	42	0.0000369	0.00163	0.000588	0.00205	0.114	0.0000184	4.21	8.17	0.107	0.00113	8.15	0.00608	0.0765	0.00071	0.000495	0.000253	0.273	0.00000335	0.000508	0.00131	0.00287	0.0000371
2078 Nov	152	0.0765	0.0309	0.00287	21	0.064	48.8	0.00225	0.0015	0.00000796	0.0114	0.00351	0.0639	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00204	0.113	0.0000183	4.21	8.16	0.106	0.00114	8.12	0.00608	0.0763	0.000704	0.000493	0.000253	0.272	0.00000334	0.00051	0.0013	0.00286	0.0000373
2078 Dec	152	0.0765	0.0309	0.00287	21	0.0641	48.9	0.00225	0.0015	0.00000796	0.0114	0.00351	0.0639	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00204	0.113	0.0000183	4.21	8.16	0.106	0.00114	8.12	0.00608	0.0763	0.000703	0.000493	0.000253	0.272	0.00000334	0.00051	0.0013	0.00286	0.0000373
2079 Jan	152	0.0765	0.0309	0.00287	21	0.0641	48.9	0.00225	0.0015	0.00000795	0.0114	0.00352	0.064	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00205	0.113	0.0000183	4.21	8.17	0.106	0.00114	8.12	0.00609	0.0763	0.000703	0.000493	0.000253	0.272	0.00000334	0.000511	0.0013	0.00286	0.0000374
2079 Feb	152	0.0766	0.031	0.00287	21	0.0641	49	0.00226	0.0015	0.00000795	0.0114	0.00352	0.064	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00205	0.113	0.0000183	4.21	8.17	0.106	0.00114	8.12	0.00609	0.0763	0.000703	0.000494	0.000253	0.272	0.00000334	0.000511	0.0013	0.00286	0.0000375
2079 Mar	152	0.0766	0.031	0.00288	21	0.0642	49	0.00226	0.0015	0.00000796	0.0114	0.00352	0.0641	0.0412	0.00000835	41.9	0.0000368	0.00163	0.000585	0.00205	0.113	0.0000183	4.22	8.18	0.106	0.00114	8.13	0.0061	0.0763	0.000703	0.000494	0.000253	0.273	0.00000334	0.000511	0.00131	0.00286	0.0000376
2079 Apr	153	0.0768	0.031	0.00289	21	0.0643	49.2	0.00227	0.0015	0.00000797	0.0114	0.00353	0.0642	0.0413	0.00000837	42	0.0000369	0.00164	0.000586	0.00205	0.113	0.0000184	4.23	8.2	0.107	0.00115	8.15	0.00611	0.0765	0.000705	0.000495	0.000254	0.273	0.00000335	0.000512	0.00131	0.00287	0.0000379
2079 May	154	0.0775	0.0314	0.00292	21.2	0.0648	49.6	0.00229	0.00152	0.00000805	0.0115	0.00357	0.0647	0.0417	0.00000844	42.4	0.0000373	0.00165	0.000593	0.00207	0.114	0.0000185	4.27	8.27	0.108	0.00116	8.23	0.00616	0.0772	0.000713	0.000499	0.000256	0.276	0.00000338	0.000517	0.00132	0.00289	0.0000383
2079 Jun	135	0.0664	0.0274	0.00261	19.2	0.0571	39.8	0.00212	0.00151	0.00000789	0.0114	0.00311	0.0539	0.0376	0.00000821	37.4	0.0000363	0.00137	0.00052	0.00184	0.106	0.0000177	3.68	7.01	0.0933	0.000942	7.46	0.00518	0.0753	0.000629	0.000465	0.000218	0.237	0.00000328	0.000422	0.00123	0.00292	0.0000301
2079 Jul	133	0.0632	0.0268	0.00265	18.6	0.057	39.3	0.00215	0.00153	0.00000799	0.0115	0.0031	0.0535	0.0365	0.00000803	36.5	0.0000367	0.00135	0.000499	0.00182	0.104	0.0000179	3.63	6.84	0.0897	0.00929	7.29	0.00511	0.0756	0.000597	0.000468	0.000215	0.232	0.00000332	0.000416	0.00121	0.00298	0.0000307
2079 Aug	137	0.0633	0.0272	0.00274	18.6	0.0601	42.7	0.00221	0.00154	0.00000808	0.0116	0.00322	0.0578	0.0367	0.00000842	37.3	0.0000371	0.00145	0.000501	0.00188	0.104	0.0000183	3.79	7.16	0.0907	0.001	7.34	0.00546	0.0759	0.000591	0.000483	0.000225	0.24	0.00000337	0.000452	0.00121	0.00299	0.0000332
2079 Sep	137	0.064	0.0266	0.00272	18.2	0.0609	43.7	0.00218	0.0015	0.00000793	0.0114	0.0032	0.0591	0.0357	0.00000828	36.8	0.0000364	0.00147	0.000486	0.00187	0.101	0.000018	3.79	7.18	0.0883	0.00103	7.17	0.00554	0.0742	0.000563	0.000477	0.000225	0.239	0.00000331	0.000464	0.00116	0.00291	0.0000335
2079 Oct	136	0.0646	0.0263	0.00273	18	0.061	44.1	0.00218	0.00148	0.00000783	0.0113	0.00319	0.0594	0.0352	0.00000818	36.4	0.000036	0.00147	0.000477	0.00186	0.0987	0.0000178	3.78	7.14	0.0868	0.00104	7.08	0.00554	0.0733	0.000548	0.000471	0.000224	0.238	0.00000327	0.000466	0.00114	0.00286	0.0000343
2079 Nov	136	0.0654	0.026	0.00273	17.9	0.0611	44	0.00217	0.00148	0.00000779	0.0113	0.00318	0.0592	0.0349	0.00000814	36.3	0.0000358	0.00146	0.000473	0.00185	0.0979	0.0000178	3.77	7.1	0.0858	0.00105	7.05	0.00551	0.0731	0.00054	0.000466	0.000223	0.236	0.00000326	0.000464	0.00113	0.00284	0.0000344
2079 Dec	135	0.0662	0.0258	0.00271	17.9	0.0611	43.8	0.00216	0.00147	0.00000777	0.0113	0.00317	0.059	0.0347	0.00000812	36.1	0.0000356	0.00146	0.000469	0.00184	0.0974	0.0000177	3.75	7.07	0.0851	0.00105	7.02	0.00549	0.073	0.000534	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000341
2080 Jan	135	0.0662	0.0258	0.00271	17.9	0.0611	43.8	0.00216	0.00147	0.00000776	0.0113	0.00317	0.0589	0.0347	0.00000811	36.1	0.0000356	0.00146	0.000469	0.00184	0.0974	0.0000177	3.75	7.07	0.085	0.00105	7.02	0.00548	0.0729	0.000533	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000342
2080 Feb	135	0.0663	0.0259	0.00272	17.9	0.0611	43.8	0.00216	0.00147	0.00000776	0.0113	0.00317	0.0589	0.0348	0.00000811	36.1	0.0000356	0.00146	0.00047	0.00184	0.0974	0.0000177	3.75	7.07	0.0851	0.00105	7.03	0.00548	0.0729	0.000533	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000343
2080 Mar	135	0.0663	0.0259	0.00272	17.9	0.0611	43.8	0.00217	0.00147	0.00000776	0.0113	0.00317	0.0589	0.0348	0.00000812	36.1	0.0000356	0.00146	0.00047	0.00184	0.0974	0.0000177	3.75	7.07	0.0852	0.00105	7.03	0.00548	0.0729	0.000534	0.000462	0.000222	0.235	0.00000325	0.000463	0.00112	0.00282	0.0000345
2080 Apr	135	0.0664	0.0259	0.00273	17.9	0.0612	43.9	0.00217	0.00147	0.00000777	0.0113	0.00318	0.059	0.0348	0.00000813	36.2	0.0000356	0.00146	0.00047	0.00185	0.0976	0.0000177	3.76	7.08	0.0853	0.00105	7.04	0.00549	0.073	0.000534	0.000463	0.000223	0.236	0.00000325	0.000463	0.00112	0.00282	0.0000347
2080 May	137	0.0671	0.0262	0.00276	18.1	0.0618	44.4	0.0022	0.00149	0.00000785	0.0114	0.00321	0.0596	0.0352	0.00000832	36.6	0.0000359	0.00147	0.000475	0.00187	0.0985	0.0000179	3.8	7.15	0.0862	0.00106	7.11	0.00554	0.0737	0.00054	0.000467	0.000225	0.238	0.00000328	0.000468	0.00113	0.00285	0.0000352
2080 Jun	126	0.0612	0.0241	0.00262	16.9	0.578	39.2	0.00212	0.00149	0.00000781	0.0114	0.00298	0.0538	0.0328	0.00000813	33.8	0.0000357	0.00132	0.000432	0.00174	0.0937	0.0000175	3.48	6.45	0.0777	0.000947	6.69	0.00501	0.0731	0.000486	0.00045	0.000204	0.216	0.00000325	0.000416	0.00108	0.00288	0.0000313
2080 Jul	124	0.057	0.0233	0.00264	16.2	0.0575	38.6	0.00214	0.0015	0.00000786	0.0114	0.00294	0.0534	0.0315	0.00000817	32.7	0.0000359	0.0013	0.000409	0.00171	0.091	0.0000176	3.41	6.27	0.0737	0.000929	6.47	0.00494	0.0729	0.000453	0.000453	0.0002	0.21	0.00000327	0.000411	0.00105	0.00292	0.0000314
2080 Aug	127	0.0565	0.0235	0.00271	16.1	0.0595	41	0.00218	0.0015	0.00000789	0.0115	0.00303	0.0563	0.0315	0.00000823	33.1	0.0000359	0.00136	0.000408	0.00175	0.0907	0.0000178	3.53	6.48	0.0743	0.000978	6.48	0.00517	0.0727	0.000447	0.000461	0.000207	0.215	0.00000329	0.000435	0.00104	0.00292	0.0000336
2080 Sep	128	0.0569	0.0233	0.00273	15.9	0.0605	42.5	0.00218	0.00148	0.00000781	0.0113	0.00305	0.058	0.0311	0.00000815	33.1	0.0000356	0.0014	0.000402	0.00175	0.0889	0.0000177	3.57	6.57	0.0735	0.00101	6.4	0.0053	0.0717	0.000433	0.000461	0.00021	0.217	0.00000326	0.00045	0.00102	0.00287	0.0000347
2080 Oct	128	0.0578	0.0233	0.00277	15.8	0.0612	43.6	0.0022	0.00147	0.00000775	0.0112	0.00308	0.0592	0.0308	0.00000811	33.1	0.0000354	0.00142	0.000399	0.00176	0.0878	0.0000177	3.61	6.64	0.0731	0.00104	6.37	0.00538	0.0711	0.000424	0.000461	0.000213	0.218	0.00000325	0.000459	0.00101	0.00284	0.0000361
2080 Nov	129	0.0586	0.0232	0.00277	15.8	0.0616	43.9	0.0022	0.00146	0.00000773	0.0113	0.00308	0.0595	0.0307	0.0000081	33.1	0.0000353	0.00143	0.000397	0.00177	0.0874	0.0000177	3.61	6.66	0.0727	0.00105	6.35	0.0054	0.071	0.00042	0.00046	0.000213	0.219	0.00000324	0.000463	0.001	0.00282	0.0000362
2080 Dec	129	0.0587	0.0231	0.00276	15.8	0.0617	44	0.00219	0.00146	0.00000773	0.0113	0.00308	0.0597	0.0307	0.00000809	33.1	0.0000353	0.00143	0.000397	0.00177	0.0873	0.0000177	3.62	6.66	0.0727	0.00105	6.35	0.00541	0.071	0.000419	0.00046	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000362
2081 Jan	129	0.0588	0.0232	0.00277	15.8	0.0617	44	0.0022	0.00146	0.00000773	0.0113	0.00309	0.0597	0.0307	0.00000809	33.2	0.0000353	0.00143	0.000397	0.00177	0.0873	0.0000176	3.62	6.66	0.0727	0.00105	6.35	0.00541	0.071	0.000419	0.000459	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000363
2081 Feb	129	0.0588	0.0232	0.00277	15.8	0.0616	44	0.0022	0.00146	0.00000773	0.0113	0.00309	0.0597	0.0307	0.00000809	33.2	0.0000353	0.00143	0.000397	0.00177	0.0874	0.0000176	3.62	6.67	0.0728	0.00105	6.36	0.00541	0.071	0.000419	0.000459	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000365
2081 Mar	129	0.0589	0.0232	0.00278	15.8	0.0617	44.1	0.0022	0.00146	0.00000773	0.0113	0.00309	0.0597	0.0307	0.00000809	33.2	0.0000353	0.00143	0.000397	0.00177	0.0874	0.0000177	3.62	6.67	0.0728	0.00105	6.36	0.00541	0.071	0.000419	0.00046	0.000213	0.219	0.00000324	0.000464	0.001	0.00282	0.0000366
2081 Apr	129	0.059	0.0233	0.00279	15.8	0.0618	44.2	0.00221	0.00147	0.00000775	0.0113	0.0031	0.0598	0.0308	0.00000811	33.3	0.0000354	0.00144	0.000398	0.00177	0.0876	0.0000177	3.63	6.69	0.073	0.00106	6.38	0.00542	0.0711	0.00042	0.000461	0.000214	0.22	0.00000325	0.000465	0.001	0.00282	0.0000369
2081 May	130	0.0612	0.0238	0.00275	16.6	0.0603	42.9	0.00219	0.00147	0.00000773	0.0112	0.0031	0.0577	0.0323	0.00000808	34.2	0.0000352	0.0014	0.000426	0.00178	0.0917	0.0000176	3.62	6.71	0.0775	0.00102	6.61	0.0053	0.0718	0.000468	0.000456	0.000214	0.222	0.00000324	0.000449	0.00105	0.00282	0.0000357
2081 Jun	128	0.063	0.0243	0.00266	17.6	0.0569	39.2	0.00215	0.00148	0.00000777	0.0112	0.00304	0.0527	0.0344	0.00000808	35	0.0000352	0.00131	0.000462	0.00176	0.0978	0.0000174	3.52	6.57	0.083	0.000936	6.93	0.00496	0.0733	0.000537	0.000446	0.000209	0.222	0.00000324	0.000449	0.00112	0.00285	0.0000327
2081 Jul	132	0.0636	0.0249	0.00281	17.9	0.0586	41.1	0.00225	0.00152	0.00000796	0.0115	0.00316	0.0547	0.0349	0.00000829	35.9	0.0000361	0.00135	0.000469	0.0018	0.0994	0.0000178	3.64	6.76	0.0846	0.000974	7.06	0.00512	0.0748	0.000542	0.000446	0.000217	0.227	0.00000333	0.000424	0.00114	0.00292	0.000036
2081 Aug	140	0.0648	0.0258	0.00295	18.2	0.0624	45.5	0.00234	0.00155	0.00000817	0.0118	0.00334	0.0603	0.0358	0.00000854	37.4	0.0000374	0.00149	0.000482	0.0019	0.101	0.0000185	3.88	7.24	0.0879	0.00106	7.22	0.0056	0.0763	0.000555	0.000487	0.000232	0.241	0.00000342	0.00047	0.00117	0.003	0.000039
2081 Sep	141	0.0652	0.0258	0.00298	18.1	0.0635	47	0.00236	0.00154	0.00000813	0.0118	0.00338	0.0621	0.0356	0.00000852	37.5	0.0000374	0.00153	0.000479	0.00191	0.1	0.0000185	3.94	7.35	0.0877	0.0011	7.19	0.00573	0.0757	0.000541	0.000491	0.000235	0.244	0.00000342	0.000485	0.00116	0.00298	0.0000403
2081 Oct	143	0.0657	0.0259	0.00301	18	0.0642	48	0.00237	0.00154	0.00000812	0.0118	0.00341	0.0632	0.0355	0.00000852	37.6	0.0000374	0.00155	0.000478	0.00192	0.0998	0.0000186	3.98	7.43	0.0877	0.00112	7.18	0.00582	0.0755	0.000536	0.000493	0.000238	0.246	0.00000341	0.000495	0.00115	0.00297	0.0000414
2081 Nov	142	0.0662	0.0255	0.00299	17.9	0.0642	47.9	0.00235	0.00152	0.00000805	0.0117	0.00339	0.0632	0.0351	0.00000844	37.3	0.0000371	0.00155	0.000472	0.00191	0.0986	0.0000184	3.96	7.39	0.0865	0.00112	7.11	0.0058	0.0749	0.000526	0.000488	0.000236	0.244	0.00000339	0.000495	0.00114	0.00293	0.0000412
2081 Dec	141	0.0665	0.0255	0.00299	17.9	0.0642	47.8	0.00235	0.00152	0.00000804	0.0

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2084 Dec	136	0.0682	0.0228	0.00267	17.9	0.062	44.3	0.00215	0.00146	0.00000771	0.0112	0.00318	0.0593	0.0351	0.00000806	36.5	0.000035	0.00147	0.000475	0.00186	0.0979	0.0000176	3.78	7.15	0.0859	0.00106	6.98	0.00553	0.0728	0.000539	0.000455	0.000223	0.238	0.00000323	0.000468	0.00111	0.00276	0.0000343
2085 Jan	136	0.0683	0.0228	0.00267	17.9	0.062	44.3	0.00215	0.00146	0.00000771	0.0112	0.00319	0.0594	0.0351	0.00000806	36.5	0.000035	0.00147	0.000475	0.00186	0.0979	0.0000176	3.78	7.16	0.086	0.00107	6.98	0.00553	0.0728	0.000539	0.000455	0.000223	0.238	0.00000323	0.000468	0.00111	0.00276	0.0000343
2085 Feb	136	0.0683	0.0228	0.00267	17.9	0.062	44.4	0.00215	0.00146	0.00000771	0.0112	0.00319	0.0594	0.0351	0.00000806	36.5	0.000035	0.00147	0.000476	0.00186	0.0979	0.0000176	3.78	7.16	0.086	0.00107	6.99	0.00553	0.0728	0.000539	0.000455	0.000224	0.238	0.00000323	0.000468	0.00111	0.00276	0.0000345
2085 Mar	136	0.0683	0.0229	0.00268	18	0.062	44.4	0.00216	0.00146	0.00000771	0.0112	0.00319	0.0594	0.0352	0.00000807	36.5	0.000035	0.00147	0.000476	0.00186	0.0979	0.0000176	3.78	7.16	0.0861	0.00107	6.99	0.00553	0.0728	0.00054	0.000455	0.000224	0.238	0.00000323	0.000468	0.00111	0.00276	0.0000346
2085 Apr	136	0.0684	0.0229	0.00269	18	0.0621	44.5	0.00217	0.00146	0.00000772	0.0112	0.0032	0.0595	0.0352	0.00000808	36.6	0.000035	0.00147	0.000477	0.00187	0.0981	0.0000177	3.79	7.18	0.0862	0.00107	7	0.00554	0.0729	0.000541	0.000456	0.000224	0.238	0.00000323	0.000469	0.00111	0.00276	0.0000348
2085 May	138	0.0702	0.0235	0.00268	18.6	0.0619	44.3	0.00216	0.00147	0.00000778	0.0112	0.00323	0.0592	0.0365	0.00000813	37.5	0.0000353	0.00148	0.000499	0.00189	0.102	0.0000177	3.83	7.29	0.0901	0.00106	7.21	0.00556	0.0739	0.000577	0.000459	0.000227	0.243	0.00000325	0.000468	0.00115	0.00278	0.0000341
2085 Jun	139	0.0737	0.0248	0.00264	19.9	0.0594	41.9	0.00215	0.00149	0.00000784	0.0113	0.00324	0.0555	0.0392	0.00000817	39.1	0.0000355	0.00142	0.000546	0.00191	0.109	0.0000177	3.81	7.32	0.0977	0.001	7.65	0.00534	0.0758	0.000658	0.000455	0.000227	0.248	0.00000327	0.000439	0.00124	0.00282	0.0000327
2085 Jul	144	0.0739	0.0252	0.00277	20	0.0614	44.5	0.00223	0.00151	0.00000795	0.0114	0.00336	0.0584	0.0395	0.00000831	39.9	0.0000361	0.00148	0.000551	0.00195	0.11	0.000018	3.95	7.56	0.0991	0.00106	7.72	0.00557	0.0765	0.000659	0.000469	0.000236	0.254	0.00000333	0.000462	0.00125	0.00286	0.0000357
2085 Aug	149	0.0733	0.0253	0.00282	19.9	0.0646	48.6	0.00226	0.0015	0.00000797	0.0115	0.00346	0.0639	0.0394	0.00000836	40.5	0.0000367	0.00161	0.000552	0.00201	0.109	0.0000184	4.13	7.96	0.1	0.00114	7.68	0.00603	0.0759	0.00065	0.000489	0.000247	0.264	0.00000334	0.000508	0.00125	0.00286	0.0000374
2085 Sep	148	0.0733	0.0246	0.0028	19.3	0.0653	49.6	0.00223	0.00147	0.0000078	0.0113	0.00344	0.0653	0.0383	0.0000082	39.8	0.000036	0.00164	0.000534	0.002	0.105	0.0000181	4.13	7.95	0.0973	0.00117	7.48	0.0061	0.074	0.000618	0.000483	0.000246	0.263	0.00000328	0.00052	0.0012	0.00278	0.0000379
2085 Oct	147	0.0734	0.0241	0.00278	19	0.0654	50	0.00221	0.00144	0.00000768	0.0111	0.00342	0.0658	0.0376	0.00000808	39.3	0.0000356	0.00164	0.000522	0.00199	0.103	0.0000179	4.11	7.92	0.0954	0.00118	7.34	0.00612	0.0728	0.000599	0.000478	0.000245	0.261	0.00000323	0.000525	0.00118	0.00272	0.0000382
2085 Nov	146	0.0736	0.0238	0.00275	18.8	0.0653	49.7	0.00219	0.00143	0.0000076	0.011	0.00339	0.0655	0.0371	0.00000801	38.9	0.0000352	0.00163	0.000515	0.00197	0.101	0.0000177	4.08	7.86	0.0939	0.00118	7.26	0.00609	0.0722	0.000587	0.000473	0.000243	0.258	0.0000032	0.000523	0.00116	0.00269	0.0000377
2085 Dec	145	0.0737	0.0238	0.00275	18.8	0.0653	49.7	0.00219	0.00142	0.0000076	0.011	0.00339	0.0655	0.0371	0.000008	38.9	0.0000352	0.00163	0.000514	0.00197	0.101	0.0000177	4.08	7.86	0.0938	0.00118	7.25	0.00609	0.0722	0.000586	0.000472	0.000243	0.258	0.0000032	0.000523	0.00116	0.00268	0.0000377
2086 Jan	146	0.0737	0.0238	0.00276	18.8	0.0653	49.8	0.00219	0.00142	0.0000076	0.011	0.00339	0.0655	0.0371	0.000008	38.9	0.0000352	0.00163	0.000514	0.00197	0.101	0.0000177	4.08	7.86	0.0939	0.00118	7.26	0.00609	0.0722	0.000586	0.000472	0.000243	0.258	0.0000032	0.000523	0.00116	0.00268	0.0000379
2086 Feb	146	0.0737	0.0238	0.00276	18.8	0.0653	49.8	0.00219	0.00142	0.0000076	0.011	0.00339	0.0655	0.0371	0.000008	38.9	0.0000352	0.00163	0.000514	0.00197	0.101	0.0000177	4.08	7.86	0.0939	0.00118	7.26	0.00609	0.0722	0.000586	0.000472	0.000243	0.258	0.0000032	0.000523	0.00116	0.00268	0.000038
2086 Mar	146	0.0737	0.0238	0.00277	18.8	0.0653	49.9	0.0022	0.00143	0.0000076	0.011	0.0034	0.0656	0.0371	0.00000801	38.9	0.0000352	0.00163	0.000515	0.00197	0.101	0.0000177	4.09	7.86	0.094	0.00118	7.26	0.00609	0.0722	0.000586	0.000472	0.000243	0.259	0.0000032	0.000523	0.00116	0.00268	0.0000382
2086 Apr	146	0.0739	0.0239	0.00278	18.9	0.0654	50	0.00221	0.00143	0.00000762	0.0111	0.00341	0.0657	0.0372	0.00000803	39.1	0.0000353	0.00164	0.000516	0.00198	0.101	0.0000178	4.1	7.88	0.0942	0.00118	7.28	0.00611	0.0723	0.000587	0.000474	0.000244	0.259	0.00000321	0.000525	0.00116	0.00269	0.0000384
2086 May	148	0.0749	0.0242	0.0028	19.1	0.0658	50.3	0.00222	0.00144	0.00000769	0.0111	0.00344	0.0661	0.0378	0.00000809	39.6	0.0000356	0.00165	0.000525	0.002	0.103	0.0000179	4.14	7.96	0.0959	0.00119	7.39	0.00615	0.0731	0.000601	0.000478	0.000246	0.262	0.00000324	0.000528	0.00118	0.00271	0.0000385
2086 Jun	134	0.0684	0.0229	0.00252	18.5	0.0581	41.5	0.00205	0.00143	0.00000752	0.0109	0.00309	0.0556	0.0364	0.00000785	36.8	0.0000346	0.0014	0.000504	0.00183	0.101	0.0000171	3.68	7.06	0.0907	0.000991	7.1	0.00529	0.0721	0.000597	0.000447	0.000218	0.237	0.00000314	0.00044	0.00116	0.00273	0.000031
2086 Jul	134	0.0656	0.0227	0.00261	18.1	0.059	42.4	0.00212	0.00146	0.00000769	0.0111	0.00314	0.0569	0.0357	0.00000802	36.5	0.0000355	0.00142	0.00049	0.00183	0.1	0.0000175	3.71	7.05	0.0887	0.001	7.01	0.00537	0.0729	0.000574	0.00046	0.00022	0.236	0.00000321	0.000448	0.00116	0.00281	0.0000328
2086 Aug	138	0.0645	0.0226	0.00266	17.8	0.0621	45.7	0.00214	0.00145	0.00000769	0.0111	0.00322	0.0614	0.0354	0.00000805	36.8	0.0000354	0.00153	0.000485	0.00188	0.0985	0.0000177	3.86	7.35	0.0884	0.00108	6.94	0.00573	0.072	0.000555	0.000471	0.000229	0.243	0.00000322	0.000485	0.00114	0.00278	0.0000344
2086 Sep	137	0.0641	0.0219	0.00264	17.3	0.0629	46.5	0.00212	0.00142	0.00000753	0.0108	0.0032	0.0625	0.0343	0.00000791	36.2	0.0000344	0.00154	0.000467	0.00187	0.0948	0.0000175	3.85	7.32	0.0855	0.0011	6.77	0.00578	0.0701	0.000524	0.000462	0.000228	0.241	0.00000316	0.000494	0.00109	0.0027	0.0000348
2086 Oct	137	0.0645	0.0218	0.00265	17.3	0.0635	47.3	0.00212	0.00141	0.0000075	0.0108	0.00321	0.0636	0.0341	0.00000789	36.2	0.0000344	0.00157	0.000464	0.00187	0.094	0.0000175	3.88	7.38	0.0851	0.00112	6.73	0.00586	0.0698	0.000517	0.000464	0.00023	0.242	0.00000315	0.000503	0.00108	0.00268	0.0000352
2086 Nov	138	0.0647	0.0218	0.00265	17.3	0.0637	47.5	0.00212	0.00141	0.00000751	0.0108	0.00322	0.0638	0.0342	0.0000079	36.2	0.0000344	0.00157	0.000465	0.00188	0.0941	0.0000175	3.88	7.4	0.0852	0.00113	6.74	0.00588	0.0698	0.000517	0.000465	0.00023	0.243	0.00000315	0.000505	0.00108	0.00268	0.0000353
2086 Dec	138	0.0647	0.0218	0.00265	17.3	0.0638	47.6	0.00213	0.00141	0.00000751	0.0108	0.00322	0.0639	0.0342	0.0000079	36.3	0.0000345	0.00157	0.000465	0.00188	0.094	0.0000175	3.89	7.41	0.0852	0.00113	6.74	0.00589	0.0698	0.000517	0.000465	0.00023	0.243	0.00000316	0.000506	0.00108	0.00268	0.0000355
2087 Jan	138	0.0647	0.0218	0.00266	17.3	0.0638	47.7	0.00213	0.00141	0.00000751	0.0108	0.00323	0.064	0.0342	0.0000079	36.3	0.0000345	0.00157	0.000465	0.00188	0.094	0.0000175	3.89	7.41	0.0853	0.00113	6.74	0.00589	0.0698	0.000517	0.000465	0.000231	0.243	0.00000316	0.000507	0.00108	0.00268	0.0000356
2087 Feb	138	0.0647	0.0218	0.00267	17.3	0.0638	47.7	0.00213	0.00141	0.00000751	0.0108	0.00323	0.064	0.0342	0.0000079	36.3	0.0000345	0.00158	0.000465	0.00188	0.0941	0.0000175	3.89	7.42	0.0853	0.00113	6.74	0.00589	0.0699	0.000517	0.000465	0.000231	0.243	0.00000316	0.000507	0.00108	0.00268	0.0000358
2087 Mar	138	0.0648	0.0218	0.00267	17.3	0.0638	47.8	0.00214	0.00141	0.00000752	0.0109	0.00324	0.064	0.0342	0.00000791	36.3	0.0000345	0.00158	0.000465	0.00188	0.0941	0.0000175	3.9	7.42	0.0854	0.00113	6.75	0.00589	0.0699	0.000517	0.000466	0.000231	0.243	0.00000316	0.000507	0.00108	0.00268	0.000036
2087 Apr	138	0.0649	0.0219	0.00268	17.3	0.0639	47.9	0.00214	0.00141	0.00000753	0.0109	0.00324	0.0641	0.0343	0.00000792	36.4	0.0000345	0.00158	0.000466	0.00188	0.0943	0.0000175	3.91	7.43	0.0855	0.00113	6.76	0.0059	0.07	0.000518	0.000466	0.000232	0.244	0.00000316	0.000508	0.00108	0.00269	0.0000362
2087 May	139	0.0664	0.0224	0.00266	17.9	0.063	46.9	0.00213	0.00142	0.00000755	0.0109	0.00324	0.0626	0.0353	0.00000793	37	0.0000346	0.00155	0.000485	0.00189	0.0973	0.0000175	3.9	7.45	0.0886	0.00111	6.93	0.00582	0.0708	0.000551	0.000464	0.000231	0.246	0.00000317	0.000496	0.00112	0.0027	0.0000353
2087 Jun	137	0.0707	0.0239	0.0025	19.7	0.0576	41	0.00205	0.00144	0.00000757	0.0108	0.00315	0.0545	0.039	0.00000789	38.6	0.0000343	0.0014	0.00055	0.00187	0.108	0.0000171	3.75	7.27	0.0985	0.000976	7.52	0.00528	0.0732	0.000671	0.000447	0.000224	0.246	0.00000316	0.000433	0.00123	0.00273	0.0000302
2087 Jul	139	0.0702	0.0241	0.0026	19.7	0.0587	42.7	0.00212	0.00145	0.00000764	0.0109	0.00323	0.0562	0.039	0.00000798	39	0.0000346	0.00144	0.000549	0.00189	0.108	0.0000173	3.83	7.38	0.0988	0.00101	7.54	0.0054	0.0734	0.000667	0.000454	0.000229	0.249	0.00000319	0.000445	0.00123	0.00275	0.000033
2087 Aug	145	0.0705	0.0245	0.00272	19.8	0.062	46.4	0.00219	0.00147	0.00000777	0.011	0.00338	0.061	0.0394	0.00000814	40	0.0000354	0.00155	0.000555	0.00196	0.108	0.0000178	4.02	7.77	0.101	0.00108	7.61	0.0058	0.0741	0.000667	0.000474	0.000241	0.259	0.00000326	0.000485	0.00124	0.00279	0.0000359
2087 Sep	149	0.0711	0.0248	0.0028	19.8	0.0641	49.2	0.00224	0.00147	0.00000783	0.0112	0.00348	0.0644	0.0396	0.00000822	40.7	0.000036	0.00163	0.00056	0.00201	0.109	0.0000181	4.16	8.04	0.102	0.00114	7.65	0.00609	0.0743	0.000666	0.000489	0.00025	0.267	0.00000329	0.000513	0.00125	0.00281	0.0000379
2087 Oct	150	0.0714	0.0246	0.00281	19.7	0.0646	49.9	0.00224	0.00146	0.0000078	0.0111	0.00349	0.0654	0.0394	0.0000082	40.7	0.000036	0.00165	0.000556	0.00202	0.108	0.0000181	4.18	8.09	0.102	0.00116	7.6	0.00615	0.0739	0.000658	0.00049	0.000251	0.268	0.00000328	0.000521	0.00124	0.00279	0.0000384
2087 Nov	149	0.0716	0.0245	0.00279	19.6	0.0647	49.9	0.00223	0.00146	0.00000778	0.0111	0.00348	0.0654	0.0392	0.00000818	40.5	0.0000359	0.00165	0.000553	0.00201	0.107	0.0000181	4.18	8.08	0.101	0.00116	7.58	0.00615	0.0737	0.000653	0.000488	0.000251	0.267	0.00000327	0.000522	0.00124	0.00278	0.0000382
2087 Dec	150	0.0716	0.0245	0.0028	19.6	0.0648	50	0.00223	0.00146	0.00000778	0.0111	0.00348	0.0656	0.0392	0.00000818	40.6	0.0000359	0.00165	0.000553	0.00201	0.107	0.0000181	4.18	8.09	0.101	0.00116	7.58	0.00617	0.0737	0.000653	0.000489	0.000251	0.268	0.00000327	0.000523	0.00124	0.00278	0.0000382
2088 Jan	150	0.0716	0.0245	0.0028	19.6	0.0648	50.1	0.00223	0.00146	0.00000778	0.0111	0.00348	0.0656	0.0392	0.00000818	40.6	0.0000359	0.00165	0.000553	0.00202	0.107	0.0000181	4.19	8.09	0.101	0.00116	7.58	0.00617	0.0737	0.000653	0.000489	0.000251	0.268	0.00000327	0.000524	0.00124	0.00278	0.0000383
2088 Feb	150	0.0717	0.0245	0.00281	19.6	0.0648	50.1	0.00224	0.00146	0.00000778	0.0111	0.00349	0.0656	0.0392	0.00000818	40.6	0.0000359	0.00165	0.000554	0.00202	0.107	0.0000181	4.19	8.09	0.101	0.00116	7.58	0.00617	0.0737	0.000653	0.000489	0.000251	0.268	0.00000327	0.000524	0.00124	0.00278	0.0000385
2088 Mar	150	0.0717	0.0246	0.00281	19.7	0.0648	50.2	0.00224	0.00146	0.00000778	0.0111	0.00349	0.0657	0.0393	0.00000819	40.6	0.0000359	0.00166	0.000554	0.00202	0.107	0.0000181	4.19	8.1	0.101	0.00117	7.59	0.00617	0.0737	0.000653	0.000489	0.000252	0.268	0.00000327	0.000524	0.00124	0.00278	0.0000387
2088 Apr	151	0.0721	0.0247	0.00283	19.7	0.0652	50.5	0.00226	0.00147	0.00000782	0.0112	0.00351	0.066	0.0395	0.00000823	40.8	0.0000361	0.00166	0.000557	0.00203	0.108	0.0000182	4.21	8.14	0.102	0.00117	7.62	0.0062	0.0741	0.000656	0.000492	0.000253	0.269	0.00000329	0.000526	0.00124	0.00279	0.000039
2088 May	152	0.073	0.025	0.00287	20	0.0659	51.1	0.00228	0.00149	0.00000791	0.0113	0.00356	0.0667	0.04	0.00000832	41.4	0.0000365	0.00168	0.000564	0.00205	0.109	0.0000184	4.26	8.24	0.103	0.00119	7.72	0.00627	0.075	0.000665	0.000498	0.000256	0.273	0.00000333	0.000532	0.00126	0.00283	0.000395
2088 Jun	138	0.065	0.023	0.0027	18.4	0.0607	44.2	0.00219	0.00149	0.00000787	0.0113	0.00324	0.0591	0.0367	0.00000822	37.6	0.0000362	0.00148	0.000505	0.00188	0.103	0.0000179	3.84	7.3	0.0917	0.00104	7.17	0.00557	0.0741	0.000592	0.000475	0.000229	0.244	0.00000329	0.000465	0.00119	0.00288	0.0000345
2088 Jul	137	0.0627	0.0227	0.00276	18.1	0.0607	43.9	0.00224	0.00152	0.000008	0.0115	0.00325	0.0588	0.036	0.00000835	37.1	0.0000367	0.00146	0.000491	0.00187	0.102	0.0000181	3.81	7.18	0.0892	0.00103	7.09	0.00551	0.0749	0.000571	0.00048	0.000227	0.24	0.00000335	0.00046	0.00118	0.00295	0.0000355
2088 Aug	145	0.0642	0.0235	0.00291	18.5	0.0646	48.2	0.00234	0.00156	0.00000825	0.0119	0.00344	0.0643	0.0371	0.00000864	38.7	0.0000382	0.00159	0.000507	0.00197	0.104	0.0000189	4.06	7.67	0.0928	0.00112	7.28	0.00598	0.0767	0.000583	0.000509	0.000243	0.254	0.00000346	0.000505	0.00121	0.00304	0.0000386
2088 Sep	148	0.0648	0.0238	0.00298	18.6	0.0661	50.1	0.00238	0.00157	0.00000831	0.012	0.00351	0.0666	0.0373	0.00000852	39.3	0.0000387	0.00165	0.000511	0.002	0.104	0.0000191	4.16	7.86	0.094	0.00116	7.33	0.00617	0.077	0.000584	0.000519	0.000249	0.259	0.00000349	0.000524	0.00122	0.00306	0.0000404
2088 Oct	145	0.0663	0.0229	0.0029	18.2	0.0656	49.1	0.00233	0.00153	0.00000812	0.0118	0.00343	0.0654	0.0363	0.00000852	38.3	0.0000376	0.00161	0.000493	0.00197	0.101	0.0000187	4.07	7.67	0.0904	0.00115	7.15	0.00604	0.0756	0.000555	0.000501	0.000242	0.253	0.00000341	0.000515	0.00117	0.00296	0.0000394
2088 Nov	144	0.0672	0.0226	0.00288	18.1	0.0654	48.6	0.00231	0.00152	0.00000808	0.0117	0.0034	0.0648	0.036	0.00000847	38	0.0000373	0.0016	0.000487	0.00195	0.1	0.0000186	4.03	7.6	0.0891	0.00115	7.11	0.00598	0.0753	0.000546	0.000494	0.00024	0.251	0.00000339	0.00051	0.00116	0.00293	0.0000389
2088 Dec	144	0.0673	0.0226	0.00288	18.1	0.0655	48.7	0.00231	0.00152	0.00000808	0.0117	0.0034	0.0649	0.036	0.00000847	38	0.0000373	0.0016	0.000487	0.00196	0.1	0.0000186	4.04	7.61	0.0891	0.00115	7.11	0.00599	0.0753	0.000546	0.000494	0.00024	0.251	0.00000339	0.000511	0.00116	0.00293	0.0000389
2089 Jan	144	0.0673	0.0226	0.00289	18.1	0.0655	48.7	0.00231	0.00152	0.00000808	0.0117	0.00341	0.0649	0.036	0.00000847	38	0.0000373	0.0016	0.000487	0.00196	0.1	0.0000186	4.04	7.61	0.0892	0.00115	7.11	0.00599	0.0753	0.000546	0.000494	0.00024	0.251	0.00000339	0.000511	0.00116	0.00293	0.0000391
2089 Feb	144	0.0673	0.0226	0.00289	18.1	0.0655	48.8	0.00232	0.00152	0.00000808	0.0117	0.00341	0.0649	0.036	0.00000848	38	0.0000373	0.0016	0.000487	0.00196	0.1	0.0000186	4.04	7.61	0.0892	0.00115	7.11	0.00599	0.0753	0.000546	0.000494	0.00024	0.251	0.00000339	0.000511	0.00116	0.00293	0.0000392
2089 Mar	144	0.0674	0.0227	0.0029	18.1	0.0655	48.8	0.00232	0.00152	0.00000808	0.0117	0.00341	0.065	0.036	0.00000848	38.1	0.0000373	0.0016	0.000488	0.00196	0.1	0.0000186	4.04	7.62	0.0893	0.00115	7.12	0.00599	0.0754	0.000546	0.000495	0.00024	0.251	0.0000034	0.000511	0.00116	0.00293	0.0000394
2089 Apr	145	0.0676	0.0228	0.00291	18.2	0.0657	49	0.00233	0.00153	0.00000811	0.0118	0.00343	0.0652	0.0361	0.00000851	38.2	0.0000375	0.0016	0.000489	0.00196	0.101	0.0000187	4.06	7.64	0.0896	0.00115	7.14	0.00601	0.0756	0.000548	0.000496	0.000241	0.252	0.00000341	0.000513	0.00116	0.00294	0.0000396
2089 May	146	0.0698	0.0235	0.00288	19	0.0647	47.8	0.00232	0.00154	0.00000815	0.0118	0.00343	0.0635	0.0376	0.00000854	39.1	0.0000375	0.00158	0.000515	0.00198	0.105	0.0000187	4.06	7.69	0.0938	0.00113	7.39	0.00592	0.0767	0.000593	0.000494	0.000242	0.255	0.0000034	0.0005	0.00121	0.00296	0.0000384
2089 Jun	146	0.0753	0.0253	0.00276	21	0.0604	43.4	0.00226	0.00155	0.00000816	0.0117	0.0034	0.057	0

Appendix D.2-1: CP1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	781	0.787	2.98	0.0571	288	0.0938	110	0.00103	0.000675	0.00000615	0.00697	0.00974	0.104	0.0192	0.00000737	31.9	0.000039	0.00164	0.000222	0.00155	0.022	0.0000135	5.85	11.5	0.106	0.00166	173	0.00841	0.0442	0.000071	0.000528	0.000223	0.543	0.0000216	0.000963	0.000673	0.00228	0.000292
Operation (2026-2036): Mean	1990	3.17	11.3	0.154	843	0.209	297	0.00272	0.00115	0.0000125	0.0116	0.0237	0.29	0.0478	0.0000621	83	0.0000705	0.00527	0.000559	0.00334	0.0496	0.0000219	18.1	38	0.326	0.00485	521	0.0253	0.261	0.000189	0.00115	0.000764	1.56	0.0000722	0.00339	0.00214	0.00343	0.00117
Operation (2026-2036): Max	2890	5.38	26	0.248	1250	0.295	453	0.00526	0.00204	0.0000184	0.0171	0.0537	0.414	0.0694	0.000179	119	0.0000939	0.00802	0.000761	0.00497	0.104	0.0000317	26.9	56.7	0.526	0.0067	765	0.0379	2.22	0.000573	0.00159	0.00118	2.53	0.000133	0.00503	0.00447	0.00484	0.00214
2092 Jun	123	0.0677	0.0199	0.00223	17.8	0.0549	36.7	0.00186	0.00134	0.00000707	0.0101	0.00283	0.05	0.0347	0.00000735	34.5	0.0000312	0.00127	0.000476	0.00171	0.0957	0.0000159	3.37	6.49	0.0845	0.000913	6.75	0.00479	0.0681	0.000563	0.000397	0.000199	0.22	0.00000294	0.000394	0.00107	0.0025	0.0000257
2092 Jul	124	0.0648	0.0197	0.00232	17.4	0.056	38.2	0.00192	0.00136	0.00000718	0.0103	0.00288	0.0519	0.034	0.00000747	34.3	0.000032	0.0013	0.000464	0.00172	0.0944	0.0000162	3.43	6.55	0.0829	0.000936	6.64	0.00492	0.0684	0.000542	0.000411	0.000202	0.22	0.00000299	0.000408	0.00106	0.00256	0.0000277
2092 Aug	129	0.0651	0.0199	0.0024	17.5	0.0589	41.1	0.00198	0.00138	0.00000729	0.0104	0.00299	0.0558	0.0343	0.00000762	35.1	0.0000325	0.00139	0.000467	0.00178	0.0947	0.0000167	3.58	6.84	0.0841	0.001	6.7	0.00524	0.0689	0.000538	0.000425	0.000211	0.229	0.00000304	0.000414	0.00107	0.00258	0.0000295
2092 Sep	131	0.0652	0.0197	0.00244	17.2	0.0605	43.1	0.00199	0.00137	0.00000724	0.0104	0.00303	0.0583	0.0339	0.00000759	35.1	0.0000323	0.00145	0.00046	0.0018	0.0928	0.0000167	3.65	6.99	0.0833	0.00105	6.62	0.00543	0.068	0.000521	0.000429	0.000216	0.232	0.00000303	0.000461	0.00105	0.00255	0.000031
2092 Oct	132	0.0655	0.0195	0.00248	17.1	0.0615	44.8	0.00201	0.00135	0.0000072	0.0104	0.00308	0.0603	0.0336	0.00000756	35.2	0.0000324	0.00149	0.000457	0.00181	0.0917	0.0000167	3.72	7.11	0.0831	0.00108	6.56	0.00558	0.0674	0.000511	0.000433	0.00022	0.234	0.00000302	0.000478	0.00104	0.00253	0.0000325
2092 Nov	133	0.0657	0.0195	0.00248	17	0.0619	45.2	0.00201	0.00135	0.00000719	0.0104	0.00308	0.0609	0.0335	0.00000755	35.3	0.0000324	0.0015	0.000455	0.00182	0.0914	0.0000167	3.73	7.14	0.083	0.00109	6.55	0.00562	0.0673	0.000508	0.000435	0.000221	0.235	0.00000302	0.000483	0.00103	0.00252	0.0000327
2092 Dec	133	0.0658	0.0195	0.00248	17	0.0619	45.3	0.00201	0.00135	0.00000719	0.0104	0.00309	0.0609	0.0335	0.00000756	35.3	0.0000324	0.0015	0.000455	0.00182	0.0914	0.0000167	3.74	7.15	0.083	0.00109	6.55	0.00563	0.0673	0.000507	0.000435	0.000221	0.235	0.00000302	0.000483	0.00103	0.00252	0.0000328
2093 Jan	133	0.0658	0.0195	0.00249	17	0.0619	45.3	0.00201	0.00135	0.00000719	0.0104	0.00309	0.0609	0.0335	0.00000756	35.3	0.0000324	0.0015	0.000456	0.00182	0.0914	0.0000167	3.74	7.15	0.083	0.00109	6.55	0.00563	0.0673	0.000507	0.000435	0.000221	0.235	0.00000302	0.000483	0.00103	0.00252	0.0000329
2093 Feb	133	0.0658	0.0195	0.00249	17	0.0619	45.3	0.00202	0.00135	0.00000719	0.0104	0.00309	0.061	0.0335	0.00000756	35.3	0.0000324	0.00151	0.000456	0.00182	0.0914	0.0000167	3.74	7.15	0.083	0.00109	6.55	0.00563	0.0673	0.000507	0.000435	0.000221	0.235	0.00000302	0.000483	0.00103	0.00252	0.000033
2093 Mar	133	0.0659	0.0195	0.0025	17.1	0.062	45.5	0.00202	0.00135	0.0000072	0.0104	0.0031	0.0611	0.0336	0.00000757	35.4	0.0000325	0.00151	0.000457	0.00182	0.0915	0.0000168	3.75	7.17	0.0832	0.0011	6.56	0.00564	0.0674	0.000508	0.000436	0.000222	0.236	0.00000302	0.000484	0.00104	0.00253	0.0000332
2093 Apr	134	0.0661	0.0196	0.00251	17.1	0.0622	45.7	0.00203	0.00136	0.00000723	0.0104	0.00311	0.0613	0.0337	0.00000759	35.5	0.0000326	0.00151	0.000458	0.00183	0.0918	0.0000168	3.76	7.19	0.0835	0.0011	6.59	0.00566	0.0676	0.00051	0.000437	0.000222	0.237	0.00000303	0.000486	0.00104	0.00253	0.0000334
2093 May	136	0.0674	0.0201	0.00254	17.5	0.0625	46.1	0.00205	0.00137	0.00000729	0.0105	0.00316	0.0617	0.0345	0.00000766	36.3	0.0000329	0.00153	0.000473	0.00185	0.0941	0.000017	3.81	7.31	0.0861	0.00111	6.73	0.00571	0.0685	0.000532	0.000442	0.000226	0.241	0.00000306	0.000489	0.00107	0.00256	0.0000339
2093 Jun	132	0.0682	0.0213	0.00244	18.6	0.0574	40.4	0.00201	0.00141	0.0000074	0.0106	0.00305	0.0542	0.0367	0.00000772	36.8	0.0000333	0.00138	0.00051	0.00181	0.101	0.0000168	3.64	7	0.0915	0.000974	7.1	0.00518	0.0709	0.000609	0.000433	0.000216	0.236	0.00000309	0.000428	0.00115	0.00265	0.0000299
2093 Jul	135	0.0677	0.0215	0.00254	18.7	0.0591	42.3	0.00208	0.00143	0.00000756	0.0108	0.00315	0.0564	0.0369	0.00000789	37.4	0.0000341	0.00142	0.000512	0.00185	0.102	0.0000172	3.74	7.16	0.0922	0.00101	7.15	0.00536	0.0719	0.000607	0.000446	0.000223	0.24	0.00000316	0.000445	0.00116	0.00271	0.0000321
2093 Aug	139	0.0678	0.0217	0.00263	18.7	0.0614	45	0.00214	0.00145	0.00000765	0.0109	0.00325	0.0597	0.0372	0.00000801	38.1	0.0000346	0.0015	0.000515	0.0019	0.103	0.0000175	3.87	7.42	0.0934	0.00107	7.2	0.00563	0.0724	0.000606	0.00046	0.000231	0.248	0.0000032	0.000472	0.00117	0.00274	0.0000344
2093 Sep	142	0.0682	0.0217	0.00267	18.6	0.0628	46.8	0.00216	0.00144	0.00000764	0.0109	0.0033	0.0621	0.037	0.00000802	38.3	0.0000347	0.00155	0.000513	0.00192	0.102	0.0000176	3.95	7.58	0.0935	0.00111	7.16	0.00581	0.072	0.000597	0.000467	0.000236	0.251	0.00000321	0.000492	0.00116	0.00273	0.0000357
2093 Oct	137	0.0693	0.0205	0.0026	17.9	0.0622	46.1	0.00209	0.00138	0.00000736	0.0106	0.0032	0.0611	0.0353	0.00000773	36.8	0.0000334	0.00152	0.000485	0.00187	0.0965	0.0000171	3.84	7.35	0.0881	0.0011	6.87	0.00568	0.0696	0.000552	0.000445	0.000228	0.243	0.00000309	0.000485	0.00109	0.00259	0.0000351
2093 Nov	136	0.0705	0.0201	0.00258	17.7	0.0623	45.8	0.00208	0.00137	0.0000073	0.0106	0.00317	0.0608	0.0348	0.00000767	36.4	0.000033	0.00151	0.000475	0.00185	0.0949	0.0000169	3.8	7.28	0.0863	0.00111	6.79	0.00564	0.0692	0.000536	0.000438	0.000225	0.24	0.00000307	0.000483	0.00107	0.00255	0.0000349
2093 Dec	136	0.0706	0.0201	0.00258	17.7	0.0623	45.9	0.00208	0.00137	0.0000073	0.0106	0.00317	0.0608	0.0347	0.00000767	36.4	0.000033	0.00151	0.000475	0.00185	0.0948	0.0000169	3.8	7.28	0.0862	0.00111	6.79	0.00564	0.0692	0.000535	0.000437	0.000225	0.24	0.00000306	0.000483	0.00107	0.00255	0.0000349
2094 Jan	136	0.0706	0.0201	0.00258	17.7	0.0623	45.9	0.00208	0.00137	0.0000073	0.0106	0.00317	0.0609	0.0347	0.00000767	36.4	0.000033	0.00151	0.000475	0.00185	0.0948	0.0000169	3.81	7.28	0.0862	0.00111	6.79	0.00564	0.0692	0.000535	0.000437	0.000226	0.24	0.00000306	0.000484	0.00107	0.00255	0.000035
2094 Feb	136	0.0706	0.0201	0.00258	17.7	0.0624	45.9	0.00208	0.00137	0.0000073	0.0106	0.00318	0.0609	0.0348	0.00000767	36.4	0.000033	0.00151	0.000475	0.00186	0.0949	0.0000169	3.81	7.28	0.0863	0.00111	6.79	0.00564	0.0692	0.000535	0.000437	0.000226	0.24	0.00000307	0.000484	0.00107	0.00255	0.0000351
2094 Mar	136	0.0707	0.0201	0.00259	17.7	0.0624	46	0.00208	0.00137	0.0000073	0.0106	0.00318	0.0609	0.0348	0.00000767	36.5	0.0000331	0.00151	0.000476	0.00186	0.095	0.0000169	3.81	7.29	0.0864	0.00111	6.8	0.00565	0.0692	0.000535	0.000438	0.000226	0.241	0.00000307	0.000484	0.00107	0.00255	0.0000352
2094 Apr	137	0.0709	0.0202	0.0026	17.8	0.0625	46.1	0.00209	0.00138	0.00000732	0.0106	0.00319	0.0611	0.0349	0.00000769	36.6	0.0000331	0.00151	0.000477	0.00186	0.0952	0.000017	3.82	7.31	0.0866	0.00111	6.82	0.00566	0.0694	0.000536	0.000439	0.000227	0.241	0.00000308	0.000485	0.00107	0.00256	0.0000355
2094 May	139	0.0727	0.021	0.00261	18.5	0.0621	46	0.0021	0.00139	0.00000737	0.0107	0.00323	0.0606	0.0363	0.00000774	37.7	0.0000334	0.00152	0.000503	0.00189	0.0991	0.000017	3.87	7.43	0.0911	0.00111	7.06	0.00566	0.0704	0.000578	0.000443	0.00023	0.247	0.0000031	0.000482	0.00112	0.00258	0.0000354
2094 Jun	142	0.0771	0.023	0.00258	20.3	0.0596	43.8	0.0021	0.00142	0.00000748	0.0107	0.00328	0.057	0.04	0.00000782	40	0.0000339	0.00147	0.000568	0.00192	0.109	0.0000171	3.9	7.58	0.102	0.00105	7.66	0.00549	0.073	0.000689	0.000443	0.000234	0.255	0.00000313	0.000455	0.00124	0.00264	0.0000337
2094 Jul	148	0.0778	0.0235	0.00273	20.5	0.0624	47.2	0.0022	0.00145	0.00000767	0.011	0.00344	0.0611	0.0407	0.00000804	41.2	0.0000335	0.00156	0.000578	0.00199	0.111	0.0000176	4.09	7.93	0.104	0.00112	7.79	0.00583	0.0743	0.000695	0.000464	0.000246	0.266	0.00000322	0.000488	0.00126	0.00271	0.0000372
2094 Aug	154	0.0793	0.0241	0.00287	20.9	0.0656	50.5	0.0023	0.00148	0.00000789	0.0113	0.00359	0.065	0.0416	0.00000829	42.6	0.0000356	0.00166	0.00059	0.00207	0.113	0.0000182	4.28	8.3	0.107	0.00118	7.97	0.00616	0.076	0.000705	0.000484	0.000258	0.276	0.00000332	0.00052	0.00129	0.00278	0.0000402
2094 Sep	156	0.0795	0.0239	0.0029	20.7	0.0669	52.2	0.00231	0.00147	0.00000785	0.0113	0.00363	0.0673	0.0412	0.00000827	42.6	0.0000361	0.00171	0.000585	0.00209	0.112	0.0000183	4.35	8.43	0.107	0.00122	7.9	0.00633	0.0754	0.000692	0.00049	0.000262	0.279	0.00000331	0.000539	0.00128	0.00276	0.0000413
2094 Oct	154	0.0793	0.0231	0.00286	20.1	0.067	52.7	0.00227	0.00143	0.00000766	0.011	0.00359	0.068	0.0399	0.00000809	41.7	0.0000354	0.00171	0.000565	0.00206	0.108	0.000018	4.31	8.36	0.103	0.00124	7.66	0.00635	0.0734	0.000658	0.000482	0.000259	0.276	0.00000324	0.000546	0.00123	0.00267	0.0000415
2094 Nov	151	0.0791	0.0222	0.00279	19.5	0.0665	52.1	0.00221	0.00139	0.00000747	0.0108	0.0035	0.0673	0.0386	0.00000789	40.6	0.0000345	0.00169	0.000544	0.00202	0.104	0.0000176	4.22	8.19	0.0993	0.00123	7.43	0.00627	0.0716	0.000625	0.000468	0.000253	0.269	0.00000316	0.000541	0.00118	0.00259	0.0000404
2094 Dec	150	0.0793	0.022	0.00278	19.4	0.0664	51.8	0.0022	0.00139	0.00000745	0.0108	0.00349	0.0671	0.0384	0.00000787	40.4	0.0000344	0.00168	0.000541	0.00202	0.103	0.0000175	4.2	8.15	0.0987	0.00123	7.4	0.00624	0.0715	0.000621	0.000465	0.000252	0.268	0.00000315	0.000539	0.00117	0.00257	0.0000403
2095 Jan	150	0.0793	0.0221	0.00278	19.4	0.0664	51.9	0.0022	0.00139	0.00000744	0.0108	0.00349	0.0671	0.0384	0.00000787	40.4	0.0000344	0.00168	0.000541	0.00202	0.103	0.0000175	4.21	8.16	0.0987	0.00123	7.4	0.00625	0.0715	0.00062	0.000466	0.000252	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000403
2095 Feb	150	0.0793	0.0221	0.00278	19.5	0.0664	51.9	0.00221	0.00139	0.00000744	0.0108	0.00349	0.0671	0.0384	0.00000787	40.4	0.0000344	0.00168	0.000541	0.00202	0.103	0.0000175	4.21	8.16	0.0988	0.00123	7.41	0.00625	0.0715	0.000621	0.000466	0.000252	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000404
2095 Mar	150	0.0794	0.0221	0.00279	19.5	0.0664	52	0.00221	0.00139	0.00000745	0.0108	0.0035	0.0672	0.0385	0.00000787	40.5	0.0000344	0.00169	0.000541	0.00202	0.103	0.0000175	4.21	8.17	0.0989	0.00123	7.41	0.00625	0.0715	0.000621	0.000466	0.000252	0.268	0.00000315	0.00054	0.00117	0.00257	0.0000406
2095 Apr	151	0.0796	0.0222	0.0028	19.5	0.0666	52.2	0.00222	0.00139	0.00000747	0.0108	0.00351	0.0674	0.0386	0.00000789	40.6	0.0000345	0.00169	0.000543	0.00202	0.104	0.0000176	4.23	8.19	0.0992	0.00124	7.44	0.00627	0.0717	0.000623	0.000467	0.000253	0.269	0.00000316	0.000541	0.00118	0.00258	0.0000409
2095 May	152	0.0813	0.0229	0.00284	20.1	0.0661	51.9	0.00225	0.00141	0.00000755	0.0109	0.00356	0.0665	0.0398	0.00000797	41.5	0.0000348	0.00168	0.000563	0.00204	0.107	0.0000177	4.26	8.26	0.103	0.00123	7.65	0.00622	0.0728	0.000656	0.000469	0.000256	0.273	0.00000319	0.000535	0.00121	0.00261	0.0000415
2095 Jun	153	0.0839	0.024	0.00284	21.1	0.0641	49.7	0.00226	0.00144	0.00000768	0.011	0.00357	0.0631	0.0417	0.00000803	42.6	0.0000349	0.00162	0.000596	0.00204	0.113	0.0000176	4.22	8.22	0.108	0.00118	7.99	0.006	0.0746	0.000714	0.000464	0.000255	0.274	0.00000322	0.000597	0.00128	0.00265	0.0000409
2095 Jul	158	0.0847	0.0244	0.00295	21.4	0.0666	52.4	0.00234	0.00147	0.00000781	0.0112	0.00369	0.0665	0.0423	0.00000824	43.6	0.0000359	0.0017	0.000605	0.00211	0.114	0.0000182	4.38	8.52	0.11	0.00123	8.11	0.00628	0.076	0.00072	0.000482	0.000265	0.283	0.0000033	0.000535	0.0013	0.00271	0.0000432
2095 Aug	159	0.0836	0.0242	0.00299	21.1	0.0679	54.2	0.00235	0.00146	0.00000777	0.0112	0.00373	0.0688	0.0419	0.00000822	43.6	0.0000358	0.00174	0.000598	0.00212	0.113	0.0000182	4.45	8.64	0.109	0.00127	8.03	0.00645	0.0751	0.000706	0.000488	0.000269	0.285	0.00000329	0.000553	0.00128	0.0027	0.0000445
2095 Sep	161	0.0832	0.024	0.00304	20.9	0.069	55.8	0.00238	0.00145	0.00000775	0.0111	0.00378	0.0706	0.0415	0.0000082	43.6	0.0000357	0.00178	0.000592	0.00213	0.111	0.0000182	4.5	8.73	0.108	0.0013	7.96	0.00658	0.0744	0.000691	0.000491	0.000273	0.287	0.00000329	0.000568	0.00126	0.00268	0.0000464
2095 Oct	163	0.0834	0.0241	0.00312	20.8	0.07	57.7	0.00243	0.00144	0.00000775	0.0111	0.00385	0.0726	0.0414	0.00000822	43.9	0.0000359	0.00183	0.000591	0.00215	0.111	0.0000183	4.58	8.87	0.109	0.00134	7.95	0.00673	0.0742	0.000686	0.000498	0.000278	0.291	0.0000033	0.000584	0.00126	0.00267	0.0000487
2095 Nov	163	0.0844	0.0239	0.00315	20.7	0.0706	58.3	0.00243	0.00144	0.00000774	0.0112	0.00386	0.0733	0.0411	0.00000822	43.9	0.0000359	0.00184	0.000585	0.00215	0.11	0.0000183	4.6	8.89	0.108	0.00136	7.91	0.00677	0.0741	0.000674	0.000497	0.000279	0.291	0.0000033	0.000589	0.00125	0.00266	0.0000497
2095 Dec	163	0.0846	0.0238	0.00314	20.6	0.0706	58.2	0.00244	0.00144	0.00000772	0.0112	0.00385	0.0731	0.041	0.0000082	43.7	0.0000358	0.00183	0.000583	0.00215	0.109	0.0000183	4.58	8.86	0.107	0.00136	7.89	0.00675	0.074	0.00067	0.000495	0.000278	0.29	0.00000329	0.000588	0.00124	0.00265	0.0000495
2096 Jan	163	0.0847	0.0238	0.00314	20.6	0.0706	58.2	0.00244	0.00144	0.00000772	0.0112	0.00385	0.0731	0.041	0.0000082	43.7	0.0000358	0.00183	0.000583	0.00215	0.109	0.0000183	4.59	8.86	0.107	0.00136	7.89	0.00675	0.074	0.00067	0.000495	0.000278	0.29	0.00000329	0.000588	0.00124	0.00265	0.0000496
2096 Feb	163	0.0847	0.0238	0.00315	20.7	0.0707	58.2	0.00244	0.00144	0.00000772	0.0112	0.00386	0.0731	0.041	0.0000082	43.8	0.0000358	0.00183	0.000583	0.00215	0.109	0.0000183	4.59	8.87	0.107	0.00136	7.9	0.00676	0.074	0.00067	0.000495	0.000278	0.29	0.00000329	0.000588	0.00124	0.00265	0.0000497
2096 Mar	163	0.0848	0.0238	0.00315	20.7	0.0707	58.3	0.00244	0.00144	0.00000773	0.0112	0.00386	0.0732	0.041	0.00000821	43.8	0.0000358	0.00184	0.000584	0.00215	0.109	0.0000183	4.59	8.87	0.108	0.00136	7.91	0.00676	0.074	0.00067	0.000495	0.000278	0.29	0.00000329	0.000589	0.00124	0.00265	0.0000498
2096 Apr	164	0.085	0.0239	0.00316	20.7	0.0709	58.4	0.00245	0.00144	0.00000775	0.0112	0.00387	0.0734	0.0411	0.00000823	43.9	0.0000359	0.00184	0.000585	0.00216	0.11	0.0000183	4.61	8.9	0.108	0.00136	7.93	0.00677	0.0742	0.000672	0.000497	0.000279	0.291	0.0000033	0.00059	0.00125	0.00266	0.0000501
2096 May	166	0.0856	0.0242	0.00318	20.9	0.0714	59.3	0.00247	0.00145	0.00000778	0.0112	0.00391	0.0745	0.0416	0.00000827	44.5	0.0000362	0.00187	0.000595	0.00218	0.111	0.0000185	4.67	9.03	0.11	0.00138	8	0.00688	0.0746	0.000685	0.000503	0.000283	0.295	0.0000332	0.0006	0.00127	0.00267	0.0000504
2096 Jun	147	0.0732	0.0223	0.00286	19.2	0.0636	49.1	0.00228	0.00147	0.00000779	0.0113	0.00346	0.0638	0.0382	0.00000819	39.8	0.0000363	0.0016	0.000534	0.00197	0.105	0.000018	4.1	7.84	0.0976	0.00115	7.4	0.00596	0.0741	0.000622	0.000483	0.000246	0.26	0.00000328	0.000506	0.00122	0.0028	0.0000404
2096 Jul	148	0.0709	0.0223	0.00296	19	0.0646	49.6	0.00236	0.00152	0.00000803	0.0117	0.00351	0.0646	0.0378	0.00000844	39.7	0.0000374	0.00161	0.000523	0.00198	0.105	0.0000185	4.13	7.82	0.0958	0.00116	7.37	0.00601	0.0757	0.000603	0.000497	0.000248	0.259	0.00000338	0.00051	0.00122	0.00291	0.0000419
2096 Aug	152	0.0717	0.0226	0.00307	19.2	0.0669	51.8	0.00244	0.00154	0.00000818	0.0118	0.00362	0.0673	0.0383	0.00000861	40.6	0.000038	0.00167	0.000529	0.00203	0.106	0.0000189	4.26	8.05	0.0972	0.0012	7.48	0.00622	0.0768	0.000605	0.000508	0.000256	0.266	0.00000345	0.000531	0.00123	0.00296	0.0000444
2096 Sep	151	0.0721	0.0219	0.00302	18.8	0.0673	52.2	0.0024	0.00151	0.00000803	0.0117	0.00358	0.0679	0.0374	0.00000846	39.9	0.0000372	0.00168	0.000513	0.00201	0.103	0.0000186	4.23	8	0.0944	0.00122	7.31	0.00624	0.0753	0.000578	0.000499	0.000254	0.263	0.00000339	0.000537	0.00119	0.00288	0.000444
2096 Oct	145	0.0737	0.0206	0.00292	18	0.0664	50.8	0.00231	0.00145	0.00000771	0.0113	0.00345	0.0662	0.0355	0.00000813	38.2	0.0000356	0.00162	0.000482	0.00195	0.0972	0.0000179	4.08	7.7	0.0883	0.00121	6.99	0.00604	0.0726	0.000528	0.000472	0.000243	0.252	0.00000326	0.000524	0.00111	0.00272	0.0000427
2096 Nov	145	0.0741	0.0205	0.00292	18	0.0665	50.9	0.00231	0.00144	0.0000077	0.0113	0.00344	0.0662	0.0353	0.00000812	38.1	0.0000355	0.00162	0.000479	0.00195	0.0967	0.0000179	4.07	7.69	0.0878	0.00121	6.97	0.00604	0.0725	0.000524	0.00047	0.000243	0.252	0.00000325	0.000525	0.0011	0.00271	0.0000428
2096 Dec	145	0.0741	0.0205	0.00292	18	0.0665	50.9	0.00231	0.00144	0.00000769

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
Active Closure (2037-2043): Min	1940	0.612	2.1	0.0379	503	0.375	724	0.000237	0.000237	0.00000754	0.0165	0.0115	0.622	0.072	0.0000164	174	0.000124	0.0168	0.000827	0.00352	0.0383	0.000055	30.7	87.4	0.276	0.00958	328	0.0533	0.0175	0.000133	0.00283	0.00143	1.69	0.00000558	0.0105	0.00197	0.00386	
Active Closure (2037-2043): Mean	3010	1.12	3.91	0.0698	928	0.525	1030	0.000666	0.000666	0.00000946	0.0207	0.0158	0.886	0.0929	0.000021	239	0.000168	0.024	0.00108	0.00457	0.0692	0.0000738	43.3	124	0.367	0.0136	608	0.0756	0.0371	0.000369	0.00396	0.002	2.36	0.00000704	0.015	0.00245	0.00489	
Active Closure (2037-2043): Max	4010	1.7	6.01	0.107	1420	0.623	1240	0.000844	0.000844	0.0000107	0.024	0.019	1.06	0.116	0.0000245	289	0.0002	0.0287	0.0014	0.00552	0.0984	0.000087	51.8	148	0.458	0.0163	932	0.0903	0.0444	0.00067	0.00471	0.0024	2.84	0.00000817	0.0179	0.00307	0.0056	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Post Closure (2044-2099): Min	693	0.0229	0.00675	0.000414	6	0.241	460	0.000365	0.000365	0.00000583	0.0115	0.00761	0.396	0.0538	0.000011	116	0.0000819	0.0108	0.000618	0.00242	0.0436	0.0000361	19.9	56.1	0.191	0.00614	2.31	0.0341	0.0221	0.000176	0.00183	0.000925	1.1	0.00000378	0.00667	0.00147	0.00275	
Post Closure (2044-2099): Mean	1280	0.121	0.326	0.00625	83.4	0.41	802	0.000631	0.000631	0.00000791	0.017	0.0124	0.688	0.0758	0.0000169	188	0.000133	0.0186	0.000894	0.00367	0.0639	0.0000584	33.7	96.4	0.293	0.0106	52.3	0.0588	0.0354	0.000357	0.00309	0.00156	1.85	0.00000569	0.0117	0.00201	0.00399	
Post Closure (2044-2099): Max	2510	0.746	2.57	0.0461	613	0.582	1160	0.000905	0.000905	0.0000102	0.0223	0.0175	0.993	0.103	0.0000224	265	0.000185	0.0269	0.00126	0.00494	0.0925	0.0000804	48.4	139	0.407	0.0153	400	0.0847	0.0482	0.000671	0.0044	0.00223	2.64	0.00000749	0.0169	0.00276	0.00532	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	7710	4.56	16.2	0.288	3830	0.485	951	0.000382	0.000382	0.00000755	0.018	0.0142	0.814	0.0781	0.0000182	214	0.000149	0.022	0.000869	0.00403	0.0399	0.0000656	39.5	113	0.313	0.0127	2520	0.0692	0.0247	0.000115	0.00354	0.00181	2.14	0.00000602	0.0138	0.00191	0.00384	
2026 Feb	7680	4.55	16.2	0.287	3820	0.483	948	0.000384	0.000384	0.00000754	0.0179	0.0142	0.812	0.0781	0.0000182	214	0.000148	0.0219	0.00087	0.00403	0.0405	0.0000654	39.3	113	0.313	0.0126	2510	0.069	0.0249	0.000118	0.00353	0.00181	2.14	0.00000601	0.0138	0.00191	0.00384	
2026 Mar	7680	4.55	16.2	0.287	3820	0.483	948	0.000385	0.000385	0.00000755	0.0179	0.0143	0.812	0.0783	0.0000182	214	0.000149	0.0219	0.000873	0.00403	0.0409	0.0000655	39.3	113	0.314	0.0126	2510	0.069	0.025	0.00012	0.00353	0.00181	2.14	0.00000601	0.0138	0.00191	0.00384	
2026 Apr	7750	4.59	16.3	0.29	3850	0.487	956	0.000388	0.000388	0.00000761	0.0181	0.015	0.819	0.079	0.0000183	216	0.00015	0.0221	0.000882	0.00407	0.0414	0.000066	39.7	114	0.317	0.0127	2530	0.0696	0.0252	0.000123	0.00356	0.00182	2.16	0.00000606	0.0139	0.00193	0.00387	
2026 May	8270	4.9	17.4	0.309	4120	0.518	1020	0.000373	0.000373	0.00000792	0.0189	0.016	0.874	0.0837	0.0000194	230	0.000159	0.0236	0.000936	0.0043	0.0423	0.0000701	42.3	121	0.338	0.0136	2700	0.0742	0.0245	0.00013	0.0038	0.00195	2.3	0.00000639	0.0148	0.00206	0.00409	
2026 Jun	5240	3.08	11	0.196	2600	0.331	645	0.00063	0.00063	0.00000698	0.0148	0.0101	0.555	0.0562	0.0000142	148	0.000111	0.015	0.000624	0.00289	0.042	0.0000482	27	77	0.22	0.00853	1710	0.0473	0.0314	0.000135	0.00252	0.00125	1.47	0.00000482	0.00938	0.00154	0.00356	
2026 Jul	7470	4.39	15.7	0.279	3720	0.465	921	0.000479	0.000479	0.00000787	0.0178	0.0141	0.79	0.0751	0.0000182	207	0.000149	0.0213	0.000842	0.00386	0.0416	0.0000647	38.3	110	0.307	0.0121	2440	0.0672	0.025	0.000149	0.00352	0.00176	2.07	0.00000605	0.0134	0.00198	0.00423	
2026 Aug	11000	6.5	23.3	0.413	5500	0.677	1360	0.000138	0.000138	0.00000879	0.022	0.0201	1.16	0.105	0.0000241	301	0.000207	0.0315	0.00119	0.00536	0.0364	0.0000902	56.2	162	0.445	0.0179	3610	0.0989	0.0104	0.000152	0.00507	0.00259	3.04	0.00000782	0.0198	0.00264	0.00507	
2026 Sep	12000	7.05	25.3	0.448	5970	0.731	1480	0.0000435	0.0000435	0.00000901	0.0234	0.0217	1.26	0.112	0.0000256	325	0.000224	0.0341	0.00128	0.00574	0.0355	0.0000968	60.9	175	0.482	0.0194	3920	0.107	0.00693	0.000159	0.0055	0.0028	3.3	0.00000828	0.0215	0.00285	0.00537	
2026 Oct	9190	5.43	19.4	0.343	4570	0.57	1130	0.000261	0.000261	0.00000804	0.0199	0.0168	0.97	0.0897	0.0000208	253	0.000175	0.0262	0.00101	0.00462	0.038	0.0000764	46.9	135	0.371	0.015	3000	0.0824	0.0187	0.000126	0.00422	0.00215	2.54	0.00000679	0.0165	0.00223	0.00437	
2026 Nov	8730	5.16	18.4	0.326	4340	0.544	1080	0.000307	0.000307	0.00000793	0.0194	0.016	0.921	0.0862	0.00002	241	0.000167	0.0249	0.000964	0.00445	0.0389	0.0000731	44.6	128	0.353	0.0143	2850	0.0783	0.0211	0.000121	0.004	0.00205	2.42	0.00000657	0.0156	0.00213	0.00421	
2026 Dec	8630	5.1	18.2	0.323	4290	0.538	1070	0.000316	0.000316	0.0000079	0.0193	0.0158	0.911	0.0854	0.0000198	238	0.000165	0.0246	0.000955	0.00441	0.039	0.0000724	44.1	127	0.349	0.0141	2820	0.0774	0.0216	0.00012	0.00396	0.00203	2.39	0.00000652	0.0155	0.00211	0.00418	
2027 Jan	8580	5.07	18.1	0.321	4270	0.535	1060	0.00032	0.00032	0.00000788	0.0192	0.0157	0.906	0.0852	0.0000198	237	0.000165	0.0244	0.000952	0.00439	0.0394	0.0000721	43.8	126	0.348	0.014	2800	0.0769	0.0218	0.000121	0.00394	0.00201	2.38	0.00000649	0.0154	0.0021	0.00416	
2027 Feb	8550	5.06	18	0.32	4250	0.533	1060	0.000322	0.000322	0.00000787	0.0191	0.0157	0.903	0.0851	0.0000197	236	0.000164	0.0244	0.000953	0.00438	0.04	0.0000718	43.7	125	0.347	0.014	2790	0.0767	0.022	0.000124	0.00392	0.00201	2.37	0.00000648	0.0153	0.0021	0.00415	
2027 Mar	8540	5.05	18	0.319	4250	0.533	1050	0.000324	0.000324	0.00000788	0.0191	0.0157	0.902	0.0852	0.0000197	236	0.000164	0.0243	0.000955	0.00438	0.0404	0.0000718	43.6	125	0.347	0.014	2790	0.0766	0.0222	0.000126	0.00392	0.00201	2.37	0.00000648	0.0153	0.00211	0.00415	
2027 Apr	8630	5.11	18.2	0.323	4300	0.539	1070	0.000329	0.000329	0.00000797	0.0194	0.0158	0.911	0.0862	0.0000199	239	0.000166	0.0246	0.000968	0.00443	0.0411	0.0000726	44.1	127	0.351	0.0141	2820	0.0774	0.0225	0.00013	0.00396	0.00203	2.39	0.00000655	0.0155	0.00213	0.0042	
2027 May	9530	5.63	20.1	0.356	4740	0.591	1180	0.000284	0.000284	0.00000841	0.0207	0.0176	1.01	0.0938	0.0000216	263	0.000182	0.0272	0.00106	0.00482	0.0415	0.0000794	48.6	140	0.387	0.0156	3120	0.0855	0.0203	0.000141	0.00438	0.00224	2.64	0.00000707	0.0171	0.00234	0.00455	
2027 Jun	3730	2.19	7.84	0.139	1850	0.24	459	0.000717	0.000717	0.00000631	0.0125	0.00744	0.398	0.0427	0.0000114	108	0.0000851	0.0107	0.000468	0.00221	0.0406	0.000037	19.5	55.1	0.16	0.00608	1220	0.0339	0.0341	0.000123	0.00186	0.000897	1.05	0.00000397	0.00669	0.00123	0.00312	
2027 Jul	4410	2.59	9.26	0.165	2190	0.282	542	0.000719	0.000719	0.00000681	0.0137	0.00878	0.469	0.0489	0.0000129	126	0.0000972	0.0126	0.000537	0.00253	0.0424	0.0000424	22.9	64.9	0.187	0.00716	1440	0.0399	0.0341	0.000132	0.00217	0.00105	1.24	0.00000443	0.00789	0.00138	0.00342	
2027 Aug	10100	5.96	21.4	0.379	5050	0.622	1250	0.00022	0.00022	0.00000854	0.0211	0.0186	1.07	0.0967	0.0000226	277	0.000193	0.0289	0.0011	0.00496	0.0377	0.0000837	51.6	148	0.41	0.0164	3320	0.0909	0.0139	0.000155	0.00469	0.00238	2.8	0.00000737	0.0182	0.0025	0.00492	
2027 Sep	10500	6.17	22.1	0.391	5210	0.643	1290	0.000164	0.000164	0.00000849	0.0215	0.019	1.1	0.0999	0.000023	286	0.000197	0.0298	0.00113	0.00513	0.0369	0.0000857	53.2	153	0.422	0.017	3420	0.0937	0.0133	0.000142	0.0048	0.00245	2.89	0.00000747	0.0188	0.00252	0.00483	
2027 Oct	10800	6.36	22.8	0.404	5370	0.662	1330	0.000135	0.000135	0.0000086	0.0219	0.0195	1.14	0.103	0.0000235	294	0.000203	0.0307	0.00116	0.00526	0.0367	0.0000881	54.9	158	0.435	0.0175	3530	0.0967	0.0121	0.000145	0.00495	0.00253	2.97	0.00000764	0.0194	0.00259	0.00494	
2027 Nov	10500	6.21	22.2	0.394	5250	0.648	1300	0.000163	0.000163	0.00000854	0.0217	0.0191	1.11	0.101	0.0000231	288	0.000199	0.03	0.00114	0.00517	0.0373	0.0000863	53.6	154	0.425	0.0171	3450	0.0944	0.0136	0.000142	0.00484	0.00247	2.91	0.00000752	0.0189	0.00254	0.00486	
2027 Dec	10500	6.17	22.1	0.391	5210	0.644	1290	0.000169	0.000169	0.00000852	0.0216	0.019	1.1	0.1	0.0000233	286	0.000198	0.0298	0.00113	0.00514	0.0373	0.0000858	53.3	153	0.422	0.017	3420	0.0937	0.0139	0.000141	0.0048	0.00245	2.89	0.00000749	0.0188	0.00252	0.00483	
2028 Jan	10400	6.13	21.9	0.389	5180	0.64	1280	0.000174	0.000174	0.0000085	0.0215	0.0189	1.1	0.0996	0.0000229	284	0.000196	0.0296	0.00113	0.00512	0.0378	0.0000853	52.9	152	0.42	0.0169	3400	0.0931	0.0142	0.000143	0.00477	0.00244	2.87	0.00000745	0.0186	0.00251	0.00481	
2028 Feb	10400	6.11	21.9	0.387	5160	0.637	1280	0.000178	0.000178	0.00000849	0.0214	0.0188	1.09	0.0995	0.0000228	283	0.000196	0.0295	0.00113	0.0051	0.0383	0.000085	52.7	152	0.419	0.0168	3390	0.0928	0.0144	0.000146	0.00476	0.00243	2.86	0.00000743	0.0186	0.00251	0.0048	
2028 Mar	10300	6.1	21.8	0.387	5150	0.636	1280	0.00018	0.00018	0.00000848	0.0214	0.0188	1.09	0.0995	0.0000228	283	0.000195	0.0295	0.00113	0.0051	0.0387	0.0000848	52.6	151	0.419	0.0168	3380	0.0926	0.0146	0.000148	0.00475	0.00242	2.85	0.00000742	0.0185	0.00251	0.00479	
2028 Apr	10400	6.13	21.9	0.389	5170	0.639	1280	0.000182	0.000182	0.00000853	0.0215	0.0189	1.1	0.1	0.0000229	284	0.000196	0.0296	0.00114	0.00513	0.0393	0.0000853	52.9	152	0.421	0.0169	3400	0.0931	0.0148	0.000151	0.00477	0.00243	2.87	0.00000746	0.0186	0.00252	0.00482	
2028 May	10700	6.3	22.5	0.399	5320	0.659	1320	0.000185	0.000185	0.00000878	0.0221	0.0196	1.13	0.103	0.0000236	293	0.000202	0.0305	0.00117	0.00528	0.0405	0.0000879	54.5	157	0.434	0.0174	3490	0.0959	0.0151	0.000156	0.00492	0.00251	2.96	0.00000768	0.0192	0.0026	0.00496	
2028 Jun	4000	2.32	8.31	0.148	1960	0.268	515	0.000671	0.000671	0.00000641	0.013	0.00835	0.445	0.0466	0.0000122	120	0.0000924	0.012	0.000513	0.0024	0.0402	0.0000402	21.7	61.7	0.178	0.00682	1290	0.0379	0.0324	0.000124	0.00206	0.001	1.18	0.00000419	0.0075	0.00132	0.00322	
2028 Jul	3730	2.13	7.64	0.136	1800	0.267	512	0.000719	0.000719	0.00000663	0.0132	0.00836	0.442	0.0466	0.0000124	119	0.0000923	0.0119	0.00051	0.00241	0.0418	0.0000404	21.6	61.3	0.177	0.00676	1180	0.0377	0.034	0.000129	0.00205	0.000996	1.17	0.00000426	0.00744	0.00132	0.00329	
2028 Aug	7070	4.06	14.5	0.258	3430	0.49	973	0.000465	0.000465	0.00000811	0.0185	0.015	0.834	0.0786	0.000019	218	0.000156	0.0225	0.000882	0.00404	0.0417	0.000068	40.4	116	0.323	0.0128	2250	0.0709	0.0241	0.000151	0.00371	0.00186	2.19	0.00000631	0.0141	0.00208	0.00441	
2028 Sep	9060	5.21	18.7	0.33	4400	0.621	1250	0.000226	0.000226	0.00000854	0.0211	0.0186	1.07	0.0969	0.0000225	276	0.000192	0.0288	0.0011	0.00498	0.0382	0.0000835	51.5	148	0.409	0.0164	2890	0.0906	0.0152	0.000149	0.00467	0.00237	2.79	0.00000736	0.0181	0.00248	0.00486	
2028 Oct	5420	3.16	11.1	0.197	2630	0.39	746	0.000521	0.000521	0.00000703	0.016	0.0114	0.641	0.0649	0.0000154	171	0.00012	0.0173	0.000707	0.00338	0.0414	0.0000536	31.2	89	0.247	0.01	1730	0.0544	0.0324	0.0000895	0.00277	0.00143	1.69	0.00000516	0.0108	0.00153	0.00325	
2028 Nov	5830	3.39	12	0.213	2830	0.417	803	0.000491	0.000491	0.00000722	0.0167	0.0122	0.689	0.0687	0.0000162	183	0.000128	0.0186	0.000752	0.00357	0.0413	0.0000571	33.5	95.7	0.265	0.0108	1860	0.0585	0.0308	0.0000951	0.00299	0.00154	1.82	0.00000542	0.0117	0.00164	0.00343	
2028 Dec	5770	3.35	11.8	0.21	2800	0.412	794	0.000498	0.000498	0.0000072	0.0166	0.012	0.681	0.0681	0.0000161	181	0.000127	0.0183	0.000745	0.00354	0.0414	0.0000565	33.1	94.6	0.262	0.0107	1840	0.0578	0.0312	0.0000942	0.00295	0.00152	1.8	0.00000538	0.0115	0.00162	0.0034	
2029 Jan	5730	3.33	11.8	0.209	2780	0.41	789	0.000501	0.000501	0.00000718	0.0165	0.012	0.677	0.0679	0.000016	181	0.000126	0.0182	0.000743	0.00353	0.0418	0.0000563	32.9	94.1	0.261	0.0106	1830	0.0575	0.0314	0.0000957	0.00294	0.00151	1.79	0.00000536	0.0115	0.00162	0.00339	
2029 Feb	5720	3.32	11.7	0.208	2770	0.409	787	0.000502	0.000502	0.00000718	0.0165	0.012	0.675	0.0679	0.000016	180	0.000126	0.0182	0.000745	0.00352	0.0422	0.0000561	32.8	93.9	0.261	0.0106	1820	0.0574	0.0315	0.0000983	0.00293	0.00151	1.79	0.00000535	0.0114	0.00162	0.00338	
2029 Mar	5710	3.32	11.7	0.208	2770	0.408	786	0.000504	0.000504	0.00000718	0.0165	0.0119	0.674	0.068	0.000016	180	0.000126	0.0182	0.000746	0.00352	0.0425	0.0000561	32.8	93.7	0.261	0.0106	1820	0.0573	0.0316	0.0001	0.00292	0.0015	1.78	0.00000534	0.0114	0.00162	0.00338	
2029 Apr	5710	3.32	11.7	0.208	2770	0.409	787	0.000506	0.000506	0.00000719	0.0165	0.012	0.675	0.0681	0.000016	180	0.000126	0.0182	0.000749	0.00353	0.0428	0.0000561	32.8	93.8	0.262	0.0106	1820	0.0573	0.0317	0.0000102	0.00293	0.00151	1.78	0.00000535	0.0114	0.00163	0.00338	
2029 May	6110	3.54	12.5	0.222	2960	0.44	853	0.000478	0.000478	0.00000745	0.0173	0.0129	0.731	0.0727	0.0000017	194	0.000136	0.0197	0.000803	0.00376	0.0431	0.0000602	35.5	102	0.283	0.0114	1940	0.0622	0.0303	0.000109	0.00317	0.00163	1.93	0.00000567	0.0124	0.00175	0.00359	
2029 Jun	5480	3.1	11.1	0.196	2610	0.414	815	0.000511	0.000511	0.00000739	0.0166	0.0127	0.699	0.0679	0.0000165	184	0.000133	0.0189	0.000757	0.0035	0.0409	0.0000581	33.9	97.1	0.272	0.0108	1710	0.0595	0.0275	0.000131	0.00311	0.00156	1.84	0.00000553	0.0118	0.00178	0.00386	
2029 Jul	9140	1.92	6.87	0.122	1620	0.275	526	0.000701	0.000701	0.00000663	0.0131	0.0084	0.454	0.0476	0.0000125	122	0.0000932	0.0122	0.000521	0.00247	0.0416	0.0000412	22.2	63	0.181	0.00696	1070	0.0387	0.0333	0.000129	0.00209	0.00102	1.2	0.00000431	0.00766	0.00132	0.00326	
2029 Aug	8350	4.67	16.7	0.297	3950	0.637	1280	0.000199	0.000199	0.00000861	0.0212	0.019	1.09	0.099	0.000023	283	0.000196	0.0296	0.00112	0.00508	0.0372	0.0000854	52.8	152	0.419	0.0168	2590	0.093	0.013	0.000151	0.00478	0.00243	2.86	0.00000749	0.0186	0.00252	0.00491	
2029 Sep	9140	5.11	18.3	0.325	4320	0.695	1400	0.0001	0.0001	0.00000884	0.0226	0.0207	1.2	0.107	0.0000246	309	0.000213	0.0324	0.00122	0.00549	0.0363	0.0000923	57.7	166	0.457	0.0184	2840	0.102	0.00968	0.000153	0.00522	0.00266	3.13	0.00000796	0.0204	0.00272	0.00517	
2029 Oct	9050	5.07	18.1	0.321	4280	0.688	1390	0.0000975	0.0000975	0.00000874	0.0225	0.0204	1.19	0.106	0.0000243	306	0.000211	0.032	0.00121	0.00544	0.0361	0.0000914	57.2	165	0.453	0.0182	2810	0.101	0.01	0.000151	0.00516	0.00263	3.1	0.00000788	0.0202	0.00269	0.00511	
2029 Nov	7580	4.25	15.2	0.269	3580	0.583	1160	0.000239	0.000239	0.00000801	0.0201	0.0172	0.994	0.0915	0.0000211	258	0.000179	0.0268	0.00103	0.00471	0.0392	0.000078	48	138	0.38	0.0154	2350	0.0844	0.0175	0.000129	0.00432	0.00221	2.6	0.00000691	0.0169	0.00228	0.00444	
2029 Dec	7500	4.21	15	0.266	3540	0.577	1150	0.000248	0.000248	0.00000807	0.02	0.017	0.983	0.0906	0.000021	256	0.000177	0.0265	0.00102	0.00467	0.0378	0.0000773	47.5	136	0.376	0.0152	2330	0.0835	0.018	0.000128	0.00427	0.00218	2.57	0.00000685	0.0167	0.00226	0.00441	
2030 Jan	7460	4.19	14.9	0.265	3520	0.574	1140	0.000252	0.000252	0.00000805	0.0199	0.0169	0.978	0.0904	0.0000209	255	0.000176	0.0264	0.00102	0.00465	0.0381	0.0000769	47.2	136	0.375	0.0151	2320	0.0831	0.0182	0.000129	0.00425	0.00217	2.56	0.00000683	0.

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2032 Jun	3800	1.95	6.97	0.124	1650	0.383	755	0.00053	0.00053	0.00000713	0.0157	0.0116	0.649	0.063	0.0000156	171	0.000125	0.0175	0.000704	0.00324	0.0396	0.0000544	31.5	90	0.254	0.00995	1080	0.0552	0.0269	0.000134	0.00292	0.00145	1.71	0.00000523	0.011	0.00171	0.00378	
2032 Jul	5480	2.77	9.92	0.176	2340	0.565	1140	0.000252	0.000252	0.00000801	0.0194	0.0168	0.971	0.0884	0.0000208	251	0.000176	0.0262	0.001	0.00454	0.0366	0.0000765	46.9	135	0.373	0.0149	1540	0.0825	0.0151	0.000148	0.00427	0.00216	2.54	0.00000679	0.0165	0.00229	0.00457	
2032 Aug	6420	3.25	11.6	0.206	2740	0.663	1330	0.000148	0.000148	0.00000866	0.0216	0.0196	1.14	0.102	0.0000236	294	0.000202	0.0308	0.00116	0.00525	0.0357	0.0000882	54.9	158	0.435	0.0175	1800	0.0967	0.0107	0.000146	0.00496	0.00253	2.98	0.00000767	0.0194	0.00258	0.00496	
2032 Sep	6710	3.39	12.2	0.215	2870	0.692	1390	0.000124	0.000124	0.0000089	0.0225	0.0206	1.19	0.107	0.0000245	307	0.000211	0.0322	0.00121	0.00547	0.0365	0.000092	57.4	165	0.455	0.0183	1880	0.101	0.0103	0.000151	0.00518	0.00264	3.11	0.00000796	0.0202	0.0027	0.00515	
2032 Oct	6860	3.47	12.4	0.22	2930	0.706	1420	0.000099	0.000099	0.00000896	0.0229	0.021	1.22	0.109	0.0000249	314	0.000216	0.0329	0.00124	0.00557	0.0366	0.0000937	58.6	169	0.465	0.0187	1930	0.103	0.00968	0.000154	0.0053	0.0027	3.18	0.00000808	0.0207	0.00276	0.00524	
2032 Nov	6720	3.4	12.2	0.216	2870	0.692	1400	0.00013	0.00011	0.00000884	0.0226	0.0205	1.19	0.107	0.0000245	307	0.000212	0.0322	0.00121	0.00548	0.0367	0.0000919	57.4	165	0.455	0.0183	1890	0.101	0.0105	0.000151	0.00519	0.00264	3.11	0.00000794	0.0203	0.0027	0.00514	
2032 Dec	6320	3.2	11.4	0.203	2700	0.653	1310	0.000155	0.000155	0.00000857	0.0217	0.0193	1.12	0.101	0.0000233	290	0.0002	0.0303	0.00115	0.0052	0.037	0.0000869	54.1	156	0.428	0.0173	1770	0.0952	0.013	0.000143	0.00488	0.00249	2.93	0.00000757	0.0191	0.00255	0.00489	
2033 Jan	6250	3.17	11.3	0.2	2670	0.645	1300	0.000165	0.000165	0.00000853	0.0216	0.0191	1.11	0.1	0.0000231	287	0.000198	0.0299	0.00114	0.00515	0.0377	0.000086	53.4	154	0.424	0.0171	1750	0.094	0.0136	0.000145	0.00482	0.00246	2.9	0.0000075	0.0188	0.00253	0.00485	
2033 Feb	6220	3.15	11.3	0.199	2660	0.643	1290	0.000169	0.000169	0.00000851	0.0215	0.019	1.1	0.1	0.000023	286	0.000197	0.0298	0.00114	0.00514	0.0384	0.0000857	53.2	153	0.423	0.017	1740	0.0936	0.0139	0.000149	0.0048	0.00245	2.88	0.00000748	0.0187	0.00253	0.00483	
2033 Mar	6220	3.15	11.3	0.199	2660	0.643	1290	0.000172	0.000172	0.00000853	0.0215	0.019	1.1	0.101	0.0000023	286	0.000197	0.0298	0.00114	0.00514	0.0389	0.0000857	53.2	153	0.424	0.017	1740	0.0936	0.0141	0.000152	0.0048	0.00245	2.89	0.00000748	0.0187	0.00254	0.00484	
2033 Apr	6290	3.19	11.4	0.202	2690	0.65	1310	0.000176	0.000176	0.00000864	0.0218	0.0192	1.12	0.102	0.0000233	289	0.0002	0.0301	0.00116	0.00521	0.0398	0.0000867	53.9	155	0.429	0.0172	1770	0.0948	0.0144	0.000155	0.00486	0.00248	2.92	0.00000758	0.019	0.00257	0.0049	
2033 May	5740	2.88	10.3	0.182	2420	0.611	1230	0.000246	0.000246	0.00000852	0.0209	0.0184	1.05	0.1	0.0000223	275	0.00019	0.0284	0.00117	0.00501	0.05	0.0000823	50.8	146	0.417	0.0161	1590	0.0892	0.0181	0.000271	0.00459	0.00234	2.76	0.00000728	0.0178	0.00257	0.00479	
2033 Jun	4530	2.23	7.94	0.141	1880	0.502	1000	0.00043	0.00043	0.0000081	0.0186	0.0154	0.858	0.089	0.0000193	231	0.00016	0.0232	0.00106	0.00431	0.062	0.0000695	41.9	120	0.359	0.0132	1230	0.0732	0.0266	0.00039	0.00381	0.00194	2.29	0.0000064	0.0146	0.00236	0.00439	
2033 Jul	5750	2.8	10	0.178	2370	0.644	1300	0.000264	0.000264	0.00000902	0.022	0.0195	1.11	0.105	0.0000236	290	0.000201	0.03	0.00121	0.00525	0.0508	0.000087	53.6	154	0.438	0.017	1550	0.0942	0.018	0.000279	0.00487	0.00247	2.91	0.0000077	0.0188	0.00272	0.00514	
2033 Aug	6670	3.24	11.6	0.206	2740	0.749	1520	0.0000991	0.0000991	0.00000951	0.0243	0.0224	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.0415	0.0000997	62.4	180	0.498	0.0199	1800	0.11	0.00989	0.000203	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2033 Sep	5780	2.81	10	0.178	2370	0.655	1320	0.00014	0.00014	0.00000853	0.0217	0.0193	1.13	0.101	0.0000233	291	0.00021	0.0304	0.00115	0.00522	0.0366	0.0000872	54.3	156	0.43	0.0173	1560	0.0956	0.0122	0.000145	0.0049	0.0025	2.94	0.0000075	0.0191	0.00256	0.0049	
2033 Oct	4980	2.44	8.65	0.153	2040	0.57	1130	0.000256	0.000256	0.00000802	0.0198	0.0167	0.97	0.0896	0.0000207	252	0.000175	0.0262	0.00101	0.00462	0.0379	0.0000764	46.9	135	0.371	0.015	1340	0.0824	0.0184	0.000126	0.00422	0.00216	2.54	0.00000679	0.0165	0.00223	0.00436	
2033 Nov	4860	2.38	8.42	0.149	1990	0.557	1110	0.000283	0.000283	0.00000798	0.0196	0.0163	0.945	0.0879	0.0000204	247	0.000171	0.0255	0.000986	0.00453	0.0385	0.0000747	45.7	131	0.362	0.0146	1310	0.0803	0.0199	0.000124	0.00411	0.0021	2.48	0.00000668	0.0161	0.00218	0.00429	
2033 Dec	4840	2.37	8.4	0.149	1980	0.555	1100	0.000286	0.000286	0.00000798	0.0196	0.0163	0.943	0.0877	0.0000203	246	0.000171	0.0255	0.000983	0.00452	0.0385	0.0000746	45.6	131	0.361	0.0146	1300	0.0801	0.02	0.000123	0.0041	0.0021	2.47	0.00000667	0.016	0.00218	0.00428	
2034 Jan	4840	2.37	8.39	0.149	1980	0.554	1100	0.000287	0.000287	0.00000797	0.0196	0.0163	0.941	0.0877	0.0000203	246	0.00017	0.0254	0.000983	0.00452	0.0386	0.0000745	45.5	131	0.361	0.0146	1300	0.08	0.0201	0.000124	0.00409	0.00209	2.47	0.00000666	0.016	0.00217	0.00428	
2034 Feb	4830	2.37	8.38	0.149	1980	0.554	1100	0.000288	0.000288	0.00000797	0.0196	0.0163	0.941	0.0877	0.0000203	245	0.00017	0.0254	0.000983	0.00452	0.0387	0.0000744	45.5	131	0.361	0.0146	1300	0.0799	0.0201	0.000124	0.00409	0.00209	2.47	0.00000666	0.016	0.00217	0.00427	
2034 Mar	4830	2.37	8.38	0.149	1980	0.554	1100	0.000288	0.000288	0.00000797	0.0196	0.0163	0.941	0.0877	0.0000203	246	0.00017	0.0254	0.000984	0.00452	0.0389	0.0000744	45.5	131	0.361	0.0146	1300	0.0799	0.0202	0.000125	0.00409	0.00209	2.47	0.00000666	0.016	0.00218	0.00427	
2034 Apr	4870	2.39	8.45	0.15	2000	0.559	1110	0.000291	0.000291	0.00000804	0.0197	0.0164	0.949	0.0885	0.0000205	248	0.000172	0.0256	0.000992	0.00456	0.0393	0.0000751	45.9	132	0.364	0.0147	1310	0.0806	0.0204	0.000126	0.00412	0.00211	2.49	0.00000672	0.0161	0.0022	0.00431	
2034 May	4870	2.38	8.42	0.149	1990	0.561	1110	0.000324	0.000324	0.00000824	0.02	0.0168	0.953	0.0906	0.0000207	250	0.000173	0.0257	0.00103	0.00462	0.0443	0.0000757	46.1	132	0.371	0.0147	1310	0.081	0.0223	0.000174	0.00415	0.00212	2.51	0.00000681	0.0162	0.00227	0.0044	
2034 Jun	3830	1.84	6.48	0.115	1530	0.456	902	0.000487	0.000487	0.00000778	0.0175	0.014	0.771	0.0834	0.0000179	210	0.000145	0.0209	0.000997	0.00401	0.0646	0.0000634	37.8	108	0.329	0.0119	1010	0.0659	0.0304	0.000401	0.00343	0.00175	2.07	0.00000595	0.0131	0.00218	0.00404	
2034 Jul	5270	2.45	8.77	0.155	2070	0.653	1310	0.000221	0.000221	0.00000889	0.0216	0.0194	1.12	0.102	0.0000236	290	0.0002	0.0302	0.00116	0.00524	0.0415	0.0000875	54.1	156	0.431	0.0172	1360	0.0952	0.0146	0.000179	0.00489	0.00249	2.93	0.00000769	0.019	0.00257	0.005	
2034 Aug	5860	2.72	9.74	0.173	2300	0.726	1460	0.00018	0.00018	0.00000958	0.0237	0.0217	1.25	0.112	0.0000026	322	0.000222	0.0337	0.00128	0.00578	0.042	0.0000968	60.1	173	0.478	0.0192	1510	0.106	0.013	0.00018	0.00544	0.00277	3.26	0.00000844	0.0212	0.00284	0.00547	
2034 Sep	5290	2.46	8.79	0.156	2070	0.656	1320	0.000152	0.000152	0.0000086	0.0218	0.0194	1.13	0.102	0.0000234	291	0.000201	0.0304	0.00115	0.00523	0.0372	0.0000874	54.3	156	0.431	0.0174	1360	0.0957	0.0129	0.000145	0.0049	0.0025	2.95	0.0000076	0.0192	0.00257	0.00491	
2034 Oct	4890	2.29	8.13	0.144	1920	0.609	1220	0.000208	0.000208	0.00000828	0.0208	0.0179	1.04	0.0952	0.000022	270	0.000187	0.0281	0.00107	0.0049	0.0375	0.0000814	50.3	145	0.399	0.0161	1260	0.0885	0.0159	0.000134	0.00453	0.00231	2.73	0.00000716	0.0177	0.00239	0.00462	
2034 Nov	4910	2.29	8.15	0.144	1920	0.611	1220	0.000216	0.000216	0.00000834	0.0209	0.018	1.04	0.0956	0.0000221	271	0.000188	0.0282	0.00108	0.00492	0.0379	0.0000817	50.4	145	0.4	0.0161	1260	0.0887	0.0164	0.000135	0.00455	0.00232	2.74	0.00000719	0.0178	0.00239	0.00463	
2034 Dec	4890	2.29	8.12	0.144	1920	0.61	1220	0.000219	0.000219	0.00000834	0.0208	0.0179	1.04	0.0954	0.000022	270	0.000187	0.0281	0.00107	0.00491	0.038	0.0000815	50.3	145	0.399	0.0161	1260	0.0885	0.0165	0.000135	0.00453	0.00231	2.73	0.00000718	0.0177	0.00239	0.00463	
2035 Jan	4890	2.28	8.11	0.144	1920	0.609	1220	0.00022	0.00022	0.00000833	0.0208	0.0179	1.04	0.0953	0.000022	270	0.000187	0.0281	0.00107	0.0049	0.0381	0.0000814	50.2	144	0.398	0.0161	1260	0.0884	0.0166	0.000135	0.00453	0.00231	2.72	0.00000717	0.0177	0.00239	0.00462	
2035 Feb	4880	2.28	8.1	0.144	1910	0.609	1220	0.000221	0.000221	0.00000833	0.0208	0.0179	1.04	0.0953	0.000022	270	0.000187	0.0281	0.00107	0.0049	0.0383	0.0000814	50.2	144	0.398	0.0161	1260	0.0883	0.0167	0.000136	0.00452	0.00231	2.72	0.00000717	0.0177	0.00239	0.00462	
2035 Mar	4880	2.28	8.1	0.144	1910	0.608	1220	0.000221	0.000221	0.00000833	0.0208	0.0179	1.04	0.0953	0.000022	270	0.000187	0.0281	0.00108	0.0049	0.0384	0.0000814	50.2	144	0.398	0.016	1260	0.0883	0.0167	0.000136	0.00452	0.00231	2.72	0.00000717	0.0177	0.00239	0.00462	
2035 Apr	4920	2.3	8.17	0.145	1930	0.614	1230	0.000224	0.000224	0.00000841	0.021	0.0181	1.05	0.0962	0.0000222	272	0.000189	0.0283	0.00109	0.00495	0.0388	0.0000821	50.6	146	0.402	0.0162	1270	0.0891	0.0169	0.000138	0.00456	0.00233	2.75	0.00000723	0.0178	0.00241	0.00466	
2035 May	5140	2.4	8.53	0.151	2010	0.642	1280	0.000235	0.000235	0.0000088	0.022	0.0191	1.1	0.101	0.0000232	285	0.000197	0.0296	0.00114	0.00518	0.0411	0.0000859	53	152	0.421	0.0169	1320	0.0932	0.0177	0.000151	0.00478	0.00244	2.87	0.00000757	0.0187	0.00253	0.00488	
2035 Jun	2780	1.28	4.51	0.0804	1070	0.361	710	0.000604	0.000604	0.00000423	0.0115	0.0111	0.61	0.0648	0.0000152	165	0.00012	0.0165	0.000748	0.00321	0.052	0.0000521	29.8	85.1	0.252	0.00938	701	0.052	0.0322	0.000125	0.00275	0.00138	1.62	0.00000512	0.0103	0.00175	0.00369	
2035 Jul	4390	1.95	6.98	0.124	1650	0.586	1170	0.000344	0.000344	0.0000087	0.0208	0.0177	1	0.0939	0.0000219	262	0.000184	0.0271	0.00107	0.00478	0.0451	0.0000799	48.6	140	0.392	0.0154	1080	0.0854	0.0203	0.000202	0.00443	0.00224	2.64	0.00000718	0.0171	0.00245	0.00488	
2035 Aug	5370	2.37	8.51	0.151	2010	0.72	1460	0.0000915	0.0000915	0.00000912	0.0233	0.0214	1.24	0.111	0.0000255	320	0.000221	0.0336	0.00127	0.00568	0.0376	0.0000957	59.9	173	0.476	0.0191	1320	0.106	0.00898	0.000171	0.00543	0.00276	3.25	0.00000824	0.0212	0.00284	0.00539	
2035 Sep	4970	2.2	7.87	0.139	1860	0.67	1350	0.000126	0.000126	0.00000865	0.0221	0.0198	1.15	0.104	0.0000238	298	0.000206	0.0312	0.00118	0.00532	0.0365	0.0000892	55.6	160	0.441	0.0178	1220	0.0979	0.0114	0.000147	0.00502	0.00256	3.01	0.00000772	0.0196	0.00262	0.005	
2035 Oct	5150	2.28	8.16	0.145	1920	0.693	1400	0.0000858	0.0000858	0.00000875	0.0226	0.0204	1.2	0.107	0.0000245	308	0.000213	0.0323	0.00121	0.00548	0.0359	0.000092	57.6	166	0.457	0.0184	1260	0.102	0.00949	0.000151	0.0052	0.00265	3.12	0.00000792	0.0203	0.00271	0.00513	
2035 Nov	4880	2.16	7.71	0.137	1820	0.658	1320	0.000136	0.000136	0.00000855	0.0218	0.0194	1.13	0.102	0.0000234	292	0.000202	0.0306	0.00115	0.00523	0.0365	0.0000876	54.6	157	0.432	0.0174	1200	0.0961	0.0121	0.000144	0.00492	0.00251	2.96	0.0000076	0.0192	0.00258	0.00491	
2035 Dec	4800	2.13	7.59	0.135	1790	0.648	1300	0.00015	0.00015	0.0000085	0.0216	0.0191	1.11	0.101	0.0000231	288	0.000199	0.0301	0.00114	0.00517	0.0367	0.0000863	53.7	155	0.426	0.0172	1180	0.0946	0.0129	0.000142	0.00485	0.00247	2.91	0.00000751	0.0189	0.00254	0.00486	
2036 Jan	4780	2.12	7.56	0.134	1790	0.646	1300	0.000153	0.000153	0.00000848	0.0215	0.019	1.11	0.1	0.0000231	287	0.000198	0.03	0.00114	0.00515	0.037	0.0000861	53.5	154	0.424	0.0171	1170	0.0942	0.0131	0.000143	0.00483	0.00246	2.9	0.00000749	0.0189	0.00253	0.00484	
2036 Feb	4770	2.12	7.55	0.134	1780	0.645	1300	0.000155	0.000155	0.00000848	0.0215	0.019	1.11	0.1	0.000023	287	0.000198	0.0299	0.00114	0.00515	0.0373	0.0000859	53.4	154	0.424	0.0171	1170	0.094	0.0132	0.000145	0.00482	0.00246	2.9	0.00000748	0.0188	0.00253	0.00483	
2036 Mar	4770	2.12	7.54	0.134	1780	0.644	1290	0.000156	0.000156	0.00000847	0.0215	0.019	1.11	0.1	0.000023	286	0.000198	0.0299	0.00114	0.00514	0.0375	0.0000858	53.3	154	0.424	0.017	1170	0.0939	0.0133	0.000146	0.00481	0.00245	2.89	0.00000747	0.0188	0.00253	0.00483	
2036 Apr	4830	2.14	7.64	0.135	1800	0.653	1310	0.000157	0.000157	0.00000859	0.0218	0.0194	1.12	0.102	0.0000233	290	0.000201	0.0303	0.00115	0.00522	0.0381	0.0000871	54.1	156	0.43	0.0173	1180	0.0953	0.0134	0.000149	0.00488	0.00249	2.93	0.00000758	0.0191	0.00257	0.0049	
2036 May	5100	2.26	8.05	0.143	1900	0.692	1390	0.000161	0.000161	0.00000907	0.023	0.0208	1.19	0.108	0.0000247	308	0.000212	0.0321	0.00122	0.00552	0.0401	0.0000922	57.3	165	0.455	0.0183	1250	0.101	0.0139	0.000158	0.00517	0.00264	3.11	0.00000802	0.0202	0.00272	0.00519	
2036 Jun	2910	1.25	4.45	0.0792	1050	0.416	823	0.0005	0.0005	0.00000739	0.0166	0.0125	0.706	0.0679	0.0000166	185	0.000135	0.0191	0.000761	0.00349	0.0402	0.0000585	34.2	98	0.276	0.0108	690	0.06	0.0258	0.000141	0.00316	0.00158	1.86	0.00000555	0.012	0.00183	0.00397	
2036 Jul	3700	1.55	5.55	0.0985	1310	0.544	1090	0.000337	0.000337	0.00000814	0.0191	0.0163	0.929	0.0858	0.0000203	241	0.000169	0.0251	0.000967	0.00442	0.0395	0.0000741	44.9	129	0.358	0.0143	860	0.079	0.0188	0.000151	0.00409	0.00207	2.43	0.00000668	0.0158	0.00221	0.00449	
2036 Aug	4600	1.92	6.9	0.122	1630	0.673	1350	0.000209	0.000209	0.00000909	0.0223	0.0202	1.16	0.104	0.0000243	299	0.000207	0.0312	0.00118	0.00537	0.04	0.0000902	55.8	160	0.443	0.0178	1070	0.0982	0.0138	0.000165	0.00505	0.00257	3.02	0.00000791	0.0197	0.00265	0.00518	
2036 Sep	4970	2.08	7.46	0.132	1760	0.723	1460	0.0000513	0.0000513	0.00000896	0.0232	0.0214	1.25	0.111	0.0000254	322	0.000222	0.0338	0.00126	0.00568	0.0356	0.0000958	60.2	173	0.477	0.0192	1160	0.106	0.00746	0.000159	0.00544	0.00277	3.26	0.0000082	0.0213	0.00283	0.00533	
2036 Oct	3890	1.65	5.82	0.103	1380	0.574	1140	0.00026	0.00026	0.00000809	0.02	0.0169	0.978	0.0904	0.0000209	255	0.000176	0.0264	0.00102	0.00466	0.0382	0.000077	47.2	136	0.374	0.0151	903	0.083	0.0186	0.000127	0.00425	0.00217	2.56	0.00000684	0.0166	0.00225	0.0044	
2036 Nov	4140	1.75	6.2	0.11	1470	0.609	1220	0.00021	0.00021	0.00000829	0.0208	0.0179	1.04	0.0952	0.000022	270	0.000187	0.0281	0.00107	0.0049	0.0376	0.0000814	50.3	145	0.398	0.0161	962	0.0884	0.0161	0.000134	0.00453	0.00231	2.73	0.00000716	0.0177	0.00239	0.00461	
2036 Dec	4030	1.71	6.04	0.107	1430	0.594	1190	0.000231	0.000231	0.0000082	0.0204	0.0175	1.01	0.0931	0.0000215	263	0.000182	0.0274	0.00105	0.00479	0.0378	0.0000795	48.9	141	0.388	0.0157	936	0.0861	0.0171	0.000131	0.00441	0.00225	2.65	0.00000702	0.0172	0.00233	0.00452	
2037 Jan	4000	1.69	5.99	0.106	1420	0.59	1180	0.000237	0.000237	0.00000817	0.0203	0.0173	1.01	0.0926	0.0000214	262	0.000181	0.0272	0.00104	0.00476	0.0383	0.0000789	48.6	140	0.385	0.0155	929	0.0854	0.0175	0.000133	0.00437	0.00223	2.63	0.00000698	0.0171	0.00232	0.00449	
2037 Feb	3990	1.69	5.97	0.106	1410	0.588	1170	0.00024	0.00024	0.00000816	0.0203	0.0173	1	0.0926	0.0000213	261	0.000181	0.0271	0.00104	0.00476	0.0388	0.0000787	48.4	139	0.385	0.0155	926	0.0851	0.0177	0.000136	0.00436	0.00223	2.63	0.00000696	0.017	0.00232	0.00448	
2037 Mar	3990	1.69	5.97	0.106	1410	0.588	1170	0.000242	0.000242	0.00000818	0.0203	0.0173	1	0.0928	0.0000213	261	0.000181	0.0271	0.00105	0.00476	0.0393	0.0000787	48.5	139	0.386	0.0155	926	0.0852	0.0178	0.000138	0.00436	0.00223	2.63	0.00000697	0.017	0.00232	0.00449	
2037 Apr	4010	1.7	6.01	0.107	1420	0.591	1180	0.000245	0.000245	0.00000823	0.0204	0.0174	1.01	0.0934	0.0000215	263	0.000182	0.0272	0.00106	0.00479	0.0398

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2039 Dec	2860	1.06	3.74	0.0669	888	0.501	982	0.000675	0.000675	0.0000092	0.0197	0.015	0.842	0.0862	0.0000202	225	0.000159	0.0227	0.000985	0.00434	0.0617	0.0000705	41	117	0.341	0.013	582	0.0718	0.0359	0.000284	0.00375	0.00189	2.23	0.00000677	0.0143	0.00223	0.00467	
2040 Jan	2860	1.06	3.74	0.0669	888	0.501	982	0.000675	0.000675	0.0000092	0.0197	0.015	0.842	0.0862	0.0000202	225	0.000159	0.0227	0.000985	0.00434	0.0617	0.0000705	41	117	0.341	0.013	582	0.0717	0.0359	0.000284	0.00375	0.00189	2.23	0.00000677	0.0143	0.00223	0.00467	
2040 Feb	2860	1.06	3.74	0.0668	888	0.501	982	0.000674	0.000674	0.00000919	0.0197	0.015	0.842	0.0862	0.0000202	225	0.000159	0.0227	0.000985	0.00434	0.0617	0.0000705	41	117	0.341	0.013	582	0.0717	0.0359	0.000284	0.00375	0.00189	2.23	0.00000677	0.0143	0.00223	0.00467	
2040 Mar	2870	1.06	3.75	0.0669	889	0.501	983	0.000675	0.000675	0.0000092	0.0197	0.015	0.842	0.0863	0.0000202	225	0.000159	0.0228	0.000986	0.00434	0.0618	0.0000706	41.1	117	0.341	0.013	582	0.0718	0.0359	0.000285	0.00375	0.0019	2.24	0.00000678	0.0143	0.00224	0.00467	
2040 Apr	2870	1.06	3.76	0.0671	891	0.503	986	0.000677	0.000677	0.0000923	0.0198	0.0151	0.845	0.0866	0.0000203	226	0.00016	0.0228	0.00099	0.00436	0.062	0.0000708	41.2	118	0.342	0.013	584	0.072	0.036	0.000286	0.00377	0.0019	2.24	0.0000068	0.0143	0.00224	0.00469	
2040 May	2890	1.07	3.77	0.0674	895	0.506	991	0.000691	0.000691	0.0000934	0.02	0.0152	0.85	0.0877	0.0000204	228	0.000161	0.023	0.001	0.0044	0.064	0.0000713	41.5	119	0.346	0.0131	586	0.0725	0.0369	0.000302	0.00379	0.00191	2.26	0.00000686	0.0144	0.00228	0.00473	
2040 Jun	2120	0.791	2.74	0.0492	654	0.375	724	0.000809	0.000809	0.0000833	0.0167	0.0115	0.622	0.0737	0.0000164	174	0.000124	0.0168	0.000878	0.00352	0.0747	0.000055	30.7	87.4	0.276	0.00958	427	0.0533	0.0432	0.00043	0.00283	0.00143	1.69	0.00000561	0.0105	0.00198	0.00404	
2040 Jul	2360	0.867	3.01	0.054	719	0.42	815	0.000819	0.000819	0.0000892	0.0182	0.0128	0.7	0.0805	0.000018	194	0.000138	0.019	0.000954	0.00387	0.0768	0.0000611	34.5	98.3	0.306	0.0108	469	0.0599	0.0439	0.000436	0.00318	0.0016	1.89	0.00000613	0.0118	0.00216	0.00439	
2040 Aug	2640	0.96	3.35	0.0599	797	0.474	926	0.000808	0.000808	0.0000953	0.0198	0.0144	0.794	0.0885	0.0000199	218	0.000154	0.0215	0.00105	0.00429	0.0785	0.0000682	39	111	0.341	0.0122	521	0.0679	0.0437	0.000442	0.00358	0.00181	2.14	0.00000672	0.0135	0.00236	0.00477	
2040 Sep	2830	1.02	3.55	0.0635	845	0.511	1000	0.000767	0.000767	0.00000978	0.0208	0.0155	0.86	0.0932	0.000021	234	0.000165	0.0233	0.0011	0.00455	0.0768	0.0000728	42.1	120	0.364	0.0132	552	0.0734	0.0418	0.000427	0.00386	0.00195	2.3	0.00000707	0.0146	0.00247	0.00496	
2040 Oct	2890	1.04	3.62	0.0648	862	0.524	1030	0.000755	0.000755	0.00000988	0.0211	0.0159	0.883	0.0949	0.0000214	240	0.000169	0.0239	0.00111	0.00464	0.0765	0.0000744	43.2	123	0.371	0.0136	564	0.0754	0.0414	0.000423	0.00396	0.002	2.36	0.00000719	0.015	0.00251	0.00503	
2040 Nov	2910	1.04	3.65	0.0651	867	0.528	1040	0.000749	0.000749	0.0000099	0.0212	0.016	0.889	0.0954	0.0000215	241	0.00017	0.0241	0.00112	0.00467	0.0763	0.0000749	43.5	124	0.374	0.0137	567	0.0759	0.0411	0.000421	0.00399	0.00201	2.38	0.00000723	0.0151	0.00252	0.00505	
2040 Dec	2910	1.04	3.65	0.0652	867	0.529	1040	0.000748	0.000748	0.0000099	0.0212	0.016	0.89	0.0954	0.0000215	241	0.00017	0.0241	0.00112	0.00467	0.0762	0.0000749	43.6	124	0.374	0.0137	567	0.076	0.041	0.00042	0.00399	0.00202	2.38	0.00000723	0.0151	0.00252	0.00505	
2041 Jan	2910	1.04	3.65	0.0652	867	0.529	1040	0.000747	0.000747	0.00000989	0.0212	0.016	0.89	0.0954	0.0000215	241	0.00017	0.0241	0.00112	0.00467	0.0761	0.0000749	43.6	125	0.374	0.0137	567	0.076	0.041	0.00042	0.00399	0.00202	2.38	0.00000723	0.0151	0.00252	0.00505	
2041 Feb	2910	1.04	3.65	0.0651	867	0.529	1040	0.000747	0.000747	0.00000989	0.0212	0.016	0.89	0.0954	0.0000215	241	0.00017	0.0241	0.00112	0.00467	0.0762	0.0000749	43.6	125	0.374	0.0137	567	0.076	0.041	0.00042	0.00399	0.00202	2.38	0.00000723	0.0151	0.00252	0.00505	
2041 Mar	2910	1.04	3.65	0.0652	867	0.529	1040	0.000748	0.000748	0.0000099	0.0212	0.016	0.891	0.0955	0.0000215	242	0.00017	0.0241	0.00112	0.00467	0.0762	0.0000749	43.6	125	0.374	0.0137	567	0.076	0.041	0.00042	0.00399	0.00202	2.38	0.00000723	0.0151	0.00252	0.00505	
2041 Apr	2920	1.04	3.66	0.0653	869	0.53	1040	0.000749	0.000749	0.00000992	0.0213	0.016	0.893	0.0957	0.0000216	242	0.000171	0.0242	0.00112	0.00468	0.0764	0.0000751	43.7	125	0.375	0.0137	569	0.0762	0.0411	0.000421	0.004	0.00202	2.39	0.00000725	0.0151	0.00253	0.00506	
2041 May	3000	1.06	3.72	0.0664	884	0.548	1080	0.000716	0.000716	0.00000998	0.0216	0.0165	0.925	0.0978	0.0000221	250	0.000176	0.025	0.00114	0.0048	0.0749	0.0000772	45.2	129	0.386	0.0142	579	0.0789	0.0396	0.000412	0.00413	0.00209	2.47	0.00000739	0.0157	0.00258	0.00514	
2041 Jun	2350	0.82	2.87	0.0515	683	0.439	858	0.000755	0.000755	0.00000886	0.0186	0.0133	0.737	0.0789	0.0000185	200	0.000144	0.0199	0.000913	0.0039	0.0651	0.0000633	36.1	103	0.307	0.0113	447	0.0629	0.0394	0.000323	0.00333	0.00167	1.97	0.00000625	0.0125	0.00213	0.0045	
2041 Jul	2100	0.725	2.54	0.0457	605	0.397	771	0.000824	0.000824	0.00000869	0.0178	0.012	0.663	0.072	0.0000173	180	0.000133	0.0179	0.000827	0.00358	0.0635	0.0000583	32.5	92.5	0.277	0.0102	395	0.0566	0.0418	0.000294	0.00303	0.0015	1.77	0.0000059	0.0112	0.00197	0.00436	
2041 Aug	2370	0.808	2.84	0.0509	674	0.45	877	0.000835	0.000835	0.00000937	0.0196	0.0136	0.754	0.0802	0.0000192	204	0.000149	0.0204	0.00092	0.004	0.0664	0.0000653	36.9	105	0.312	0.0116	441	0.0643	0.0426	0.000307	0.00342	0.0017	2.01	0.00000651	0.0128	0.00218	0.00476	
2041 Sep	2580	0.869	3.06	0.0548	727	0.494	970	0.000788	0.000788	0.00000969	0.0207	0.0149	0.833	0.0864	0.0000205	223	0.000162	0.0225	0.00099	0.00432	0.0658	0.0000709	40.6	116	0.34	0.0128	476	0.071	0.0407	0.000304	0.00376	0.00188	2.21	0.00000693	0.0141	0.00233	0.005	
2041 Oct	2670	0.894	3.15	0.0563	747	0.514	1010	0.000748	0.000748	0.00000974	0.021	0.0154	0.868	0.0888	0.0000211	232	0.000167	0.0234	0.00102	0.00445	0.0645	0.0000732	42.3	121	0.352	0.0133	489	0.0739	0.039	0.000295	0.0039	0.00195	2.3	0.00000708	0.0147	0.00238	0.00506	
2041 Nov	2700	0.9	3.17	0.0567	752	0.519	1020	0.000739	0.000739	0.00000976	0.0212	0.0156	0.877	0.0895	0.0000212	234	0.000169	0.0237	0.00102	0.00449	0.0642	0.0000738	42.7	122	0.355	0.0135	493	0.0747	0.0387	0.000294	0.00394	0.00197	2.32	0.00000712	0.0148	0.0024	0.00508	
2041 Dec	2700	0.901	3.17	0.0568	753	0.52	1020	0.000737	0.000737	0.00000975	0.0212	0.0156	0.878	0.0895	0.0000212	235	0.000169	0.0237	0.00102	0.00449	0.0641	0.0000739	42.8	122	0.356	0.0135	493	0.0748	0.0386	0.000293	0.00394	0.00198	2.33	0.00000713	0.0149	0.0024	0.00508	
2042 Jan	2700	0.901	3.17	0.0568	753	0.52	1020	0.000736	0.000736	0.00000975	0.0212	0.0156	0.878	0.0895	0.0000212	235	0.000169	0.0237	0.00102	0.00449	0.0641	0.0000739	42.8	122	0.356	0.0135	493	0.0748	0.0386	0.000293	0.00394	0.00198	2.33	0.00000713	0.0149	0.0024	0.00508	
2042 Feb	2700	0.901	3.17	0.0568	753	0.52	1020	0.000736	0.000736	0.00000975	0.0212	0.0156	0.878	0.0895	0.0000212	235	0.000169	0.0237	0.00102	0.00449	0.0641	0.0000739	42.8	122	0.356	0.0135	493	0.0748	0.0385	0.000293	0.00394	0.00198	2.33	0.00000712	0.0149	0.0024	0.00508	
2042 Mar	2700	0.901	3.17	0.0568	753	0.52	1020	0.000736	0.000736	0.00000975	0.0212	0.0156	0.879	0.0896	0.0000212	235	0.000169	0.0237	0.00103	0.0045	0.0642	0.0000739	42.8	122	0.356	0.0135	493	0.0749	0.0386	0.000293	0.00395	0.00198	2.33	0.00000713	0.0149	0.0024	0.00508	
2042 Apr	2720	0.906	3.19	0.0571	758	0.524	1030	0.000739	0.000739	0.00000981	0.0213	0.0157	0.885	0.0902	0.0000214	236	0.00017	0.0239	0.00103	0.00452	0.0645	0.0000744	43.1	123	0.358	0.0136	496	0.0754	0.0387	0.000295	0.00397	0.00199	2.34	0.00000717	0.015	0.00242	0.00511	
2042 May	2790	0.93	3.27	0.0586	777	0.539	1060	0.000749	0.000749	0.00001	0.0218	0.0162	0.911	0.0926	0.0000219	243	0.000175	0.0246	0.00106	0.00465	0.0658	0.0000764	44.4	127	0.368	0.014	509	0.0776	0.0393	0.000301	0.00409	0.00205	2.41	0.00000736	0.0154	0.00248	0.00524	
2042 Jun	2330	0.773	2.72	0.0488	646	0.452	883	0.000823	0.000823	0.00000935	0.0197	0.0136	0.759	0.0793	0.0000192	204	0.00015	0.0205	0.000902	0.00399	0.063	0.0000656	37.1	106	0.309	0.0117	422	0.0647	0.0417	0.000271	0.00345	0.00171	2.02	0.00000652	0.0128	0.00216	0.00478	
2042 Jul	2230	0.728	2.56	0.046	608	0.439	856	0.000844	0.000844	0.00000929	0.0194	0.0132	0.736	0.0769	0.0000189	198	0.000146	0.0199	0.000871	0.00389	0.062	0.000064	35.9	102	0.299	0.0113	398	0.0628	0.0423	0.000256	0.00335	0.00166	1.95	0.00000641	0.0124	0.0021	0.00472	
2042 Aug	2320	0.739	2.6	0.0467	617	0.468	913	0.000774	0.000774	0.00000929	0.0196	0.014	0.785	0.0801	0.0000195	210	0.000152	0.0212	0.000903	0.00407	0.0587	0.0000671	38.2	109	0.315	0.0121	404	0.0668	0.0388	0.000234	0.00353	0.00176	2.08	0.00000659	0.0133	0.00213	0.00471	
2042 Sep	2420	0.76	2.67	0.0479	634	0.492	963	0.00073	0.00073	0.00000936	0.02	0.0147	0.827	0.0833	0.0000201	220	0.000158	0.0223	0.000936	0.00423	0.0571	0.0000699	40.2	115	0.329	0.0127	415	0.0704	0.0369	0.000223	0.0037	0.00186	2.19	0.00000678	0.014	0.00218	0.00477	
2042 Oct	2470	0.773	2.71	0.0486	644	0.506	992	0.000696	0.000696	0.00000936	0.0203	0.0151	0.852	0.085	0.0000205	226	0.000162	0.023	0.000956	0.00432	0.0561	0.0000714	41.4	118	0.338	0.0131	422	0.0725	0.0356	0.000218	0.0038	0.00191	2.25	0.00000687	0.0144	0.00222	0.0048	
2042 Nov	2490	0.776	2.72	0.0488	647	0.51	999	0.000687	0.000687	0.00000936	0.0203	0.0152	0.858	0.0854	0.0000206	228	0.000163	0.0231	0.000961	0.00435	0.0558	0.0000718	41.7	119	0.34	0.0132	424	0.073	0.0353	0.000216	0.00382	0.00192	2.26	0.0000069	0.0145	0.00223	0.00481	
2042 Dec	2490	0.777	2.72	0.0488	647	0.51	1000	0.000685	0.000685	0.00000936	0.0203	0.0152	0.859	0.0855	0.0000206	228	0.000163	0.0232	0.000961	0.00435	0.0557	0.0000719	41.7	119	0.34	0.0132	424	0.0731	0.0353	0.000216	0.00383	0.00192	2.27	0.0000069	0.0145	0.00223	0.00481	
2043 Jan	2490	0.777	2.72	0.0488	647	0.51	1000	0.000684	0.000684	0.00000936	0.0203	0.0152	0.859	0.0855	0.0000206	228	0.000163	0.0232	0.000961	0.00435	0.0557	0.0000719	41.7	119	0.34	0.0132	424	0.0731	0.0352	0.000216	0.00383	0.00193	2.27	0.0000069	0.0145	0.00223	0.0048	
2043 Feb	2490	0.776	2.72	0.0488	647	0.51	1000	0.000684	0.000684	0.00000936	0.0203	0.0152	0.859	0.0855	0.0000206	228	0.000163	0.0232	0.000961	0.00435	0.0558	0.0000718	41.7	119	0.34	0.0132	424	0.0731	0.0352	0.000216	0.00383	0.00192	2.27	0.00000689	0.0145	0.00223	0.0048	
2043 Mar	2490	0.776	2.72	0.0488	647	0.51	1000	0.000684	0.000684	0.00000936	0.0203	0.0152	0.859	0.0855	0.0000206	228	0.000163	0.0232	0.000962	0.00435	0.0558	0.0000719	41.7	119	0.34	0.0132	424	0.0731	0.0352	0.000216	0.00383	0.00192	2.27	0.0000069	0.0145	0.00223	0.0048	
2043 Apr	2500	0.781	2.74	0.0491	651	0.513	1010	0.000688	0.000688	0.00000941	0.0204	0.0153	0.863	0.086	0.0000207	229	0.000164	0.0233	0.000967	0.00437	0.0562	0.0000723	42	120	0.342	0.0133	426	0.0735	0.0355	0.000218	0.00385	0.00194	2.28	0.00000693	0.0146	0.00224	0.00483	
2043 May	2540	0.794	2.78	0.0499	661	0.522	1020	0.000708	0.000708	0.00000961	0.0208	0.0156	0.878	0.0879	0.0000211	233	0.000167	0.0237	0.000991	0.00446	0.0583	0.0000736	42.7	122	0.349	0.0135	433	0.0747	0.0365	0.000232	0.00391	0.00197	2.32	0.00000707	0.0149	0.00229	0.00493	
2043 Jun	1940	0.612	2.1	0.0379	503	0.401	776	0.000816	0.000816	0.00000867	0.0177	0.0122	0.667	0.0753	0.0000174	184	0.000132	0.018	0.000878	0.00366	0.0693	0.0000585	32.8	93.4	0.286	0.0103	328	0.057	0.0425	0.00036	0.00303	0.00152	1.79	0.00000591	0.0113	0.00202	0.00427	
2043 Jul	2140	0.665	2.29	0.0413	548	0.446	867	0.000841	0.000841	0.00000934	0.0193	0.0135	0.745	0.0823	0.000019	204	0.000146	0.0201	0.000958	0.00403	0.0724	0.0000646	36.5	104	0.316	0.0115	357	0.0636	0.044	0.000372	0.00337	0.00169	2	0.00000646	0.0126	0.0022	0.00464	
2043 Aug	2370	0.725	2.51	0.0451	599	0.498	971	0.000844	0.000844	0.00000998	0.0209	0.015	0.834	0.0902	0.0000208	227	0.000162	0.0225	0.00105	0.00443	0.0746	0.0000715	40.8	117	0.349	0.0128	391	0.0712	0.0444	0.00038	0.00376	0.00189	2.23	0.00000705	0.0141	0.0024	0.00501	
2043 Sep	2550	0.762	2.65	0.0475	631	0.538	1060	0.00078	0.00078	0.0000102	0.0218	0.0162	0.906	0.0952	0.000022	244	0.000173	0.0245	0.0011	0.00471	0.0723	0.0000764	44.2	126	0.374	0.0139	412	0.0772	0.0414	0.000364	0.00406	0.00205	2.41	0.00000739	0.0153	0.00252	0.00519	
2043 Oct	2540	0.754	2.61	0.0468	622	0.541	1060	0.000726	0.000726	0.00000993	0.0216	0.0162	0.911	0.0944	0.0000218	245	0.000173	0.0246	0.00109	0.00469	0.0684	0.0000762	44.4	127	0.373	0.014	406	0.0776	0.0392	0.000334	0.00406	0.00205	2.42	0.00000732	0.0154	0.00248	0.00509	
2043 Nov	2460	0.732	2.52	0.0452	601	0.527	1030	0.000713	0.000713	0.00000969	0.0211	0.0158	0.886	0.0918	0.0000213	238	0.000169	0.0239	0.00105	0.00458	0.0664	0.0000742	43.2	124	0.361	0.0137	393	0.0755	0.0389	0.000315	0.00395	0.002	2.36	0.00000713	0.015	0.00239	0.00493	
2043 Dec	2460	0.73	2.52	0.0451	600	0.526	1030	0.000713	0.000713	0.00000968	0.0211	0.0158	0.884	0.0917	0.0000212	238	0.000168	0.0239	0.00105	0.00457	0.0663	0.0000741	43.1	123	0.361	0.0136	392	0.0754	0.0389	0.000314	0.00394	0.00199	2.35	0.00000712	0.015	0.00239	0.00492	
2044 Jan	2450	0.73	2.51	0.0451	599	0.526	1030	0.000714	0.000714	0.00000968	0.0211	0.0158	0.884	0.0916	0.0000212	237	0.000168	0.0239	0.00105	0.00457	0.0663	0.0000741	43.1	123	0.36	0.0136	391	0.0753	0.0389	0.000314	0.00394	0.00199	2.35	0.00000712	0.015	0.00239	0.00492	
2044 Feb	2450	0.73	2.51	0.0451	599	0.526	1030	0.000714	0.000714	0.00000968	0.0211	0.0158	0.884	0.0917	0.0000212	237	0.000168	0.0239	0.00105	0.00457	0.0664	0.0000741	43.1	123	0.361	0.0136	391	0.0753	0.0389	0.000314	0.00394	0.00199	2.35	0.00000712	0.015	0.00239	0.00492	
2044 Mar	2460	0.73	2.52	0.0451	600	0.526	1030	0.000715	0.000715	0.00000969	0.0211	0.0158	0.884	0.0918	0.0000212	238	0.000168	0.0239	0.00105	0.00457	0.0665	0.0000741	43.1	123	0.361	0.0136	392	0.0754	0.039	0.000315	0.00394	0.00199	2.35	0.00000712	0.015	0.00239	0.00493	
2044 Apr	2460	0.732	2.52	0.0452	601	0.528	1030	0.000717	0.000717	0.00000971	0.0211	0.0158	0.887	0.092	0.0000213	238	0.000169	0.024	0.00106	0.00458	0.0667	0.0000743	43.2	124	0.362	0.0137	393	0.0755	0.0391	0.000316	0.00395	0.002	2.36	0.00000714	0.015	0.0024	0.00494	
2044 May	2510	0.746	2.57	0.0461	613	0.538	1050	0.00073	0.00073	0.0000099	0.0216	0.0161	0.904	0.0938	0.0000217	243	0.000172	0.0244	0.00108	0.00467	0.068	0.0000757	44.1	126	0.369	0.0139	400	0.077	0.0398	0.000322	0.00403	0.00204	2.4	0.00000728	0.0153	0.00244	0.00503	
2044 Jun	1940	0.571	1.96	0.0354	469	0.421	816	0.000803	0.000803	0.00000885	0.0185	0.0127	0.702	0.0752	0.000018	190	0.000139	0.0189	0.000858	0.00376	0.0625	0.000061	34.3	97.8	0.289	0.0108	306	0.0599	0.0415	0.000275	0.00317	0.00159	1.87	0.00000611	0.0119	0.00202	0.00441	
2044 Jul	2000	0.582	2	0.0362	478	0.436	846	0.000855	0.000855	0.00000929	0.0193	0.0131	0.728	0.0778	0.0000188	197	0.000144	0.0196	0.000885	0.0039	0.0649	0.0000635	35.6	101	0.299	0.0112	312	0.0621	0.0438	0.000279	0.0033	0.00164	1.94	0.00000636	0.0123	0.0021	0.00463	
2044 Aug	2210	0.639	2.2	0.0397	525	0.484	941	0.000905	0.000905	0.0000101	0.0211	0.0146	0.809	0.0858	0.0000206	219	0.00016	0.0218	0.000976	0.0043	0.0697	0.0000701	39.5	113	0.331	0.0125	343	0.069	0.0465	0.000299	0.00366	0.00183	2.15	0.000007	0.0137	0.0023	0.00506	
2044 Sep	2260	0.642	2.21	0.0399	528	0.5	973	0.000857	0.000857	0.0000101	0.0213	0.015	0.836	0.0873	0.0000209	225	0.000163	0.0226	0.00099	0.00439	0.0671	0.0000717	40.8	116	0.339	0.0129	345	0.0712	0.0442	0.000281	0.00376	0.00188	2.22	0.00000708	0.0141	0.00231	0.00504	
2044 Oct	2310	0.649	2.24	0.0403	534	0.513	1000	0.00081	0.00081	0.00000999	0.0214	0.0154	0.861	0.0888	0.0000212	231	0.000166	0.0232	0.00101	0.00447	0.0652	0.0000732	42	120	0.347	0.0133	348	0.0733	0.0422	0.

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2047 Jun	1460	0.34	1.11	0.0202	270	0.365	710	0.000753	0.000753	0.00000797	0.0164	0.0113	0.61	0.0727	0.0000159	171	0.000122	0.0165	0.000877	0.00342	0.0736	0.0000535	30.1	85.8	0.274	0.00939	174	0.0522	0.0411	0.000447	0.00278	0.0014	1.66	0.00000542	0.0103	0.002	0.00396	
2047 Jul	1630	0.374	1.23	0.0223	298	0.407	794	0.00079	0.00079	0.00000865	0.0179	0.0125	0.682	0.0799	0.0000175	190	0.000136	0.0185	0.000961	0.00378	0.0781	0.0000594	33.6	95.8	0.304	0.0105	192	0.0584	0.0433	0.000472	0.00311	0.00156	1.85	0.00000596	0.0115	0.00219	0.00433	
2047 Aug	1810	0.409	1.35	0.0245	327	0.453	886	0.000813	0.000813	0.00000931	0.0195	0.0139	0.761	0.0874	0.0000192	211	0.00015	0.0206	0.00105	0.00416	0.0818	0.0000656	37.5	107	0.335	0.0117	212	0.0651	0.0447	0.000491	0.00345	0.00174	2.05	0.00000651	0.0129	0.00238	0.00471	
2047 Sep	1960	0.432	1.44	0.0261	347	0.493	970	0.00075	0.00075	0.00000949	0.0204	0.015	0.832	0.0919	0.0000203	228	0.000161	0.0225	0.00109	0.00442	0.0784	0.0000704	40.8	117	0.358	0.0128	225	0.0711	0.0417	0.000462	0.00375	0.00189	2.23	0.00000685	0.0141	0.00248	0.00488	
2047 Oct	2020	0.438	1.47	0.0265	353	0.513	1010	0.000668	0.000668	0.00000934	0.0205	0.0155	0.867	0.0928	0.0000207	235	0.000166	0.0235	0.0011	0.00451	0.0726	0.0000724	42.4	121	0.366	0.0134	229	0.074	0.0378	0.000416	0.00389	0.00196	2.32	0.00000692	0.0147	0.00248	0.00486	
2047 Nov	2020	0.436	1.46	0.0263	351	0.513	1010	0.000648	0.000648	0.00000925	0.0204	0.0155	0.868	0.0922	0.0000206	235	0.000166	0.0235	0.00109	0.0045	0.0706	0.0000723	42.4	121	0.364	0.0134	228	0.0741	0.0369	0.000398	0.00388	0.00196	2.32	0.00000689	0.0147	0.00245	0.00481	
2047 Dec	2020	0.436	1.46	0.0263	351	0.514	1010	0.000645	0.000645	0.00000924	0.0204	0.0155	0.869	0.0922	0.0000206	235	0.000166	0.0235	0.00108	0.0045	0.0703	0.0000723	42.5	122	0.364	0.0134	228	0.0741	0.0367	0.000396	0.00388	0.00196	2.32	0.00000689	0.0147	0.00245	0.00481	
2048 Jan	2020	0.436	1.46	0.0263	351	0.514	1010	0.000644	0.000644	0.00000923	0.0204	0.0155	0.869	0.0922	0.0000206	235	0.000166	0.0235	0.00108	0.0045	0.0702	0.0000723	42.5	122	0.364	0.0134	228	0.0741	0.0367	0.000395	0.00388	0.00197	2.32	0.00000689	0.0147	0.00245	0.00481	
2048 Feb	2020	0.436	1.46	0.0263	351	0.514	1010	0.000644	0.000644	0.00000923	0.0204	0.0155	0.869	0.0922	0.0000206	235	0.000166	0.0235	0.00109	0.0045	0.0703	0.0000723	42.5	122	0.364	0.0134	228	0.0741	0.0367	0.000396	0.00388	0.00196	2.32	0.00000689	0.0147	0.00245	0.00481	
2048 Mar	2020	0.436	1.46	0.0263	351	0.514	1010	0.000644	0.000644	0.00000923	0.0204	0.0155	0.869	0.0922	0.0000206	235	0.000166	0.0235	0.00109	0.0045	0.0703	0.0000723	42.5	121	0.364	0.0134	228	0.0741	0.0367	0.000396	0.00388	0.00196	2.32	0.00000689	0.0147	0.00245	0.00481	
2048 Apr	2030	0.438	1.46	0.0264	352	0.516	1020	0.000647	0.000647	0.00000927	0.0205	0.0156	0.873	0.0926	0.0000207	236	0.000167	0.0236	0.00109	0.00452	0.0707	0.0000726	42.7	122	0.366	0.0134	229	0.0745	0.0369	0.000398	0.0039	0.00197	2.33	0.00000692	0.0148	0.00246	0.00483	
2048 May	2070	0.446	1.49	0.0269	359	0.526	1040	0.00066	0.00066	0.00000945	0.0209	0.0159	0.89	0.0944	0.0000211	241	0.00017	0.0241	0.00111	0.0046	0.0721	0.000074	43.5	124	0.373	0.0137	233	0.0759	0.0376	0.000406	0.00398	0.00201	2.38	0.00000705	0.0151	0.00251	0.00492	
2048 Jun	1540	0.333	1.11	0.0202	267	0.396	771	0.000773	0.000773	0.00000843	0.0176	0.012	0.663	0.0732	0.0000171	181	0.000132	0.0179	0.00851	0.00359	0.0649	0.0000578	32.5	92.7	0.281	0.0102	173	0.0566	0.0406	0.000327	0.00302	0.00151	1.78	0.0000058	0.0112	0.002	0.00425	
2048 Jul	1290	0.276	0.913	0.0169	221	0.335	644	0.00087	0.00087	0.00000817	0.0164	0.0102	0.556	0.0632	0.0000154	153	0.000116	0.015	0.000727	0.00312	0.0627	0.0000505	27.3	77.6	0.237	0.00854	143	0.0475	0.0438	0.000287	0.00257	0.00127	1.49	0.00000529	0.00937	0.00177	0.00403	
2048 Aug	1480	0.305	1.02	0.0188	247	0.387	750	0.000841	0.000841	0.00000865	0.0178	0.0117	0.646	0.0706	0.0000177	176	0.00013	0.0174	0.00809	0.00351	0.063	0.0000571	31.6	90	0.27	0.00992	160	0.0551	0.0426	0.000285	0.00295	0.00146	1.73	0.00000582	0.0109	0.00194	0.00432	
2048 Sep	1640	0.329	1.11	0.0203	267	0.432	842	0.000769	0.000769	0.00000884	0.0187	0.013	0.724	0.0763	0.0000183	195	0.000143	0.0196	0.00872	0.00381	0.0608	0.0000624	35.4	101	0.297	0.0111	173	0.0618	0.0395	0.000272	0.00328	0.00163	1.93	0.00000619	0.0122	0.00207	0.0045	
2048 Oct	1730	0.341	1.15	0.021	277	0.458	898	0.000702	0.000702	0.00000884	0.0191	0.0137	0.771	0.0794	0.0000189	207	0.00015	0.0208	0.00906	0.00398	0.0583	0.0000653	37.6	107	0.313	0.0119	180	0.0657	0.0366	0.000259	0.00347	0.00174	2.05	0.00000636	0.013	0.00213	0.00456	
2048 Nov	1750	0.344	1.16	0.0212	279	0.463	910	0.000684	0.000684	0.00000882	0.0191	0.0139	0.781	0.08	0.0000019	209	0.000151	0.0211	0.000912	0.00401	0.0576	0.000066	38.1	109	0.316	0.012	182	0.0665	0.0359	0.000254	0.00351	0.00176	2.07	0.00000639	0.0132	0.00214	0.00456	
2048 Dec	1750	0.344	1.16	0.0212	279	0.463	910	0.000684	0.000684	0.00000881	0.0191	0.0139	0.781	0.0799	0.0000019	209	0.000151	0.0211	0.000912	0.00401	0.0575	0.0000659	38.1	109	0.316	0.012	182	0.0665	0.0359	0.000254	0.00351	0.00176	2.07	0.00000639	0.0132	0.00214	0.00456	
2049 Jan	1750	0.344	1.16	0.0212	279	0.463	909	0.000684	0.000684	0.00000881	0.0191	0.0139	0.781	0.0799	0.0000019	209	0.000151	0.0211	0.000912	0.00401	0.0576	0.0000659	38	109	0.316	0.012	182	0.0665	0.0359	0.000254	0.00351	0.00176	2.07	0.00000639	0.0132	0.00214	0.00456	
2049 Feb	1750	0.344	1.16	0.0212	279	0.463	909	0.000684	0.000684	0.00000881	0.0191	0.0139	0.78	0.0799	0.0000019	209	0.000151	0.0211	0.000912	0.00401	0.0576	0.0000659	38	109	0.316	0.012	182	0.0665	0.0359	0.000254	0.0035	0.00176	2.07	0.00000639	0.0132	0.00214	0.00456	
2049 Mar	1750	0.344	1.16	0.0212	279	0.463	909	0.000685	0.000685	0.00000882	0.0191	0.0139	0.781	0.08	0.0000019	209	0.000151	0.0211	0.000913	0.00401	0.0577	0.0000659	38.1	109	0.316	0.012	182	0.0665	0.0359	0.000254	0.00351	0.00176	2.07	0.00000639	0.0132	0.00214	0.00456	
2049 Apr	1760	0.346	1.17	0.0213	280	0.465	913	0.000688	0.000688	0.00000886	0.0192	0.014	0.784	0.0804	0.0000191	210	0.000152	0.0212	0.000917	0.00403	0.058	0.0000662	38.2	109	0.317	0.0121	182	0.0668	0.0361	0.000256	0.00352	0.00176	2.08	0.00000642	0.0133	0.00215	0.00458	
2049 May	1800	0.353	1.19	0.0217	286	0.475	933	0.000701	0.000701	0.00000904	0.0196	0.0143	0.801	0.0821	0.0000195	214	0.000155	0.0216	0.000937	0.00412	0.0592	0.0000676	39	112	0.324	0.0123	186	0.0682	0.0368	0.000261	0.0036	0.0018	2.12	0.00000655	0.0136	0.0022	0.00467	
2049 Jun	1310	0.255	0.854	0.0158	206	0.349	674	0.000802	0.000802	0.00000801	0.0164	0.0105	0.581	0.0625	0.0000156	158	0.000119	0.0157	0.000704	0.00315	0.0548	0.0000518	28.4	80.9	0.238	0.00893	134	0.0496	0.0398	0.000217	0.00267	0.00131	1.55	0.00000533	0.00981	0.00173	0.004	
2049 Jul	1280	0.245	0.822	0.0153	199	0.346	667	0.000838	0.000838	0.00000815	0.0165	0.0105	0.576	0.0619	0.0000156	156	0.000118	0.0155	0.000695	0.00313	0.0552	0.0000517	28.2	80	0.235	0.00883	129	0.0491	0.0412	0.000211	0.00265	0.0013	1.53	0.00000536	0.00971	0.00173	0.00406	
2049 Aug	1450	0.272	0.917	0.017	221	0.391	758	0.000868	0.000868	0.00000883	0.0182	0.0118	0.653	0.0691	0.0000173	176	0.000133	0.0176	0.000777	0.0035	0.0587	0.0000579	31.9	90.8	0.265	0.01	144	0.0557	0.0429	0.000225	0.00299	0.00147	1.73	0.00000592	0.011	0.00192	0.00444	
2049 Sep	1600	0.292	0.989	0.0182	238	0.433	844	0.000801	0.000801	0.00000901	0.019	0.013	0.727	0.0748	0.0000185	194	0.000144	0.0196	0.000841	0.0038	0.0574	0.0000629	35.4	101	0.292	0.0112	155	0.0619	0.0402	0.00022	0.0033	0.00163	1.92	0.00000626	0.0123	0.00204	0.0046	
2049 Oct	1670	0.302	1.02	0.0187	245	0.456	893	0.000733	0.000733	0.00000896	0.0193	0.0136	0.767	0.0775	0.000019	204	0.00015	0.0207	0.000872	0.00394	0.0553	0.0000654	37.3	107	0.306	0.0118	160	0.0653	0.0375	0.00021	0.00346	0.00172	2.03	0.0000064	0.013	0.00209	0.00462	
2049 Nov	1710	0.306	1.03	0.0189	248	0.466	915	0.000692	0.000692	0.00000888	0.0194	0.0139	0.786	0.0786	0.0000191	209	0.000152	0.0212	0.000885	0.004	0.0538	0.0000664	38.2	109	0.312	0.0121	162	0.0669	0.0358	0.000204	0.00353	0.00176	2.07	0.00000644	0.0133	0.00211	0.00461	
2049 Dec	1710	0.306	1.03	0.0189	248	0.467	916	0.000688	0.000688	0.00000887	0.0194	0.0139	0.787	0.0787	0.0000191	209	0.000152	0.0212	0.000885	0.00401	0.0536	0.0000664	38.3	109	0.312	0.0121	162	0.067	0.0356	0.000203	0.00353	0.00176	2.08	0.00000644	0.0133	0.00211	0.0046	
2050 Jan	1710	0.306	1.03	0.0189	248	0.467	915	0.000688	0.000688	0.00000887	0.0194	0.0139	0.786	0.0787	0.0000191	209	0.000152	0.0212	0.000885	0.00401	0.0536	0.0000664	38.2	109	0.312	0.0121	161	0.0669	0.0356	0.000203	0.00353	0.00176	2.08	0.00000643	0.0133	0.00211	0.0046	
2050 Feb	1710	0.306	1.03	0.0189	248	0.466	915	0.000688	0.000688	0.00000887	0.0194	0.0139	0.786	0.0787	0.0000191	209	0.000152	0.0212	0.000885	0.00401	0.0537	0.0000663	38.2	109	0.312	0.0121	161	0.0669	0.0357	0.000204	0.00353	0.00176	2.08	0.00000643	0.0133	0.00211	0.0046	
2050 Mar	1710	0.306	1.03	0.0189	248	0.466	915	0.000688	0.000688	0.00000887	0.0194	0.0139	0.786	0.0787	0.0000191	209	0.000152	0.0212	0.000886	0.004	0.0538	0.0000663	38.2	109	0.312	0.0121	161	0.0669	0.0357	0.000204	0.00353	0.00176	2.08	0.00000643	0.0133	0.00211	0.0046	
2050 Apr	1710	0.307	1.04	0.0189	249	0.468	918	0.000691	0.000691	0.0000089	0.0194	0.014	0.788	0.0789	0.0000192	209	0.000153	0.0213	0.000889	0.00402	0.054	0.0000665	38.3	110	0.313	0.0121	162	0.0671	0.0358	0.000205	0.00354	0.00177	2.08	0.00000645	0.0133	0.00211	0.00461	
2050 May	1740	0.312	1.05	0.0192	253	0.475	933	0.000701	0.000701	0.00000904	0.0197	0.0142	0.801	0.0802	0.0000195	213	0.000155	0.0216	0.000903	0.00408	0.0549	0.0000676	39	111	0.318	0.0123	164	0.0682	0.0364	0.000208	0.0036	0.0018	2.12	0.00000656	0.0136	0.00215	0.00469	
2050 Jun	1420	0.255	0.854	0.0158	206	0.391	759	0.000784	0.000784	0.00000842	0.0176	0.0117	0.654	0.0679	0.0000169	176	0.000131	0.0176	0.000761	0.00346	0.0542	0.0000572	31.9	90.9	0.263	0.01	134	0.0557	0.0393	0.000199	0.00298	0.00147	1.73	0.00000576	0.0111	0.00186	0.00426	
2050 Jul	1370	0.241	0.806	0.015	195	0.378	731	0.000829	0.000829	0.00000848	0.0175	0.0114	0.63	0.066	0.0000167	169	0.000128	0.017	0.000737	0.00337	0.0549	0.0000558	30.8	87.5	0.254	0.00967	126	0.0537	0.041	0.000196	0.00288	0.00142	1.67	0.00000569	0.0106	0.00182	0.00426	
2050 Aug	1510	0.261	0.878	0.0163	212	0.418	812	0.000837	0.000837	0.000009	0.0188	0.0126	0.7	0.0723	0.0000181	187	0.00014	0.0189	0.000808	0.00369	0.0571	0.0000611	34.1	97.2	0.28	0.0107	138	0.0596	0.0416	0.000206	0.00318	0.00157	1.85	0.00000616	0.0118	0.00198	0.00456	
2050 Sep	1620	0.275	0.929	0.0171	224	0.451	879	0.000802	0.000802	0.00000923	0.0196	0.0135	0.756	0.0769	0.0000191	202	0.000149	0.0204	0.000861	0.00393	0.057	0.0000652	36.8	105	0.301	0.0116	145	0.0644	0.0403	0.000206	0.00342	0.0017	2	0.00000646	0.0128	0.00209	0.00472	
2050 Oct	1670	0.281	0.951	0.0175	229	0.466	911	0.000777	0.000777	0.00000929	0.0199	0.0139	0.783	0.0789	0.0000195	208	0.000153	0.0211	0.000884	0.00403	0.0566	0.000067	38.1	109	0.311	0.012	149	0.0667	0.0393	0.000205	0.00353	0.00176	2.07	0.00000659	0.0132	0.00213	0.00478	
2050 Nov	1700	0.284	0.96	0.0177	231	0.472	925	0.00076	0.00076	0.00000929	0.02	0.0141	0.795	0.0798	0.0000196	211	0.000155	0.0214	0.000894	0.00408	0.0561	0.0000677	38.7	110	0.315	0.0122	150	0.0677	0.0386	0.000204	0.00358	0.00178	2.1	0.00000663	0.0134	0.00215	0.0048	
2050 Dec	1700	0.284	0.961	0.0177	231	0.473	927	0.000757	0.000757	0.00000928	0.02	0.0141	0.797	0.0799	0.0000197	212	0.000155	0.0215	0.000895	0.00408	0.056	0.0000678	38.7	111	0.316	0.0122	150	0.0678	0.0384	0.000204	0.00359	0.00179	2.1	0.00000663	0.0135	0.00215	0.0048	
2051 Jan	1700	0.284	0.961	0.0177	231	0.474	927	0.000756	0.000756	0.00000928	0.02	0.0142	0.797	0.0799	0.0000197	212	0.000155	0.0215	0.000896	0.00408	0.056	0.0000678	38.8	111	0.316	0.0122	150	0.0678	0.0384	0.000204	0.00359	0.00179	2.1	0.00000663	0.0135	0.00215	0.0048	
2051 Feb	1700	0.284	0.961	0.0177	231	0.474	927	0.000756	0.000756	0.00000928	0.02	0.0142	0.797	0.0799	0.0000197	212	0.000155	0.0215	0.000896	0.00408	0.056	0.0000678	38.8	111	0.316	0.0122	150	0.0678	0.0384	0.000204	0.00359	0.00179	2.1	0.00000663	0.0135	0.00216	0.0048	
2051 Mar	1700	0.284	0.961	0.0177	231	0.474	928	0.000756	0.000756	0.00000929	0.02	0.0142	0.797	0.08	0.0000197	212	0.000156	0.0215	0.000897	0.00408	0.0561	0.0000678	38.8	111	0.316	0.0123	150	0.0679	0.0384	0.000204	0.00359	0.00179	2.11	0.00000664	0.0135	0.00216	0.0048	
2051 Apr	1710	0.286	0.966	0.0178	232	0.476	932	0.00076	0.00076	0.00000933	0.0201	0.0142	0.801	0.0804	0.0000198	213	0.000156	0.0216	0.000901	0.0041	0.0563	0.0000682	39	111	0.318	0.0123	151	0.0682	0.0386	0.000206	0.00361	0.0018	2.12	0.00000667	0.0136	0.00217	0.00482	
2051 May	1750	0.288	0.976	0.0179	235	0.488	958	0.000738	0.000738	0.00000937	0.0203	0.0146	0.823	0.0824	0.0000201	219	0.00016	0.0222	0.000927	0.0042	0.0567	0.0000697	40	114	0.327	0.0126	153	0.0701	0.0378	0.000215	0.0037	0.00185	2.17	0.00000677	0.0139	0.00222	0.00487	
2051 Jun	1240	0.194	0.633	0.0118	154	0.352	687	0.000699	0.000699	0.00000756	0.0157	0.0107	0.591	0.0644	0.0000152	161	0.000118	0.016	0.000745	0.00317	0.0564	0.0000516	28.9	82.5	0.248	0.00907	99.5	0.0504	0.036	0.000276	0.0027	0.00134	1.58	0.00000519	0.00998	0.00178	0.00385	
2051 Jul	1300	0.2	0.657	0.0123	160	0.372	724	0.000747	0.000747	0.00000803	0.0167	0.0113	0.623	0.0674	0.0000161	169	0.000125	0.0168	0.000778	0.00334	0.0586	0.0000545	30.5	86.9	0.26	0.00956	103	0.0532	0.0381	0.000278	0.00285	0.00141	1.66	0.00000549	0.0105	0.00187	0.00408	
2051 Aug	1420	0.216	0.71	0.0132	173	0.408	797	0.000751	0.000751	0.00000848	0.0178	0.0123	0.685	0.0729	0.0000174	185	0.000136	0.0185	0.000837	0.00362	0.0599	0.0000592	33.5	95.5	0.283	0.0105	112	0.0584	0.0384	0.000278	0.00311	0.00155	1.82	0.0000059	0.0116	0.00199	0.00432	
2051 Sep	1480	0.225	0.73	0.0135	178	0.426	832	0.000731	0.000731	0.00000859	0.0182	0.0128	0.715	0.0752	0.0000179	193	0.00014	0.0193	0.000859	0.00376	0.059	0.0000614	34.9	99.7	0.293	0.011	115	0.061	0.0379	0.000265	0.00323	0.00161	1.9	0.00000606	0.0121	0.00202	0.00437	
2051 Oct	1420	0.222	0.689	0.0128	168	0.413	803	0.00068	0.00068	0.00000816	0.0176	0.0124	0.69	0.072	0.0000171	186	0.000134	0.0186	0.000815	0.00363	0.0546	0.0000589	33.7	96.1	0.279	0.0107	108	0.0588	0.0365	0.000223	0.00309	0.00155	1.83	0.00000579	0.0117	0.00189	0.00407	
2051 Nov	1440	0.224	0.698	0.0129	170	0.42	818	0.000659	0.000659	0.00000815	0.0177	0.0125	0.702	0.0728	0.0000173	189	0.000136	0.019	0.000823	0.00367	0.0538	0.0000597	34.3	97.8	0.283	0.0109	110	0.0598	0.0356	0.000218	0.00314	0.00158	1.86	0.00000583	0.0119	0.00191	0.00408	
2051 Dec	1450	0.224	0.7	0.0129	170	0.422	821	0.000655	0.000655	0.00000814	0.0177	0.0126	0.705	0.073	0.0000173	189	0.000136	0.019	0.000825	0.00368	0.0536	0.0000599	34.4	98.2	0.284	0.0109	110	0.0601	0.0354	0.000217	0.00315	0.00159	1.87	0.00000584	0.0119	0.00191	0.00408	
2052 Jan	1450	0.224	0.699	0.0129	170	0.421	821	0.000655	0.000655	0.00000814	0.0177	0.0126	0.705	0.0729	0.0000173	189	0.000136	0.019	0.000825	0.00368	0.0536	0.0000598	34.4	98.1	0.284	0.0109	110	0.06	0.0354	0.000217	0.00315	0.00158	1.87	0.00000584	0.0119	0.00191	0.00408	
2052 Feb	1450	0.224	0.699	0.0129	170	0.421	820	0.000655	0.000655	0.00000814	0.0177	0.0126	0.705	0.073	0.0000173	189	0.000136	0.019	0.000826	0.00368	0.0537	0.0000598	34.4	98.1	0.284	0.0109	110	0.06	0.0355	0.000217	0.00315	0.00158	1.87	0.00000584	0.0119	0.00191	0.00408	
2052 Mar	1450	0.225	0.7	0.013	170	0.422	821	0.000656	0.000656	0.00000815	0.0177	0.0126	0.705	0.0731	0.0000173	189	0.000136	0.019	0.000827	0.00369	0.0538	0.0000599	34.4	98.2	0.284	0.0109	110	0.0601	0.0355	0.000218	0.00315	0.00159	1.87	0.00000585	0.0119	0.00191	0.00409	
2052 Apr	1450	0.225	0.702	0.013	171	0.423	823	0.000658	0.000658	0.00000817	0.0177	0.0126	0.707	0.0733	0.0000174	190	0.000137	0.0191	0.000829	0.0037	0.054	0.0000601	34.5	98.5	0.285	0

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2054 Dec	1760	0.206	0.649	0.0119	159	0.535	1060	0.000586	0.000586	0.00000921	0.0206	0.0161	0.907	0.094	0.0000211	244	0.000171	0.0245	0.0011	0.00461	0.0667	0.0000747	44.3	127	0.375	0.014	102	0.0774	0.0335	0.000373	0.00404	0.00205	2.41	0.00000702	0.0154	0.00248	0.00485	
2055 Jan	1760	0.206	0.648	0.0119	159	0.534	1060	0.000586	0.000586	0.00000921	0.0206	0.0161	0.906	0.094	0.0000211	243	0.000171	0.0245	0.0011	0.00461	0.0667	0.0000746	44.2	127	0.375	0.014	102	0.0773	0.0334	0.000372	0.00404	0.00204	2.41	0.00000702	0.0154	0.00248	0.00485	
2055 Feb	1760	0.206	0.648	0.0119	159	0.534	1060	0.000586	0.000586	0.0000092	0.0205	0.0161	0.906	0.094	0.0000021	243	0.000171	0.0245	0.0011	0.00461	0.0667	0.0000746	44.2	127	0.375	0.0139	102	0.0772	0.0335	0.000373	0.00403	0.00204	2.41	0.00000701	0.0154	0.00248	0.00484	
2055 Mar	1760	0.206	0.648	0.0119	159	0.534	1060	0.000586	0.000586	0.0000092	0.0206	0.0161	0.906	0.094	0.0000021	243	0.000171	0.0245	0.0011	0.00461	0.0668	0.0000746	44.2	127	0.375	0.0139	102	0.0772	0.0335	0.000373	0.00403	0.00204	2.41	0.00000701	0.0154	0.00248	0.00485	
2055 Apr	1770	0.206	0.65	0.012	159	0.536	1060	0.000589	0.000589	0.0000924	0.0206	0.0161	0.909	0.0943	0.0000211	244	0.000171	0.0246	0.00111	0.00463	0.0671	0.0000748	44.3	127	0.376	0.014	102	0.0775	0.0336	0.000375	0.00405	0.00205	2.42	0.00000704	0.0154	0.00249	0.00486	
2055 May	1800	0.21	0.661	0.0122	162	0.545	1080	0.000597	0.000597	0.00000938	0.0209	0.0164	0.923	0.0958	0.0000215	248	0.000174	0.025	0.00112	0.0047	0.0681	0.000076	45.1	129	0.382	0.0142	104	0.0788	0.0341	0.00038	0.00411	0.00208	2.46	0.00000715	0.0157	0.00253	0.00494	
2055 Jun	1280	0.145	0.455	0.00862	112	0.393	769	0.000689	0.000689	0.000008	0.0169	0.0119	0.661	0.0703	0.0000166	179	0.00013	0.0179	0.00081	0.00348	0.0572	0.0000568	32.3	92.2	0.274	0.0102	72	0.0564	0.0357	0.000273	0.003	0.00149	1.76	0.00000562	0.0112	0.00191	0.0041	
2055 Jul	1220	0.137	0.428	0.00822	106	0.375	729	0.000776	0.000776	0.0000082	0.017	0.0114	0.627	0.0677	0.0000164	170	0.000126	0.0169	0.000776	0.00337	0.0588	0.0000551	30.7	87.4	0.261	0.00963	67.9	0.0535	0.0393	0.000266	0.00287	0.00142	1.67	0.00000557	0.0106	0.00187	0.00414	
2055 Aug	1340	0.148	0.467	0.00895	116	0.414	807	0.000804	0.000804	0.0000088	0.0184	0.0125	0.694	0.074	0.0000178	188	0.000138	0.0187	0.000848	0.00369	0.062	0.0000604	33.9	96.7	0.287	0.0107	74.1	0.0592	0.0408	0.000281	0.00316	0.00157	1.85	0.00000606	0.0117	0.00203	0.00447	
2055 Sep	1430	0.155	0.491	0.00934	121	0.442	865	0.000776	0.000776	0.00000901	0.0191	0.0133	0.744	0.078	0.0000187	200	0.000147	0.0201	0.000892	0.0039	0.0617	0.000064	36.3	104	0.305	0.0114	77.7	0.0634	0.0397	0.000277	0.00337	0.00168	1.98	0.00000633	0.0126	0.00212	0.00462	
2055 Oct	1480	0.158	0.503	0.00954	124	0.458	897	0.000752	0.000752	0.00000908	0.0194	0.0138	0.771	0.08	0.0000191	207	0.000151	0.0208	0.000915	0.00401	0.0611	0.0000658	37.6	107	0.314	0.0118	79.6	0.0657	0.0388	0.000274	0.00348	0.00174	2.05	0.00000646	0.013	0.00217	0.00469	
2055 Nov	1500	0.159	0.509	0.00962	125	0.465	913	0.000731	0.000731	0.00000907	0.0195	0.014	0.784	0.0808	0.0000193	210	0.000153	0.0212	0.000924	0.00405	0.0603	0.0000666	38.2	109	0.319	0.012	80.3	0.0668	0.0378	0.00027	0.00354	0.00177	2.08	0.00000651	0.0133	0.00219	0.0047	
2055 Dec	1510	0.159	0.51	0.00963	125	0.467	918	0.000721	0.000721	0.00000905	0.0195	0.0141	0.788	0.081	0.0000193	211	0.000153	0.0213	0.000926	0.00406	0.0599	0.0000668	38.4	110	0.32	0.0121	80.5	0.0672	0.0374	0.000268	0.00355	0.00177	2.09	0.00000651	0.0133	0.00219	0.0047	
2056 Jan	1510	0.159	0.51	0.00962	125	0.467	917	0.000721	0.000721	0.00000905	0.0195	0.014	0.788	0.081	0.0000193	211	0.000153	0.0213	0.000926	0.00406	0.0599	0.0000668	38.4	110	0.32	0.0121	80.4	0.0671	0.0374	0.000268	0.00355	0.00177	2.09	0.00000651	0.0133	0.00219	0.00469	
2056 Feb	1510	0.159	0.509	0.00962	125	0.467	917	0.000722	0.000722	0.00000905	0.0195	0.014	0.788	0.081	0.0000193	211	0.000153	0.0213	0.000926	0.00406	0.06	0.0000668	38.4	110	0.32	0.0121	80.4	0.0671	0.0374	0.000269	0.00355	0.00177	2.09	0.00000651	0.0133	0.00219	0.00469	
2056 Mar	1510	0.16	0.509	0.00962	125	0.467	917	0.000722	0.000722	0.00000905	0.0195	0.014	0.788	0.0811	0.0000193	211	0.000153	0.0213	0.000927	0.00406	0.0601	0.0000668	38.4	110	0.32	0.0121	80.4	0.0671	0.0374	0.000269	0.00355	0.00177	2.09	0.00000651	0.0133	0.00219	0.0047	
2056 Apr	1520	0.16	0.512	0.00966	126	0.469	921	0.000725	0.000725	0.00000909	0.0196	0.0141	0.791	0.0814	0.0000194	212	0.000154	0.0214	0.000931	0.00408	0.0603	0.0000671	38.6	110	0.321	0.0122	80.8	0.0674	0.0376	0.000271	0.00357	0.00178	2.1	0.00000654	0.0134	0.0022	0.00471	
2056 May	1460	0.158	0.493	0.00934	122	0.452	886	0.000756	0.000756	0.00000903	0.0192	0.0137	0.761	0.0808	0.0000189	206	0.000149	0.0206	0.000934	0.004	0.0649	0.0000651	37.2	106	0.316	0.0117	78	0.0649	0.0395	0.000318	0.00344	0.00172	2.03	0.0000064	0.0129	0.00219	0.00464	
2056 Jun	1120	0.137	0.374	0.00724	96.9	0.345	668	0.000849	0.000849	0.00000819	0.0163	0.0108	0.574	0.0725	0.0000156	164	0.000118	0.0156	0.000886	0.00335	0.0815	0.0000517	28.5	81.1	0.268	0.00884	60.3	0.0493	0.0459	0.000509	0.00265	0.00133	1.57	0.00000537	0.00969	0.00202	0.004	
2056 Jul	1250	0.148	0.409	0.0079	105	0.386	750	0.000873	0.000873	0.0000088	0.0177	0.012	0.644	0.0791	0.0000172	182	0.000131	0.0175	0.000961	0.00369	0.0847	0.0000573	31.9	90.8	0.296	0.00992	65.8	0.0552	0.0473	0.000525	0.00296	0.00149	1.76	0.00000587	0.0109	0.00219	0.00434	
2056 Aug	1380	0.156	0.44	0.00845	113	0.426	829	0.00087	0.00087	0.00000926	0.0189	0.0132	0.712	0.0848	0.0000185	200	0.000143	0.0193	0.00102	0.00399	0.0856	0.0000625	35.2	100	0.321	0.011	70.7	0.061	0.0472	0.000522	0.00325	0.00164	1.94	0.00000631	0.012	0.00232	0.0046	
2056 Sep	1480	0.162	0.465	0.00886	118	0.458	896	0.000844	0.000844	0.00000952	0.0198	0.0141	0.769	0.0891	0.0000195	214	0.000152	0.0208	0.00107	0.00422	0.0848	0.0000665	37.9	108	0.34	0.0118	74.4	0.0658	0.0461	0.000513	0.00349	0.00176	2.08	0.00000663	0.013	0.00242	0.00479	
2056 Oct	1540	0.162	0.475	0.00898	120	0.48	943	0.000763	0.000763	0.0000094	0.02	0.0147	0.808	0.0904	0.0000199	222	0.000157	0.0219	0.00108	0.00433	0.0794	0.0000688	39.7	113	0.35	0.0124	75.7	0.0691	0.0422	0.000474	0.00365	0.00184	2.18	0.00000673	0.0137	0.00244	0.0048	
2056 Nov	1550	0.162	0.474	0.00896	119	0.483	950	0.000739	0.000739	0.00000932	0.0199	0.0147	0.815	0.0903	0.00002	223	0.000158	0.0221	0.00107	0.00434	0.0774	0.0000691	40	114	0.351	0.0125	75.6	0.0696	0.041	0.000457	0.00367	0.00185	2.19	0.00000672	0.0138	0.00243	0.00477	
2056 Dec	1550	0.162	0.474	0.00895	119	0.484	952	0.000732	0.000732	0.0000093	0.0199	0.0148	0.816	0.0902	0.00002	224	0.000158	0.0221	0.00107	0.00434	0.0769	0.0000691	40.1	114	0.351	0.0126	75.6	0.0698	0.0407	0.000454	0.00368	0.00186	2.19	0.00000672	0.0138	0.00242	0.00477	
2057 Jan	1550	0.162	0.474	0.00895	119	0.484	952	0.000732	0.000732	0.0000093	0.0199	0.0148	0.816	0.0902	0.00002	224	0.000158	0.0221	0.00107	0.00434	0.077	0.0000691	40	114	0.351	0.0126	75.6	0.0697	0.0407	0.000454	0.00367	0.00186	2.19	0.00000672	0.0138	0.00242	0.00477	
2057 Feb	1550	0.162	0.474	0.00895	119	0.484	952	0.000732	0.000732	0.0000093	0.0199	0.0147	0.816	0.0902	0.0000199	223	0.000158	0.0221	0.00107	0.00434	0.077	0.0000691	40	114	0.351	0.0126	75.5	0.0697	0.0407	0.000454	0.00367	0.00186	2.19	0.00000671	0.0138	0.00242	0.00476	
2057 Mar	1560	0.162	0.475	0.00896	119	0.484	952	0.000733	0.000733	0.0000093	0.0199	0.0148	0.817	0.0903	0.00002	224	0.000158	0.0221	0.00107	0.00434	0.0771	0.0000691	40.1	114	0.351	0.0126	75.6	0.0698	0.0408	0.000455	0.00368	0.00186	2.19	0.00000672	0.0138	0.00243	0.00477	
2057 Apr	1560	0.163	0.477	0.009	120	0.487	957	0.000737	0.000737	0.0000095	0.02	0.0148	0.82	0.0907	0.0000201	225	0.000159	0.0222	0.00108	0.00436	0.0775	0.0000694	40.3	115	0.353	0.0126	75.9	0.0701	0.041	0.000457	0.00369	0.00187	2.2	0.00000675	0.0139	0.00244	0.00479	
2057 May	1590	0.166	0.485	0.00916	122	0.496	975	0.000751	0.000751	0.0000095	0.0204	0.0151	0.836	0.0926	0.0000204	229	0.000162	0.0226	0.0011	0.00445	0.0792	0.0000708	41	117	0.36	0.0129	77.4	0.0715	0.0418	0.000468	0.00377	0.0019	2.25	0.00000688	0.0142	0.00249	0.00488	
2057 Jun	1180	0.128	0.354	0.00692	91.5	0.368	712	0.000845	0.000845	0.0000084	0.017	0.0114	0.613	0.0736	0.0000164	172	0.000125	0.0166	0.000882	0.00348	0.0767	0.0000546	30.3	86.1	0.276	0.00943	57.1	0.0525	0.045	0.000448	0.00282	0.00141	1.66	0.00000561	0.0103	0.00204	0.00416	
2057 Jul	1270	0.134	0.375	0.00731	96.4	0.397	771	0.000873	0.000873	0.0000089	0.0182	0.0122	0.663	0.0782	0.0000176	185	0.000134	0.018	0.000933	0.00372	0.0788	0.0000587	32.7	93.2	0.295	0.0102	60.3	0.0568	0.0463	0.000453	0.00304	0.00152	1.8	0.000006	0.0112	0.00216	0.00444	
2057 Aug	1430	0.146	0.417	0.00808	107	0.449	876	0.000904	0.000904	0.00000971	0.02	0.0138	0.753	0.0867	0.0000195	209	0.000151	0.0204	0.00103	0.00415	0.0833	0.0000658	37.1	106	0.33	0.0116	66.9	0.0644	0.0482	0.000476	0.00343	0.00172	2.03	0.00000664	0.0127	0.00238	0.00487	
2057 Sep	1560	0.151	0.441	0.00844	111	0.491	963	0.000827	0.000827	0.00000984	0.0208	0.015	0.826	0.0914	0.0000206	226	0.000162	0.0224	0.00108	0.00442	0.0798	0.0000707	40.5	116	0.354	0.0127	70.4	0.0706	0.0446	0.000452	0.00374	0.00188	2.22	0.00000696	0.014	0.00249	0.00503	
2057 Oct	1630	0.15	0.449	0.00851	112	0.515	1020	0.000722	0.000722	0.00000963	0.0209	0.0156	0.87	0.0929	0.0000221	236	0.000168	0.0236	0.00109	0.00453	0.0735	0.0000731	42.6	122	0.366	0.0134	71.4	0.0743	0.0396	0.000411	0.00392	0.00197	2.33	0.00000705	0.0147	0.0025	0.00502	
2057 Nov	1630	0.15	0.448	0.00848	112	0.516	1020	0.000706	0.000706	0.00000957	0.0209	0.0156	0.874	0.0928	0.0000221	236	0.000168	0.0236	0.00109	0.00453	0.0723	0.0000732	42.7	122	0.366	0.0134	71.2	0.0745	0.0388	0.000401	0.00392	0.00198	2.33	0.00000704	0.0148	0.00249	0.00499	
2057 Dec	1630	0.149	0.448	0.00847	112	0.517	1020	0.000701	0.000701	0.00000955	0.0208	0.0156	0.874	0.0927	0.0000221	236	0.000168	0.0237	0.00109	0.00453	0.0719	0.0000732	42.7	122	0.366	0.0134	71.2	0.0746	0.0386	0.000399	0.00393	0.00198	2.33	0.00000703	0.0148	0.00249	0.00499	
2058 Jan	1630	0.149	0.447	0.00846	112	0.517	1020	0.000699	0.000699	0.00000954	0.0208	0.0156	0.874	0.0927	0.0000221	236	0.000168	0.0237	0.00109	0.00453	0.0718	0.0000732	42.7	122	0.366	0.0134	71.1	0.0746	0.0385	0.000398	0.00393	0.00198	2.33	0.00000703	0.0148	0.00249	0.00498	
2058 Feb	1630	0.149	0.447	0.00846	112	0.517	1020	0.000699	0.000699	0.00000954	0.0208	0.0156	0.874	0.0927	0.0000221	236	0.000168	0.0236	0.00109	0.00453	0.0718	0.0000732	42.7	122	0.366	0.0134	71.1	0.0746	0.0385	0.000398	0.00393	0.00198	2.33	0.00000703	0.0148	0.00249	0.00498	
2058 Mar	1630	0.149	0.447	0.00846	112	0.517	1020	0.000699	0.000699	0.00000954	0.0208	0.0156	0.874	0.0927	0.0000221	236	0.000168	0.0237	0.00109	0.00453	0.0719	0.0000732	42.7	122	0.366	0.0134	71.1	0.0746	0.0385	0.000398	0.00393	0.00198	2.33	0.00000703	0.0148	0.00249	0.00498	
2058 Apr	1640	0.15	0.448	0.00848	112	0.518	1020	0.000701	0.000701	0.00000957	0.0209	0.0157	0.877	0.093	0.0000221	237	0.000169	0.0237	0.00109	0.00454	0.0721	0.0000734	42.9	123	0.367	0.0135	71.3	0.0748	0.0386	0.000399	0.00394	0.00198	2.34	0.00000705	0.0149	0.0025	0.005	
2058 May	1560	0.14	0.412	0.00778	104	0.494	977	0.000645	0.000645	0.00000902	0.0197	0.015	0.837	0.0899	0.00002	227	0.000161	0.0227	0.00107	0.00435	0.0713	0.0000699	41	117	0.355	0.0129	65.6	0.0715	0.0363	0.00042	0.00376	0.0019	2.24	0.00000668	0.0142	0.00242	0.00472	
2058 Jun	1040	0.104	0.248	0.00483	67.4	0.328	643	0.000657	0.000657	0.00000708	0.0144	0.0103	0.551	0.0713	0.0000143	159	0.00011	0.015	0.000898	0.00319	0.0801	0.0000482	27.5	78.2	0.267	0.00849	40.8	0.0474	0.0382	0.000573	0.00252	0.00128	1.52	0.00000485	0.00932	0.00196	0.00352	
2058 Jul	1160	0.112	0.274	0.00531	73.8	0.366	719	0.000681	0.000681	0.00000766	0.0158	0.0115	0.616	0.0777	0.0000157	176	0.000122	0.0168	0.000973	0.00351	0.0838	0.0000534	30.6	87.3	0.293	0.0095	44.9	0.0529	0.0397	0.000595	0.00281	0.00143	1.69	0.00000532	0.0104	0.00213	0.00384	
2058 Aug	1310	0.12	0.306	0.00586	81.1	0.415	817	0.000673	0.000673	0.0000082	0.0173	0.0129	0.7	0.0847	0.0000173	197	0.000137	0.019	0.00105	0.00388	0.0851	0.0000597	34.7	98.9	0.324	0.0108	49.7	0.06	0.0395	0.000598	0.00317	0.00161	1.91	0.00000585	0.0119	0.00231	0.00418	
2058 Sep	1420	0.124	0.328	0.00622	85.6	0.452	895	0.000622	0.000622	0.00000841	0.0181	0.0139	0.766	0.0887	0.0000184	213	0.000148	0.0208	0.00109	0.00412	0.0814	0.0000642	37.7	108	0.344	0.0118	52.9	0.0656	0.037	0.000561	0.00345	0.00175	2.08	0.00000618	0.013	0.0024	0.00435	
2058 Oct	1480	0.125	0.338	0.00637	87.3	0.473	939	0.000564	0.000564	0.00000839	0.0185	0.0145	0.804	0.0898	0.0000189	221	0.000153	0.0218	0.00109	0.00423	0.0761	0.0000666	39.5	113	0.353	0.0124	54.4	0.0687	0.034	0.000514	0.0036	0.00183	2.17	0.00000631	0.0136	0.00241	0.0044	
2058 Nov	1490	0.125	0.341	0.00641	87.7	0.477	948	0.000556	0.000556	0.0000084	0.0186	0.0146	0.811	0.0901	0.0000019	223	0.000154	0.022	0.0011	0.00425	0.0754	0.0000671	39.8	114	0.355	0.0125	54.7	0.0694	0.0336	0.000507	0.00363	0.00185	2.19	0.00000634	0.0138	0.00241	0.00442	
2058 Dec	1500	0.125	0.341	0.00641	87.7	0.478	949	0.000554	0.000554	0.00000839	0.0186	0.0146	0.812	0.0901	0.0000019	223	0.000154	0.022	0.00109	0.00426	0.0751	0.0000671	39.9	114	0.355	0.0125	54.7	0.0694	0.0335	0.000505	0.00363	0.00185	2.19	0.00000634	0.0138	0.00241	0.00441	
2059 Jan	1500	0.125	0.341	0.0064	87.7	0.478	949	0.000553	0.000553	0.00000839	0.0186	0.0146	0.812	0.0901	0.0000019	223	0.000154	0.022	0.00109	0.00425	0.0751	0.0000671	39.9	114	0.355	0.0125	54.7	0.0694	0.0334	0.000504	0.00363	0.00185	2.19	0.00000634	0.0138	0.00241	0.00441	
2059 Feb	1500	0.125	0.341	0.0064	87.7	0.478	949	0.000553	0.000553	0.00000839	0.0186	0.0146	0.812	0.0901	0.0000019	223	0.000154	0.022	0.00109	0.00425	0.0751	0.0000671	39.9	114	0.355	0.0125	54.7	0.0694	0.0335	0.000504	0.00363	0.00185	2.19	0.00000634	0.0138	0.00241	0.00441	
2059 Mar	1500	0.125	0.341	0.0064	87.7	0.478	949	0.000553	0.000553	0.00000839	0.0185	0.0146	0.811	0.0901	0.0000019	223	0.000154	0.022	0.00109	0.00425	0.0751	0.0000671	39.8	114	0.355	0.0125	54.7	0.0694	0.0335	0.000504	0.00363	0.00185	2.19	0.00000634	0.0138	0.00241	0.00441	
2059 Apr	1500	0.125	0.342	0.00642	88	0.479	952	0.000555	0.000555	0.00000841	0.0186	0.0147	0.814	0.0904	0.0000191	223	0.000155	0.0221	0.0011	0.00427	0.0754	0.0000673	40	114	0.356	0.0125	54.9	0.0696	0.0336	0.000506	0.00364	0.00185	2.19	0.00000636	0.0138	0.00242	0.00443	
2059 May	1490	0.125	0.338	0.00635	87.2	0.477	947	0.000561	0.000561	0.00000842	0.0186	0.0146	0.81	0.0905	0.0000019	223	0.000154	0.022	0.0011	0.00426	0.0765	0.0000671	39.8	114	0.356	0.0125	54.3	0.0693	0.034	0.000518	0.00363	0.00185	2.18	0.00000635	0.0137	0.00243	0.00442	
2059 Jun	1300	0.116	0.289	0.00554	77.1	0.416	821	0.000637	0.000637	0.00000804	0.0171	0.0129	0.703	0.0845	0.0000172	198	0.000137	0.0191	0.00105	0.00387	0.0833	0.0000596	34.8	99.4	0.324	0.0108	47.1	0.0603	0.038	0.000589	0.00318	0.00162	1.92	0.0000058	0.0119	0.00229	0.00411	
2059 Jul	1450	0.126	0.318	0.00607	84.3	0.462	913	0.000672	0.000672	0.00000876	0.0188	0.0143	0.781	0.0925	0.0000019	219	0.000151	0.0212	0.00114	0.00426	0.0886	0.0000659	38.6	110	0.357	0.012	51.7	0.0669	0.0402	0.000622	0.00353	0.0018	2.13	0.00000637	0.0132	0.00251	0.0045	
2059 Aug	1580	0.134	0.345	0.00657	91	0.506	1000	0.000691	0.000691	0.00000938	0.0203	0.0156	0.857	0.0998	0.0000206	239	0.000165	0.0233	0.00123	0.00463	0.0925	0.0000719	42.3	121	0.387	0.0132	56	0.0734	0.0415	0.000645	0.00386	0.00197	2.33	0.0000069	0.0145	0.0027	0.00486	
2059 Sep	1660	0.137	0.357	0.00677	93.5	0.531	1050	0.000669	0.000669	0.00000958	0.0209	0.0163	0.901	0.103	0.0000214	249	0.000172	0.0245	0.00126	0.0048	0.0907	0.000075	44.4	127	0.401	0.0139	57.8	0.0771	0.0405	0.000623	0.00404	0.00206	2.44	0.00000715	0.0153	0.00276	0.00499	
2059 Oct	1570	0.132	0.331	0.00629	86.4	0.506	999	0.000618

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2062 Jun	1140	0.08	0.186	0.00382	50.3	0.38	741	0.000669	0.000669	0.00000773	0.0163	0.0116	0.636	0.0711	0.000016	175	0.000125	0.0172	0.000838	0.00344	0.0631	0.0000548	31.2	89.1	0.273	0.00981	30.6	0.0543	0.0366	0.000347	0.00288	0.00145	1.71	0.00000542	0.0108	0.00192	0.00389	
2062 Jul	1070	0.0732	0.172	0.00364	46.7	0.357	693	0.000744	0.000744	0.00000782	0.0162	0.0109	0.596	0.0671	0.0000156	164	0.00012	0.0161	0.000784	0.00327	0.0624	0.0000524	29.3	83.4	0.255	0.00917	28.4	0.0509	0.0392	0.00032	0.00272	0.00136	1.6	0.00000531	0.0101	0.00184	0.0039	
2062 Aug	1190	0.0765	0.186	0.00387	49.9	0.398	775	0.000721	0.000721	0.0000082	0.0172	0.0121	0.666	0.0727	0.0000169	182	0.000131	0.018	0.000845	0.00357	0.0621	0.0000575	32.6	93.1	0.28	0.0103	30.5	0.0569	0.0381	0.000312	0.00301	0.00151	1.78	0.00000572	0.0113	0.00196	0.00413	
2062 Sep	1260	0.0787	0.193	0.00396	51.2	0.424	829	0.000668	0.000668	0.00000825	0.0177	0.0128	0.712	0.0756	0.0000175	192	0.000138	0.0192	0.000873	0.00374	0.0595	0.0000605	34.8	99.3	0.295	0.011	31.5	0.0607	0.0358	0.000291	0.0032	0.00161	1.9	0.00000591	0.012	0.00201	0.0042	
2062 Oct	1160	0.0826	0.171	0.00353	46	0.394	764	0.000605	0.000605	0.00000755	0.0165	0.0117	0.656	0.069	0.0000161	177	0.000126	0.0177	0.000783	0.00346	0.0518	0.0000556	32	91.5	0.266	0.0102	28.2	0.0559	0.0338	0.000218	0.00292	0.00148	1.75	0.00000543	0.0111	0.00178	0.00373	
2062 Nov	1170	0.0829	0.171	0.00353	46	0.395	768	0.000596	0.000596	0.00000753	0.0165	0.0118	0.659	0.069	0.0000161	178	0.000127	0.0178	0.000783	0.00347	0.0513	0.0000558	32.2	91.9	0.267	0.0102	28.2	0.0562	0.0335	0.000213	0.00293	0.00148	1.75	0.00000543	0.0112	0.00177	0.00372	
2062 Dec	1170	0.0828	0.172	0.00354	46.1	0.398	773	0.000589	0.000589	0.00000753	0.0165	0.0119	0.663	0.0693	0.0000162	179	0.000127	0.0179	0.000786	0.00348	0.051	0.0000561	32.4	92.4	0.268	0.0103	28.2	0.0565	0.0331	0.000211	0.00294	0.00149	1.76	0.00000544	0.0112	0.00178	0.00372	
2063 Jan	1180	0.0827	0.172	0.00354	46.1	0.398	774	0.000587	0.000587	0.00000752	0.0165	0.0119	0.665	0.0693	0.0000162	179	0.000127	0.0179	0.000787	0.00349	0.0509	0.0000561	32.4	92.6	0.269	0.0103	28.3	0.0566	0.033	0.000211	0.00295	0.00149	1.77	0.00000545	0.0113	0.00178	0.00372	
2063 Feb	1180	0.0827	0.172	0.00354	46.1	0.398	774	0.000587	0.000587	0.00000752	0.0165	0.0119	0.665	0.0694	0.0000162	179	0.000127	0.0179	0.000787	0.00349	0.0509	0.0000561	32.4	92.6	0.269	0.0103	28.3	0.0566	0.033	0.000211	0.00295	0.00149	1.77	0.00000545	0.0113	0.00178	0.00372	
2063 Mar	1180	0.0828	0.172	0.00354	46.1	0.398	774	0.000587	0.000587	0.00000752	0.0165	0.0119	0.665	0.0694	0.0000162	179	0.000127	0.0179	0.000788	0.00349	0.051	0.0000561	32.4	92.6	0.269	0.0103	28.3	0.0566	0.033	0.000212	0.00295	0.0015	1.77	0.00000546	0.0113	0.00178	0.00373	
2063 Apr	1180	0.083	0.172	0.00355	46.2	0.399	776	0.000589	0.000589	0.00000754	0.0165	0.0119	0.666	0.0696	0.0000162	179	0.000128	0.018	0.00079	0.0035	0.0512	0.0000563	32.5	92.9	0.27	0.0103	28.3	0.0568	0.0331	0.000212	0.00296	0.0015	1.77	0.00000546	0.0113	0.00179	0.00373	
2063 May	1150	0.0838	0.168	0.00349	45.9	0.389	755	0.000617	0.000617	0.00000756	0.0164	0.0117	0.648	0.0696	0.0000166	176	0.000125	0.0175	0.000798	0.00346	0.0551	0.0000551	31.7	90.5	0.267	0.01	27.9	0.0552	0.0348	0.000252	0.00289	0.00146	1.73	0.0000054	0.011	0.0018	0.00371	
2063 Jun	724	0.0663	0.106	0.00247	33.1	0.243	460	0.000778	0.000778	0.0000066	0.0127	0.00764	0.396	0.0539	0.0000117	116	0.0000848	0.0108	0.000655	0.00249	0.0679	0.0000375	19.9	56.1	0.191	0.00614	18.7	0.0341	0.042	0.0004	0.00185	0.000925	1.1	0.00000408	0.00667	0.00149	0.00305	
2063 Jul	809	0.0688	0.116	0.00267	35.5	0.272	517	0.000802	0.000802	0.00000706	0.0138	0.00849	0.446	0.0584	0.0000128	129	0.000094	0.0121	0.000704	0.00272	0.0698	0.0000415	22.2	62.9	0.21	0.0069	20.2	0.0383	0.0432	0.000405	0.00207	0.00103	1.23	0.00000445	0.00751	0.00161	0.00331	
2063 Aug	934	0.0733	0.131	0.00294	39.1	0.314	602	0.000809	0.000809	0.0000076	0.0152	0.00973	0.518	0.0649	0.0000143	148	0.000107	0.014	0.000778	0.00305	0.0721	0.0000471	25.7	73	0.237	0.00801	22.6	0.0444	0.0438	0.000415	0.00238	0.0012	1.42	0.00000493	0.00874	0.00177	0.00363	
2063 Sep	1050	0.0737	0.143	0.0031	41.1	0.355	686	0.000738	0.000738	0.00000775	0.0159	0.0109	0.589	0.0692	0.0000154	164	0.000118	0.016	0.000821	0.00331	0.0678	0.0000518	29.1	82.8	0.26	0.00911	24.2	0.0504	0.0402	0.00038	0.00267	0.00135	1.6	0.00000525	0.00996	0.00186	0.00378	
2063 Oct	1140	0.0733	0.151	0.00318	42.2	0.384	748	0.000656	0.000656	0.00000771	0.0164	0.0117	0.642	0.0718	0.0000161	177	0.000126	0.0174	0.000845	0.00347	0.063	0.0000551	31.5	90	0.275	0.00992	25.2	0.0549	0.0363	0.000346	0.00289	0.00146	1.73	0.00000544	0.0109	0.00191	0.00385	
2063 Nov	1150	0.0736	0.151	0.00318	42.2	0.388	757	0.000639	0.000639	0.00000768	0.0164	0.0118	0.649	0.0719	0.0000161	178	0.000126	0.0176	0.000845	0.00349	0.0617	0.0000555	31.9	90.9	0.277	0.01	25.3	0.0555	0.0356	0.000334	0.00292	0.00147	1.74	0.00000545	0.011	0.00191	0.00384	
2063 Dec	1150	0.0736	0.152	0.00318	42.3	0.389	760	0.000634	0.000634	0.00000767	0.0164	0.0118	0.652	0.0721	0.0000162	179	0.000127	0.0176	0.000846	0.0035	0.0613	0.0000557	32	91.3	0.277	0.0101	25.3	0.0557	0.0353	0.000332	0.00293	0.00148	1.75	0.00000546	0.011	0.00191	0.00384	
2064 Jan	1160	0.0735	0.152	0.00318	42.3	0.391	762	0.00063	0.00063	0.00000767	0.0164	0.0118	0.654	0.0721	0.0000162	179	0.000127	0.0177	0.000847	0.00351	0.0611	0.0000558	32.1	91.6	0.278	0.0101	25.3	0.0559	0.0351	0.000331	0.00294	0.00148	1.76	0.00000547	0.0111	0.00191	0.00384	
2064 Feb	1160	0.0735	0.152	0.00318	42.3	0.391	763	0.000629	0.000629	0.00000767	0.0164	0.0118	0.655	0.0722	0.0000162	179	0.000127	0.0177	0.000847	0.00351	0.0612	0.0000558	32.1	91.7	0.278	0.0101	25.3	0.0559	0.0351	0.000331	0.00294	0.00149	1.76	0.00000547	0.0111	0.00191	0.00384	
2064 Mar	1160	0.0736	0.152	0.00319	42.3	0.391	764	0.00063	0.00063	0.00000768	0.0164	0.0119	0.656	0.0723	0.0000162	179	0.000127	0.0177	0.000849	0.00351	0.0613	0.0000559	32.2	91.8	0.279	0.0101	25.4	0.056	0.0352	0.000331	0.00294	0.00149	1.76	0.00000547	0.0111	0.00192	0.00385	
2064 Apr	1160	0.0738	0.153	0.0032	42.5	0.392	766	0.000632	0.000632	0.0000077	0.0165	0.0119	0.657	0.0725	0.0000163	180	0.000128	0.0178	0.000851	0.00352	0.0615	0.000056	32.2	92	0.279	0.0102	25.5	0.0561	0.0353	0.000332	0.00295	0.00149	1.76	0.00000549	0.0111	0.00192	0.00386	
2064 May	1110	0.0726	0.144	0.00301	40.9	0.374	731	0.000629	0.000629	0.00000747	0.0158	0.0114	0.627	0.0716	0.0000156	173	0.000122	0.017	0.000855	0.00342	0.0653	0.0000537	30.8	88	0.274	0.00968	24.2	0.0536	0.0356	0.000386	0.00282	0.00143	1.69	0.00000529	0.0106	0.00191	0.00373	
2064 Jun	871	0.07	0.11	0.0024	35.3	0.289	560	0.000691	0.000691	0.00000676	0.0134	0.00919	0.481	0.066	0.0000013	141	0.0000983	0.0131	0.000837	0.00292	0.0804	0.0000431	24.1	68.5	0.241	0.00743	19.4	0.0414	0.04	0.000572	0.00221	0.00113	1.34	0.00000446	0.00813	0.00182	0.00325	
2064 Jul	996	0.0741	0.123	0.00265	38.6	0.332	646	0.000702	0.000702	0.00000732	0.0148	0.0104	0.553	0.0727	0.0000145	160	0.000111	0.0151	0.000913	0.00326	0.0832	0.0000488	27.6	78.6	0.269	0.00855	21.5	0.0476	0.0408	0.000586	0.00253	0.00129	1.53	0.00000495	0.00937	0.00199	0.00357	
2064 Aug	1120	0.076	0.135	0.00285	41	0.372	728	0.000684	0.000684	0.00000772	0.016	0.0116	0.624	0.0779	0.0000159	178	0.000123	0.017	0.000969	0.00355	0.0824	0.000054	31	88.4	0.293	0.00964	23.3	0.0536	0.0399	0.00057	0.00283	0.00144	1.71	0.00000538	0.0106	0.00211	0.00383	
2064 Sep	1230	0.0725	0.143	0.00293	41.3	0.412	810	0.00058	0.00058	0.0000077	0.0165	0.0126	0.694	0.0797	0.0000168	192	0.000133	0.0188	0.000968	0.00374	0.0715	0.0000583	34.2	97.6	0.308	0.0107	24.1	0.0593	0.0341	0.000471	0.00311	0.00159	1.88	0.00000563	0.0118	0.00212	0.00391	
2064 Oct	1310	0.0703	0.15	0.003	42	0.442	875	0.000497	0.000497	0.00000767	0.017	0.0134	0.749	0.0818	0.0000175	204	0.000141	0.0203	0.000983	0.0039	0.0651	0.0000618	36.7	105	0.322	0.0115	25	0.064	0.0298	0.000419	0.00334	0.0017	2.01	0.00000582	0.0127	0.00216	0.004	
2064 Nov	1330	0.0698	0.152	0.00302	42.1	0.449	890	0.000479	0.000479	0.00000767	0.0171	0.0136	0.761	0.0823	0.0000176	207	0.000143	0.0206	0.000987	0.00394	0.0637	0.0000626	37.3	107	0.326	0.0117	25.2	0.065	0.0289	0.000408	0.00339	0.00173	2.04	0.00000587	0.0129	0.00217	0.00402	
2064 Dec	1340	0.0697	0.152	0.00302	42.1	0.45	892	0.000477	0.000477	0.00000767	0.0171	0.0136	0.763	0.0823	0.0000176	208	0.000143	0.0207	0.000986	0.00394	0.0635	0.0000627	37.4	107	0.326	0.0118	25.2	0.0651	0.0287	0.000406	0.00339	0.00173	2.05	0.00000587	0.0129	0.00217	0.00402	
2065 Jan	1340	0.0696	0.152	0.00302	42.1	0.45	893	0.000475	0.000475	0.00000766	0.0171	0.0137	0.764	0.0824	0.0000177	208	0.000143	0.0207	0.000986	0.00394	0.0633	0.0000627	37.4	107	0.326	0.0118	25.2	0.0652	0.0286	0.000404	0.0034	0.00173	2.05	0.00000588	0.013	0.00217	0.00402	
2065 Feb	1340	0.0696	0.152	0.00302	42.1	0.45	893	0.000474	0.000474	0.00000766	0.0171	0.0137	0.764	0.0824	0.0000177	208	0.000144	0.0207	0.000987	0.00394	0.0633	0.0000627	37.4	107	0.326	0.0118	25.2	0.0652	0.0286	0.000404	0.0034	0.00173	2.05	0.00000588	0.013	0.00217	0.00402	
2065 Mar	1340	0.0698	0.152	0.00303	42.2	0.451	894	0.000475	0.000475	0.00000768	0.0171	0.0137	0.765	0.0825	0.0000177	208	0.000144	0.0207	0.000989	0.00395	0.0635	0.0000628	37.5	107	0.327	0.0118	25.3	0.0653	0.0287	0.000405	0.0034	0.00174	2.05	0.00000589	0.013	0.00217	0.00403	
2065 Apr	1350	0.0701	0.153	0.00304	42.4	0.453	899	0.000478	0.000478	0.00000772	0.0172	0.0137	0.769	0.0829	0.0000178	209	0.000144	0.0208	0.000994	0.00397	0.0638	0.0000631	37.7	108	0.329	0.0119	25.4	0.0657	0.0288	0.000407	0.00342	0.00174	2.06	0.00000592	0.013	0.00218	0.00405	
2065 May	1360	0.0683	0.151	0.00299	41.8	0.459	911	0.000451	0.000451	0.00000766	0.0172	0.0139	0.779	0.0834	0.0000179	211	0.000146	0.0211	0.001	0.004	0.0627	0.0000637	38.1	109	0.332	0.012	25	0.0665	0.0276	0.000404	0.00346	0.00177	2.09	0.00000593	0.0132	0.0022	0.00405	
2065 Jun	1120	0.0625	0.124	0.00259	36.1	0.376	740	0.000574	0.000574	0.00000755	0.0155	0.0116	0.634	0.0732	0.0000155	176	0.000123	0.0172	0.000889	0.00343	0.0673	0.0000537	31.2	89.2	0.282	0.00977	21	0.0542	0.033	0.00044	0.00286	0.00145	1.72	0.00000523	0.0107	0.00197	0.0037	
2065 Jul	1240	0.0664	0.136	0.00284	39.2	0.418	825	0.000607	0.000607	0.00000792	0.017	0.0128	0.707	0.0801	0.0000172	195	0.000137	0.0192	0.000969	0.00378	0.0711	0.0000596	34.8	99.4	0.311	0.0109	22.9	0.0605	0.0348	0.000457	0.00318	0.00161	1.91	0.00000577	0.012	0.00216	0.00408	
2065 Aug	1380	0.0697	0.148	0.00306	42.1	0.466	921	0.000602	0.000602	0.00000847	0.0185	0.0142	0.789	0.0871	0.0000188	216	0.000151	0.0214	0.00105	0.00415	0.0725	0.0000658	38.7	111	0.342	0.0121	24.9	0.0674	0.0348	0.00046	0.00354	0.00179	2.12	0.00000629	0.0134	0.00233	0.00441	
2065 Sep	1420	0.0692	0.148	0.00301	41.2	0.479	949	0.000535	0.000535	0.0000083	0.0185	0.0145	0.812	0.0865	0.0000189	220	0.000153	0.022	0.00103	0.00419	0.0654	0.000067	39.7	114	0.343	0.0125	24.6	0.0693	0.0315	0.000394	0.00362	0.00184	2.17	0.00000631	0.0138	0.00228	0.00435	
2065 Oct	1320	0.0697	0.134	0.00275	37.3	0.451	890	0.00048	0.00048	0.00000768	0.0174	0.0135	0.762	0.0791	0.0000176	205	0.000143	0.0206	0.000921	0.0039	0.0552	0.0000626	37.2	106	0.313	0.0118	22.4	0.0649	0.0289	0.000293	0.00337	0.00172	2.03	0.00000587	0.0129	0.00204	0.00396	
2065 Nov	1320	0.0695	0.133	0.00272	36.9	0.45	888	0.000467	0.000467	0.0000076	0.0173	0.0135	0.76	0.0784	0.0000175	204	0.000142	0.0206	0.00091	0.00388	0.0536	0.0000623	37.1	106	0.311	0.0118	22.2	0.0648	0.0283	0.000278	0.00336	0.00171	2.02	0.00000584	0.0129	0.00202	0.00392	
2065 Dec	1320	0.0695	0.133	0.00272	36.9	0.45	888	0.000466	0.000466	0.00000759	0.0173	0.0135	0.76	0.0784	0.0000175	204	0.000142	0.0205	0.00091	0.00388	0.0535	0.0000623	37.1	106	0.311	0.0118	22.2	0.0648	0.0282	0.000276	0.00336	0.00171	2.02	0.00000583	0.0129	0.00201	0.00392	
2066 Jan	1320	0.0693	0.133	0.00272	36.9	0.451	889	0.000463	0.000463	0.00000759	0.0173	0.0135	0.761	0.0784	0.0000175	204	0.000142	0.0206	0.00091	0.00388	0.0533	0.0000624	37.1	106	0.311	0.0118	22.2	0.0649	0.0281	0.000275	0.00336	0.00171	2.02	0.00000583	0.0129	0.00202	0.00392	
2066 Feb	1320	0.0694	0.133	0.00272	36.9	0.451	889	0.000463	0.000463	0.00000759	0.0173	0.0135	0.761	0.0785	0.0000175	204	0.000142	0.0206	0.000911	0.00388	0.0534	0.0000624	37.1	106	0.311	0.0118	22.2	0.0649	0.0281	0.000276	0.00336	0.00171	2.03	0.00000584	0.0129	0.00202	0.00392	
2066 Mar	1330	0.0696	0.134	0.00273	37	0.452	892	0.000464	0.000464	0.00000761	0.0173	0.0135	0.763	0.0787	0.0000176	205	0.000143	0.0206	0.000913	0.00389	0.0536	0.0000625	37.2	107	0.312	0.0118	22.2	0.065	0.0282	0.000277	0.00337	0.00172	2.03	0.00000585	0.0129	0.00202	0.00393	
2066 Apr	1330	0.0698	0.134	0.00274	37.1	0.454	894	0.000466	0.000466	0.00000763	0.0174	0.0136	0.766	0.0789	0.0000176	206	0.000143	0.0207	0.000917	0.00391	0.0538	0.0000628	37.3	107	0.313	0.0118	22.3	0.0653	0.0283	0.000278	0.00338	0.00172	2.04	0.00000587	0.013	0.00203	0.00394	
2066 May	1350	0.0709	0.136	0.00277	37.6	0.459	905	0.000475	0.000475	0.00000774	0.0176	0.0137	0.775	0.08	0.0000179	208	0.000145	0.021	0.00093	0.00396	0.0548	0.0000635	37.8	108	0.317	0.012	22.6	0.066	0.0288	0.000284	0.00342	0.00174	2.06	0.00000595	0.0131	0.00206	0.00399	
2066 Jun	915	0.0538	0.0932	0.00219	28	0.314	606	0.000677	0.000677	0.00000697	0.0144	0.00956	0.521	0.0596	0.0000137	144	0.000105	0.0141	0.000695	0.0029	0.0566	0.000046	25.6	73	0.224	0.00805	16.2	0.0445	0.0362	0.000287	0.00237	0.00119	1.4	0.00000469	0.0088	0.00161	0.00341	
2066 Jul	1050	0.0562	0.104	0.00241	30.5	0.36	700	0.000702	0.000702	0.00000766	0.016	0.0109	0.602	0.0667	0.0000155	165	0.00012	0.0163	0.000774	0.00327	0.0593	0.0000524	29.5	84.1	0.254	0.00928	17.9	0.0514	0.0375	0.000293	0.00273	0.00137	1.61	0.00000526	0.0102	0.0018	0.00381	
2066 Aug	1190	0.0588	0.115	0.0026	33.1	0.408	796	0.000694	0.000694	0.00000819	0.0175	0.0123	0.684	0.0737	0.0000171	186	0.000134	0.0185	0.000853	0.00364	0.0608	0.0000586	33.5	95.4	0.285	0.0105	19.6	0.0583	0.0374	0.0003	0.00308	0.00155	1.83	0.00000578	0.0116	0.00198	0.00413	
2066 Sep	1270	0.0598	0.121	0.00266	34	0.437	856	0.000645	0.000645	0.0000083	0.018	0.0131	0.734	0.0771	0.0000179	198	0.000142	0.0198	0.000891	0.00383	0.0589	0.000062	35.9	102	0.302	0.0113	20.3	0.0626	0.0352	0.000285	0.00329	0.00166	1.96	0.00000601	0.0124	0.00205	0.00425	
2066 Oct	1320	0.0586	0.121	0.0026	33.5	0.452	889	0.000553	0.000553	0.00000804	0.0179	0.0135	0.763	0.0778	0.000018	204	0.000145	0.0206	0.000894	0.00389	0.0536	0.0000633	37.1	106	0.309	0.0118	20.2	0.065	0.0309	0.000252	0.0034	0.00171	2.02	0.00000602	0.0129	0.00204	0.00418	
2066 Nov	1320	0.0587	0.121	0.00258	33.3	0.453	893	0.000535	0.000535	0.00000797	0.0179	0.0136	0.766	0.0776	0.000018	204	0.000145	0.0207	0.000891	0.00389	0.0523	0.0000634	37.3	107	0.309	0.0118	20.2	0.0652	0.0301	0.000243	0.0034	0.00172	2.03	0.000006	0.013	0.00203	0.00415	
2066 Dec	1320	0.0587	0.121	0.00258	33.3	0.454	894	0.000531	0.000531	0.00000796	0.0179	0.0136	0.766	0.0776	0.000018	205	0.000145	0.0207	0.000891	0.00389	0.0521	0.0000634	37.3	107	0.309	0.0118	20.1	0.0653	0.03	0.000242	0.00341	0.00172	2.03	0.000006	0.013	0.00203	0.00414	
2067 Jan	1320	0.0587	0.121	0.00258	33.3	0.454	895	0.000529	0.000529	0.00000795	0.0179	0.0136	0.767	0.0777	0.000018	205	0.000145	0.0207	0.000891	0.00389	0.0521	0.0000634	37.3	107	0.309	0.0118	20.1	0.0653	0.0299	0.000241	0.00341	0.00172	2.03	0.000006	0.013	0.00203	0.00414	
2067 Feb	1320	0.0587	0.121	0.00258	33.3	0.454	895	0.00053	0.00053	0.00000796	0.0179	0.0136	0.767	0.0777	0.000018	205	0.000145	0.0207	0.000892	0.00389	0.0521	0.0000634	37.3	107	0.31	0.0118	20.1	0.0653	0.0299	0.000242	0.00341	0.00172	2.03	0.000006	0.013	0.00203	0.00414	
2067 Mar	1330	0.0588	0.121	0.00258	33.3	0.455	896	0.00053	0.00053	0.00000797	0.0179	0.0136	0.768	0.0778	0.000018	205	0.000145	0.0207	0.000893	0.0039	0.0522	0.

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2069 Dec	1160	0.0584	0.0785	0.00191	24.8	0.404	784	0.000635	0.000635	0.00000782	0.017	0.0121	0.673	0.0722	0.0000166	183	0.00013	0.0182	0.00083	0.00359	0.0573	0.0000572	32.9	94	0.278	0.0104	14	0.0574	0.0358	0.000267	0.003	0.00152	1.8	0.0000056	0.0114	0.00188	0.00386	
2070 Jan	1160	0.0585	0.0785	0.00191	24.8	0.403	784	0.000635	0.000635	0.00000782	0.017	0.0121	0.673	0.0722	0.0000166	183	0.00013	0.0182	0.00083	0.00358	0.0573	0.0000572	32.9	93.9	0.278	0.0104	14	0.0574	0.0358	0.000267	0.003	0.00152	1.8	0.00000559	0.0114	0.00187	0.00386	
2070 Feb	1160	0.0585	0.0784	0.00191	24.8	0.403	783	0.000635	0.000635	0.00000782	0.0169	0.0121	0.672	0.0722	0.0000166	183	0.00013	0.0182	0.00083	0.00358	0.0574	0.0000572	32.9	93.9	0.278	0.0104	14	0.0573	0.0358	0.000267	0.003	0.00152	1.8	0.00000559	0.0114	0.00187	0.00386	
2070 Mar	1160	0.0586	0.0785	0.00191	24.8	0.403	784	0.000636	0.000636	0.00000782	0.017	0.0121	0.673	0.0722	0.0000166	183	0.00013	0.0182	0.00083	0.00359	0.0575	0.0000572	32.9	93.9	0.278	0.0104	14	0.0574	0.0359	0.000267	0.003	0.00152	1.8	0.00000559	0.0114	0.00188	0.00386	
2070 Apr	1160	0.0589	0.0789	0.00192	24.9	0.405	788	0.000639	0.000639	0.00000786	0.017	0.0122	0.676	0.0726	0.0000167	184	0.00013	0.0183	0.00085	0.0036	0.0578	0.0000575	33.1	94.4	0.279	0.0105	14	0.0576	0.0361	0.000269	0.00301	0.00153	1.81	0.00000562	0.0114	0.00189	0.00388	
2070 May	1130	0.0607	0.0777	0.00191	25.3	0.394	765	0.00067	0.00067	0.00000788	0.0169	0.0119	0.657	0.0727	0.0000164	180	0.00012	0.0178	0.00084	0.00356	0.0622	0.0000563	32.2	91.9	0.277	0.0102	14	0.0561	0.0379	0.000312	0.00294	0.00149	1.76	0.00000556	0.0111	0.0019	0.00386	
2070 Jun	930	0.0635	0.0668	0.00174	25	0.32	615	0.000762	0.000762	0.00000744	0.015	0.00997	0.528	0.068	0.0000143	152	0.000107	0.0143	0.00083	0.00314	0.0768	0.0000474	26.3	74.8	0.248	0.0082	12.8	0.0454	0.0434	0.000478	0.00241	0.00122	1.45	0.00000491	0.00893	0.00183	0.00352	
2070 Jul	1050	0.0654	0.073	0.00186	26.5	0.362	698	0.000774	0.000774	0.000008	0.0164	0.0112	0.599	0.0744	0.0000158	170	0.00012	0.0163	0.000904	0.00347	0.0793	0.0000529	29.7	84.6	0.276	0.00929	13.8	0.0514	0.0442	0.000489	0.00272	0.00138	1.64	0.00000539	0.0101	0.002	0.00384	
2070 Aug	1160	0.0662	0.0784	0.00196	27.7	0.401	778	0.000768	0.000768	0.00000844	0.0176	0.0123	0.668	0.0801	0.0000171	188	0.000132	0.0181	0.000967	0.00377	0.0802	0.0000581	33	94.1	0.301	0.0103	14.6	0.0572	0.044	0.000489	0.00302	0.00153	1.82	0.00000582	0.0113	0.00214	0.00411	
2070 Sep	1190	0.0662	0.0776	0.00192	26.9	0.412	800	0.000725	0.000725	0.00000836	0.0177	0.0126	0.687	0.08	0.0000173	191	0.000134	0.0186	0.000955	0.00381	0.0753	0.0000591	33.9	96.5	0.302	0.0106	14.4	0.0587	0.0419	0.00044	0.00308	0.00157	1.86	0.00000586	0.0116	0.00211	0.00408	
2070 Oct	1170	0.0665	0.0746	0.00185	25.9	0.406	788	0.000696	0.000696	0.00000814	0.0174	0.0123	0.676	0.0776	0.0000169	187	0.000132	0.0183	0.00092	0.00373	0.0709	0.00058	33.3	94.9	0.294	0.0105	13.9	0.0578	0.0405	0.000398	0.00302	0.00154	1.83	0.00000573	0.0114	0.00203	0.00395	
2070 Nov	1170	0.0662	0.074	0.00183	25.6	0.406	788	0.000682	0.000682	0.00000808	0.0173	0.0123	0.676	0.0771	0.0000169	187	0.000131	0.0183	0.000911	0.00372	0.0693	0.0000579	33.3	94.9	0.292	0.0105	13.7	0.0578	0.0398	0.000384	0.00302	0.00154	1.82	0.00000571	0.0114	0.00201	0.00392	
2070 Dec	1170	0.066	0.0739	0.00183	25.5	0.406	789	0.000679	0.000679	0.00000806	0.0173	0.0123	0.676	0.0771	0.0000169	187	0.000131	0.0183	0.00091	0.00372	0.0691	0.0000579	33.3	94.9	0.292	0.0105	13.7	0.0578	0.0396	0.000382	0.00302	0.00154	1.82	0.0000057	0.0115	0.00201	0.00392	
2071 Jan	1170	0.066	0.0739	0.00183	25.5	0.406	788	0.000679	0.000679	0.00000806	0.0173	0.0123	0.676	0.077	0.0000169	187	0.000131	0.0183	0.00091	0.00372	0.069	0.0000579	33.3	94.9	0.292	0.0105	13.7	0.0578	0.0396	0.000382	0.00302	0.00154	1.82	0.0000057	0.0114	0.00201	0.00392	
2071 Feb	1170	0.066	0.0739	0.00183	25.5	0.406	788	0.000679	0.000679	0.00000806	0.0172	0.0123	0.676	0.077	0.0000169	187	0.000131	0.0183	0.00091	0.00371	0.0691	0.0000579	33.3	94.9	0.292	0.0105	13.7	0.0578	0.0396	0.000382	0.00302	0.00154	1.82	0.0000057	0.0114	0.00201	0.00392	
2071 Mar	1170	0.0661	0.0739	0.00183	25.5	0.406	788	0.000679	0.000679	0.00000806	0.0172	0.0123	0.676	0.0771	0.0000169	187	0.000131	0.0183	0.00091	0.00371	0.0691	0.0000579	33.3	94.9	0.292	0.0105	13.7	0.0578	0.0396	0.000382	0.00302	0.00154	1.82	0.0000057	0.0114	0.00201	0.00392	
2071 Apr	1170	0.0662	0.074	0.00183	25.6	0.407	790	0.00068	0.00068	0.00000808	0.0173	0.0123	0.677	0.0772	0.0000169	187	0.000132	0.0183	0.000912	0.00372	0.0693	0.00058	33.3	95.1	0.293	0.0105	13.7	0.0579	0.0397	0.000383	0.00303	0.00154	1.83	0.00000571	0.0115	0.00201	0.00393	
2071 May	1150	0.067	0.0729	0.00182	25.7	0.397	770	0.000699	0.000699	0.00000805	0.0171	0.0121	0.66	0.0769	0.0000167	184	0.000129	0.0179	0.000916	0.00368	0.0721	0.0000569	32.6	92.8	0.29	0.0102	13.6	0.0565	0.0408	0.000413	0.00296	0.00151	1.79	0.00000564	0.0112	0.00201	0.00389	
2071 Jun	928	0.0633	0.0613	0.00166	23.9	0.321	615	0.000777	0.000777	0.00000751	0.0151	0.00998	0.528	0.0685	0.0000144	152	0.000108	0.0143	0.000837	0.00316	0.0781	0.0000475	26.3	74.8	0.249	0.0082	12.1	0.0453	0.0442	0.000486	0.00241	0.00122	1.46	0.00000493	0.00892	0.00184	0.00353	
2071 Jul	1000	0.0647	0.0649	0.00175	24.9	0.346	665	0.000811	0.000811	0.00000798	0.0161	0.0107	0.571	0.0727	0.0000154	164	0.000116	0.0155	0.000884	0.00337	0.0808	0.0000511	28.4	80.7	0.266	0.00885	12.7	0.049	0.0459	0.000496	0.0026	0.00132	1.57	0.00000528	0.00965	0.00196	0.00378	
2071 Aug	1100	0.0675	0.0699	0.00186	26.4	0.381	734	0.000836	0.000836	0.00000852	0.0174	0.0118	0.631	0.0785	0.0000167	180	0.000127	0.0171	0.000952	0.00366	0.0842	0.0000559	31.3	89	0.29	0.00977	13.5	0.0541	0.0474	0.000515	0.00287	0.00145	1.73	0.00000571	0.0107	0.00211	0.00407	
2071 Sep	1150	0.0662	0.0703	0.00183	25.9	0.4	773	0.000787	0.000787	0.00000851	0.0177	0.0123	0.664	0.0797	0.0000171	187	0.000131	0.018	0.000957	0.00376	0.0798	0.00058	32.8	93.5	0.298	0.0103	13.4	0.0568	0.0449	0.000475	0.003	0.00152	1.81	0.00000583	0.0112	0.00212	0.00411	
2071 Oct	1170	0.0654	0.0699	0.00181	25.4	0.406	787	0.000756	0.000756	0.00000843	0.0177	0.0124	0.675	0.0796	0.0000172	189	0.000133	0.0183	0.000951	0.00378	0.0769	0.0000585	33.3	95	0.299	0.0105	13.3	0.0578	0.0434	0.000449	0.00304	0.00154	1.83	0.00000585	0.0114	0.0021	0.00409	
2071 Nov	1170	0.065	0.0691	0.00178	25	0.406	787	0.000738	0.000738	0.00000835	0.0176	0.0124	0.676	0.079	0.0000171	188	0.000133	0.0183	0.000941	0.00377	0.0749	0.0000584	33.3	95	0.297	0.0105	13.1	0.0578	0.0425	0.000432	0.00303	0.00154	1.83	0.00000581	0.0114	0.00208	0.00405	
2071 Dec	1170	0.0649	0.0688	0.00178	24.9	0.405	786	0.000734	0.000734	0.00000832	0.0176	0.0124	0.674	0.0787	0.0000171	188	0.000132	0.0183	0.000938	0.00376	0.0745	0.0000583	33.3	94.8	0.297	0.0105	13	0.0577	0.0423	0.000429	0.00303	0.00154	1.83	0.0000058	0.0114	0.00207	0.00404	
2072 Jan	1170	0.065	0.0688	0.00177	24.9	0.405	785	0.000735	0.000735	0.00000832	0.0175	0.0124	0.674	0.0787	0.0000171	188	0.000132	0.0182	0.000937	0.00375	0.0745	0.0000582	33.2	94.7	0.296	0.0104	13	0.0576	0.0423	0.000429	0.00302	0.00154	1.82	0.00000579	0.0114	0.00207	0.00403	
2072 Feb	1170	0.065	0.0688	0.00177	24.9	0.405	785	0.000735	0.000735	0.00000832	0.0175	0.0124	0.673	0.0787	0.0000171	188	0.000132	0.0182	0.000937	0.00375	0.0746	0.0000582	33.2	94.6	0.296	0.0104	13	0.0576	0.0423	0.000429	0.00302	0.00154	1.82	0.00000579	0.0114	0.00207	0.00403	
2072 Mar	1170	0.0651	0.0688	0.00177	24.9	0.405	784	0.000735	0.000735	0.00000832	0.0175	0.0124	0.673	0.0787	0.0000171	188	0.000132	0.0182	0.000938	0.00375	0.0747	0.0000582	33.2	94.6	0.296	0.0104	13	0.0576	0.0424	0.000429	0.00302	0.00154	1.82	0.00000579	0.0114	0.00207	0.00403	
2072 Apr	1170	0.0653	0.069	0.00178	25	0.406	787	0.000738	0.000738	0.00000835	0.0176	0.0124	0.675	0.079	0.0000171	188	0.000133	0.0183	0.000941	0.00377	0.075	0.0000584	33.3	95	0.297	0.0105	13.1	0.0578	0.0425	0.000431	0.00303	0.00154	1.83	0.00000581	0.0114	0.00208	0.00405	
2072 May	1190	0.0667	0.0704	0.00182	25.5	0.414	803	0.000753	0.000753	0.00000852	0.018	0.0126	0.689	0.0806	0.0000175	192	0.000135	0.0187	0.00096	0.00384	0.0765	0.0000596	34	96.9	0.303	0.0107	13.4	0.0589	0.0434	0.00044	0.00309	0.00157	1.87	0.00000593	0.0117	0.00212	0.00413	
2072 Jun	1000	0.057	0.0599	0.00171	22.3	0.35	671	0.000828	0.000828	0.00000811	0.0165	0.0107	0.577	0.0694	0.0000156	162	0.000117	0.0156	0.000819	0.00332	0.0718	0.0000517	28.5	81.1	0.256	0.00894	11.6	0.0494	0.0451	0.000384	0.00263	0.00132	1.57	0.00000535	0.00975	0.00187	0.00387	
2072 Jul	1040	0.0549	0.0605	0.00175	22.3	0.364	699	0.000849	0.000849	0.00000838	0.017	0.0111	0.601	0.071	0.0000162	168	0.000122	0.0163	0.000834	0.00343	0.0718	0.0000538	29.7	84.3	0.263	0.0093	11.7	0.0514	0.0457	0.000373	0.00274	0.00137	1.63	0.00000555	0.0101	0.00191	0.00401	
2072 Aug	1020	0.0542	0.0576	0.00171	21.7	0.36	685	0.000857	0.000857	0.00000834	0.0167	0.0109	0.591	0.0693	0.000016	165	0.000118	0.016	0.000802	0.00337	0.0683	0.000053	29.1	82.7	0.255	0.00916	11.3	0.0505	0.045	0.000333	0.00267	0.00135	1.6	0.00000549	0.00996	0.00182	0.0039	
2072 Sep	1030	0.0544	0.0563	0.00169	21.3	0.363	689	0.000844	0.000844	0.00000829	0.0166	0.011	0.594	0.0689	0.0000166	165	0.000118	0.016	0.000791	0.00337	0.0658	0.0000531	29.2	83	0.254	0.00922	11	0.0507	0.0441	0.000307	0.00267	0.00135	1.6	0.00000548	0.01	0.00178	0.00384	
2072 Oct	1020	0.0559	0.054	0.00162	20.5	0.36	684	0.000797	0.000797	0.00000803	0.0163	0.0108	0.589	0.0674	0.0000157	163	0.000116	0.0159	0.000768	0.00332	0.0621	0.0000523	29	82.4	0.249	0.00916	10.6	0.0503	0.0422	0.000277	0.00264	0.00134	1.59	0.00000536	0.00994	0.00172	0.00372	
2072 Nov	1020	0.0556	0.0537	0.00159	20.2	0.363	690	0.000772	0.000772	0.00000795	0.0162	0.0109	0.594	0.0673	0.0000157	164	0.000117	0.016	0.000766	0.00333	0.0606	0.0000525	29.2	83	0.249	0.00924	10.5	0.0507	0.0412	0.000267	0.00266	0.00135	1.6	0.00000535	0.01	0.00171	0.00369	
2072 Dec	1030	0.0553	0.0537	0.00158	20.1	0.364	693	0.000764	0.000764	0.00000793	0.0162	0.0109	0.597	0.0674	0.0000157	165	0.000117	0.0161	0.000767	0.00333	0.0602	0.0000526	29.3	83.4	0.25	0.00928	10.5	0.0509	0.0408	0.000265	0.00267	0.00135	1.6	0.00000535	0.0101	0.00172	0.00369	
2073 Jan	1030	0.0553	0.0537	0.00158	20.1	0.364	694	0.000763	0.000763	0.00000792	0.0162	0.0109	0.597	0.0674	0.0000157	165	0.000117	0.0161	0.000767	0.00333	0.0601	0.0000526	29.3	83.4	0.25	0.00929	10.5	0.0509	0.0407	0.000265	0.00267	0.00136	1.6	0.00000535	0.0101	0.00172	0.00369	
2073 Feb	1030	0.0553	0.0537	0.00158	20.1	0.364	694	0.000763	0.000763	0.00000792	0.0162	0.0109	0.597	0.0674	0.0000157	165	0.000117	0.0161	0.000768	0.00333	0.0602	0.0000526	29.3	83.4	0.25	0.00928	10.5	0.0509	0.0407	0.000265	0.00267	0.00135	1.6	0.00000535	0.0101	0.00172	0.00369	
2073 Mar	1030	0.0554	0.0537	0.00158	20.1	0.364	694	0.000763	0.000763	0.00000792	0.0162	0.0109	0.597	0.0674	0.0000157	165	0.000117	0.0161	0.000768	0.00333	0.0603	0.0000526	29.3	83.4	0.25	0.00928	10.5	0.0509	0.0407	0.000265	0.00267	0.00136	1.6	0.00000535	0.0101	0.00172	0.00369	
2073 Apr	1040	0.0559	0.0541	0.0016	20.3	0.367	700	0.00077	0.00077	0.00000799	0.0163	0.011	0.602	0.068	0.0000158	166	0.000118	0.0163	0.000775	0.00336	0.0608	0.000053	29.6	84.1	0.253	0.00936	10.6	0.0514	0.0411	0.000268	0.00269	0.00137	1.62	0.00000539	0.0102	0.00173	0.00372	
2073 May	990	0.0538	0.0511	0.00148	19.9	0.348	667	0.000725	0.000725	0.00000757	0.0155	0.0106	0.573	0.0672	0.000015	160	0.000113	0.0155	0.000786	0.00324	0.0643	0.0000504	28.3	80.4	0.249	0.0089	10.1	0.049	0.0396	0.000338	0.00257	0.00131	1.55	0.00000512	0.00968	0.00174	0.00356	
2073 Jun	844	0.0528	0.0447	0.00131	19.5	0.292	560	0.00072	0.00072	0.00000691	0.0137	0.00914	0.481	0.0637	0.0000131	140	0.0000977	0.0131	0.000785	0.0029	0.0741	0.0000434	24	68.2	0.231	0.00746	9.34	0.0414	0.0404	0.000481	0.0022	0.00112	1.33	0.00000452	0.00813	0.00171	0.00324	
2073 Jul	942	0.0552	0.0486	0.0014	20.8	0.326	627	0.000754	0.000754	0.00000748	0.0149	0.0102	0.539	0.0696	0.0000145	155	0.000108	0.0146	0.000854	0.00319	0.0781	0.0000481	26.9	76.3	0.255	0.00835	10	0.0463	0.0424	0.000502	0.00246	0.00125	1.49	0.00000496	0.00911	0.00186	0.00354	
2073 Aug	1050	0.0563	0.0523	0.00148	21.7	0.362	700	0.000761	0.000761	0.00000795	0.0161	0.0112	0.601	0.0751	0.0000158	171	0.000119	0.0163	0.000916	0.00347	0.08	0.0000529	29.8	84.9	0.279	0.00931	10.6	0.0515	0.0429	0.00051	0.00273	0.00139	1.65	0.00000538	0.0102	0.002	0.00381	
2073 Sep	1120	0.0549	0.0539	0.00147	21.5	0.389	757	0.000716	0.000716	0.00000806	0.0167	0.012	0.649	0.0778	0.0000165	182	0.000127	0.0176	0.000942	0.00364	0.0769	0.0000562	32.1	91.5	0.293	0.01	10.7	0.0556	0.0407	0.000482	0.00293	0.00149	1.77	0.0000056	0.011	0.00206	0.00392	
2073 Oct	1130	0.0536	0.0523	0.00141	20.4	0.395	769	0.000655	0.000655	0.00000782	0.0165	0.012	0.659	0.0764	0.0000164	183	0.000128	0.0179	0.000914	0.00362	0.0704	0.0000564	32.5	92.7	0.29	0.0102	10.3	0.0564	0.0377	0.000424	0.00295	0.00151	1.78	0.00000555	0.0112	0.002	0.00384	
2073 Nov	1130	0.0537	0.0515	0.00139	20	0.394	766	0.000639	0.000639	0.00000773	0.0164	0.012	0.657	0.0754	0.0000163	182	0.000127	0.0178	0.000899	0.0036	0.0682	0.0000561	32.3	92.3	0.287	0.0102	10.1	0.0562	0.0369	0.000403	0.00294	0.0015	1.78	0.0000055	0.0111	0.00197	0.00379	
2073 Dec	1130	0.0534	0.0514	0.00138	19.9	0.395	769	0.000633	0.000633	0.00000771	0.0164	0.012	0.659	0.0754	0.0000163	183	0.000127	0.0178	0.000899	0.0036	0.0677	0.0000562	32.4	92.6	0.288	0.0102	10.1	0.0563	0.0366	0.000399	0.00295	0.0015	1.78	0.0000055	0.0112	0.00197	0.00379	
2074 Jan	1140	0.0531	0.0514	0.00138	19.8	0.396	771	0.000628	0.000628	0.0000077	0.0164	0.012	0.661	0.0754	0.0000163	183	0.000127	0.0179	0.000899	0.0036	0.0673	0.0000562	32.5	92.8	0.288	0.0102	10.1	0.0565	0.0363	0.000396	0.00295	0.00151	1.78	0.0000055	0.0112	0.00197	0.00379	
2074 Feb	1140	0.053	0.0514	0.00138	19.8	0.396	771	0.000626	0.000626	0.00000769	0.0164	0.012	0.661	0.0755	0.0000163	183	0.000127	0.0179	0.000899	0.00361	0.0673	0.0000563	32.5	92.9	0.288	0.0102	10.1	0.0565	0.0362	0.000396	0.00296	0.00151	1.79	0.0000055	0.0112	0.00197	0.00379	
2074 Mar	1140	0.0531	0.0514	0.00138	19.8	0.396	772	0.000626	0.000626	0.0000077	0.0164	0.012	0.662	0.0755	0.0000163	183	0.000128	0.0179	0.0009	0.00361	0.0673	0.0000563	32.6	92.9	0.288	0.0102	10.1	0.0566	0.0363	0.000396	0.00296	0.00151	1.79	0.00000551	0.0112	0.00197	0.00379	
2074 Apr	1140	0.0535	0.0518	0.00139	20	0.399	777	0.000631	0.000631	0.00000775	0.0165	0.0121	0.666	0.0761	0.0000164	184	0.000128	0.018	0.000906	0.00363	0.0678	0.0000567	32.8	93.6	0.29	0.0103	10.1	0.0569	0.0365	0.000399	0.00298	0.00152	1.8	0.00000554	0.0113	0.00199	0.00381	
2074 May	1020	0.0531	0.0472	0.00129	19.7	0.353	686	0.000643	0.000643	0.00000727	0.0151	0.0109	0.588	0.0719	0.0000149	166	0.000115	0.016	0.000879	0.00333	0.0731	0.0000509	29.1	83	0.27	0.00911	9.59	0.0504	0.0375	0.000475	0.00265	0.00135	1.61	0.00000506	0.00995	0.00191	0.00354	
2074 Jun	768	0.055	0.0393	0.00115	19.7	0.261	503	0.000711	0.000711	0.00000652	0.0126	0.00844	0.431	0.0641	0.0000121	131	0.0000897	0.0118	0.000829	0.00276	0.0854	0.0000396	21.9	62	0.229	0.00669	8.77	0.0373	0.0416	0.00063	0.002	0.00103	1.22	0.00000418	0.00729	0.00177	0.00305	
2074 Jul	876	0.0579	0.0433	0.00125	21.1	0.299	578	0.000743	0.000743	0.00000712	0.014	0.00958	0.495	0.0708	0.0000135	148	0.000102	0.0135	0.00091	0.00308	0.0902	0.0000447	25	70.9	0.256	0.00767	9.51	0.0427	0.0436	0.000661	0.00228	0.00117	1.39	0.00000466	0.00837	0.00195	0.00338	
2074 Aug	1000	0.059	0.0471	0.00132	22	0.342	665	0.000744	0.000744	0.00000764	0.0154	0.0108	0.57	0.0774	0.0000151	167	0.000115	0.0155	0.000985	0.00342	0.0923	0.0000504	28.6	81.2	0.285	0.00881	10.1	0.0491	0.044	0.000671	0.00261	0.00134	1.59	0.00000514	0.00964	0.00211	0.00369	
2074 Sep	1100	0.054	0.0472	0.00126	20.3	0.378	741	0.000636	0.000636	0.00000756	0.0

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2077 Jun	887	0.0471	0.0343	0.00113	17	0.306	592	0.000742	0.000742	0.00000721	0.0144	0.00964	0.509	0.0669	0.0000138	147	0.000104	0.0138	0.000831	0.00303	0.0782	0.0000457	25.4	72.2	0.245	0.00786	7.68	0.0437	0.0418	0.000518	0.00234	0.00118	1.41	0.00000474	0.0086	0.00184	0.00348	
2077 Jul	981	0.0482	0.0365	0.00119	17.7	0.339	658	0.000766	0.000766	0.00000772	0.0156	0.0106	0.565	0.0722	0.0000151	162	0.000115	0.0153	0.000892	0.0033	0.0809	0.0000502	28.1	80	0.267	0.00872	8.08	0.0485	0.0431	0.000531	0.00259	0.00131	1.55	0.00000515	0.00955	0.00198	0.00376	
2077 Aug	1090	0.05	0.0392	0.00126	18.6	0.376	732	0.000789	0.000789	0.00000827	0.0169	0.0117	0.628	0.0784	0.0000164	179	0.000126	0.0171	0.000964	0.00361	0.0844	0.0000553	31.2	88.8	0.293	0.00969	8.57	0.0539	0.0445	0.000551	0.00287	0.00145	1.72	0.00000561	0.0106	0.00214	0.00407	
2077 Sep	1110	0.0491	0.0374	0.00119	17.4	0.385	750	0.000726	0.000726	0.00000806	0.0168	0.0119	0.643	0.077	0.0000164	181	0.000127	0.0174	0.000933	0.00361	0.0768	0.0000558	31.8	90.6	0.291	0.00994	8.1	0.0551	0.0412	0.000479	0.00291	0.00148	1.75	0.00000558	0.0109	0.00207	0.00397	
2077 Oct	1120	0.0481	0.0361	0.00114	16.4	0.391	762	0.000671	0.000671	0.00000787	0.0166	0.012	0.653	0.076	0.0000164	182	0.000128	0.0177	0.000912	0.0036	0.0713	0.0000561	32.2	91.9	0.289	0.0101	7.75	0.0559	0.0385	0.00043	0.00294	0.00149	1.77	0.00000554	0.0111	0.00202	0.00389	
2077 Nov	1120	0.0479	0.0357	0.00112	16.2	0.391	763	0.000658	0.000658	0.00000781	0.0166	0.012	0.654	0.0755	0.0000163	182	0.000128	0.0177	0.000904	0.00359	0.0698	0.0000561	32.2	92	0.288	0.0101	7.65	0.056	0.0379	0.000417	0.00294	0.00149	1.77	0.00000552	0.0111	0.00201	0.00387	
2077 Dec	1120	0.0478	0.0357	0.00112	16.1	0.392	764	0.000655	0.000655	0.0000078	0.0166	0.012	0.655	0.0755	0.0000163	182	0.000128	0.0178	0.000903	0.00359	0.0695	0.0000561	32.3	92.1	0.288	0.0101	7.62	0.056	0.0377	0.000414	0.00294	0.0015	1.77	0.00000552	0.0111	0.002	0.00386	
2078 Jan	1120	0.0478	0.0356	0.00112	16.1	0.392	764	0.000654	0.000654	0.00000779	0.0166	0.012	0.655	0.0755	0.0000163	182	0.000128	0.0178	0.000903	0.00359	0.0695	0.0000561	32.3	92.1	0.288	0.0101	7.62	0.056	0.0377	0.000414	0.00294	0.0015	1.77	0.00000552	0.0111	0.002	0.00386	
2078 Feb	1120	0.0479	0.0356	0.00112	16.1	0.392	764	0.000654	0.000654	0.00000779	0.0166	0.012	0.655	0.0755	0.0000163	182	0.000128	0.0177	0.000903	0.00359	0.0695	0.0000561	32.3	92.1	0.288	0.0101	7.62	0.056	0.0377	0.000414	0.00294	0.0015	1.77	0.00000552	0.0111	0.002	0.00386	
2078 Mar	1120	0.0479	0.0357	0.00112	16.1	0.392	764	0.000655	0.000655	0.00000779	0.0166	0.012	0.655	0.0755	0.0000163	182	0.000128	0.0177	0.000904	0.00359	0.0696	0.0000561	32.3	92.1	0.288	0.0101	7.63	0.056	0.0377	0.000414	0.00294	0.0015	1.77	0.00000552	0.0111	0.002	0.00386	
2078 Apr	1130	0.0483	0.0359	0.00113	16.3	0.395	770	0.00066	0.00066	0.00000786	0.0167	0.0121	0.66	0.0761	0.0000165	183	0.000129	0.0179	0.000911	0.00362	0.0702	0.0000565	32.5	92.8	0.29	0.0102	7.69	0.0565	0.038	0.000418	0.00297	0.00151	1.79	0.00000556	0.0112	0.00202	0.00389	
2078 May	990	0.0491	0.0334	0.00106	16.5	0.343	668	0.000671	0.000671	0.00000731	0.0151	0.0107	0.573	0.0713	0.0000148	163	0.000114	0.0156	0.000876	0.00328	0.0753	0.00005	28.4	81	0.266	0.00886	7.47	0.0491	0.039	0.000494	0.0026	0.00132	1.57	0.00000502	0.00969	0.00192	0.00356	
2078 Jun	832	0.053	0.0315	0.00105	17.7	0.286	551	0.000736	0.000736	0.00000693	0.0136	0.00913	0.473	0.0671	0.0000131	141	0.0000976	0.0129	0.000855	0.00294	0.0852	0.0000429	23.8	67.5	0.242	0.00732	7.55	0.0408	0.0428	0.000607	0.00218	0.00111	1.33	0.0000045	0.00799	0.00184	0.00328	
2078 Jul	932	0.0554	0.034	0.00112	18.7	0.321	620	0.000768	0.000768	0.00000775	0.0149	0.0102	0.532	0.0733	0.0000144	157	0.000109	0.0145	0.000929	0.00324	0.0897	0.0000478	26.7	75.9	0.267	0.00823	8.05	0.0458	0.0448	0.000636	0.00245	0.00125	1.49	0.00000494	0.00899	0.00201	0.00358	
2078 Aug	1050	0.0545	0.0357	0.00113	18.8	0.361	702	0.00075	0.00075	0.00000779	0.0161	0.0113	0.602	0.0787	0.0000157	174	0.000121	0.0164	0.000987	0.00354	0.0892	0.0000529	30	85.5	0.292	0.00931	8.23	0.0518	0.0439	0.000625	0.00275	0.0014	1.67	0.00000536	0.0102	0.00214	0.00384	
2078 Sep	1140	0.0505	0.0358	0.00109	17.8	0.393	769	0.000679	0.000679	0.00000795	0.0166	0.0122	0.659	0.0811	0.0000165	187	0.000129	0.0179	0.00101	0.00371	0.0834	0.0000566	32.7	93.2	0.307	0.0102	7.99	0.0565	0.0402	0.000574	0.00298	0.00152	1.8	0.0000056	0.0112	0.00219	0.00395	
2078 Oct	1180	0.0461	0.0344	0.00101	16.3	0.408	804	0.000594	0.000594	0.00000773	0.0166	0.0126	0.688	0.0804	0.0000167	192	0.000133	0.0187	0.000983	0.00375	0.0748	0.0000581	34	97	0.309	0.0106	7.47	0.0589	0.0356	0.000501	0.00309	0.00158	1.87	0.00000562	0.0117	0.00215	0.00391	
2078 Nov	1180	0.0458	0.0338	0.000997	15.9	0.408	804	0.000578	0.000578	0.00000765	0.0165	0.0125	0.688	0.0796	0.0000166	191	0.000132	0.0187	0.000969	0.00373	0.0725	0.0000579	33.9	96.9	0.307	0.0106	7.32	0.0589	0.0348	0.000478	0.00309	0.00157	1.86	0.00000559	0.0117	0.00212	0.00388	
2078 Dec	1180	0.0457	0.0337	0.000994	15.8	0.409	804	0.000575	0.000575	0.00000764	0.0165	0.0125	0.689	0.0795	0.0000166	191	0.000132	0.0187	0.000967	0.00373	0.0721	0.0000579	33.9	97	0.307	0.0106	7.29	0.0589	0.0346	0.000475	0.00309	0.00157	1.87	0.00000558	0.0117	0.00211	0.00387	
2079 Jan	1180	0.0454	0.0337	0.000989	15.7	0.409	806	0.000571	0.000571	0.00000762	0.0165	0.0125	0.69	0.0795	0.0000166	191	0.000132	0.0187	0.000966	0.00373	0.0718	0.0000579	34	97.1	0.307	0.0107	7.27	0.059	0.0343	0.000472	0.00309	0.00158	1.87	0.00000558	0.0117	0.00211	0.00387	
2079 Feb	1180	0.0454	0.0337	0.000989	15.7	0.409	806	0.00057	0.00057	0.00000762	0.0165	0.0125	0.69	0.0794	0.0000166	191	0.000132	0.0187	0.000966	0.00373	0.0717	0.0000579	34	97.1	0.307	0.0107	7.26	0.059	0.0343	0.000472	0.00309	0.00158	1.87	0.00000558	0.0117	0.00211	0.00387	
2079 Mar	1180	0.0454	0.0337	0.000989	15.7	0.409	806	0.00057	0.00057	0.00000762	0.0165	0.0126	0.69	0.0795	0.0000166	192	0.000133	0.0187	0.000967	0.00373	0.0718	0.000058	34	97.2	0.307	0.0107	7.27	0.0591	0.0343	0.000472	0.00309	0.00158	1.87	0.00000558	0.0117	0.00211	0.00387	
2079 Apr	1190	0.0456	0.0338	0.000993	15.8	0.411	810	0.000572	0.000572	0.00000766	0.0166	0.0126	0.693	0.0799	0.0000167	192	0.000133	0.0188	0.000972	0.00375	0.0721	0.0000582	34.2	97.6	0.308	0.0107	7.3	0.0593	0.0345	0.000474	0.00311	0.00159	1.88	0.00000561	0.0118	0.00212	0.00389	
2079 May	1210	0.0465	0.0344	0.00101	16.1	0.419	824	0.000584	0.000584	0.0000078	0.0169	0.0128	0.706	0.0814	0.000017	196	0.000136	0.0191	0.00099	0.00382	0.0736	0.0000593	34.8	99.4	0.314	0.0109	7.44	0.0604	0.0351	0.000484	0.00316	0.00161	1.91	0.00000571	0.012	0.00216	0.00396	
2079 Jun	851	0.0368	0.0264	0.00101	13.4	0.297	573	0.000718	0.000718	0.00000698	0.014	0.00922	0.493	0.061	0.0000134	140	0.000101	0.0134	0.000738	0.00286	0.0667	0.0000443	24.5	69.5	0.226	0.0076	6.07	0.0423	0.0388	0.0004	0.00227	0.00114	1.35	0.00000459	0.00832	0.00169	0.0034	
2079 Jul	907	0.0359	0.0271	0.00105	13.5	0.317	613	0.000741	0.000741	0.00000733	0.0148	0.0098	0.527	0.0638	0.0000142	149	0.000108	0.0143	0.000766	0.00301	0.0673	0.0000471	26.1	74.2	0.238	0.00812	6.16	0.0452	0.0398	0.000393	0.00242	0.00121	1.43	0.00000486	0.0089	0.00176	0.0036	
2079 Aug	1010	0.036	0.0286	0.00107	13.8	0.352	685	0.000738	0.000738	0.00000774	0.0159	0.0108	0.589	0.069	0.0000154	164	0.000118	0.0159	0.000824	0.00329	0.0684	0.0000518	29	82.7	0.261	0.00906	6.39	0.0504	0.0398	0.000395	0.00269	0.00135	1.59	0.00000525	0.00995	0.00189	0.00384	
2079 Sep	1060	0.0366	0.0282	0.00103	13.3	0.371	724	0.000688	0.000688	0.00000772	0.0162	0.0113	0.621	0.0705	0.0000158	171	0.000123	0.0168	0.000834	0.0034	0.0648	0.0000538	30.6	87.1	0.269	0.00958	6.24	0.0531	0.0376	0.000362	0.00281	0.00142	1.67	0.00000536	0.0105	0.0019	0.00386	
2079 Oct	1080	0.0363	0.0276	0.000986	12.7	0.38	743	0.000638	0.000638	0.00000759	0.0162	0.0115	0.637	0.0706	0.0000159	175	0.000125	0.0172	0.00083	0.00343	0.061	0.0000546	31.3	89.2	0.272	0.00983	6.02	0.0544	0.0352	0.000332	0.00287	0.00145	1.71	0.00000537	0.0108	0.00189	0.00382	
2079 Nov	1070	0.0375	0.0269	0.000971	12.5	0.377	735	0.000627	0.000627	0.00000749	0.016	0.0114	0.631	0.0696	0.0000157	173	0.000123	0.0171	0.000815	0.00339	0.0595	0.000054	31	88.3	0.268	0.00975	5.92	0.0539	0.0349	0.000317	0.00284	0.00143	1.69	0.00000531	0.0107	0.00185	0.00375	
2079 Dec	1060	0.0385	0.0263	0.000957	12.4	0.372	725	0.000619	0.000619	0.00000739	0.0158	0.0113	0.623	0.0685	0.0000155	170	0.000121	0.0168	0.0008	0.00335	0.0582	0.0000533	30.5	87.1	0.263	0.00962	5.82	0.0532	0.0345	0.000304	0.0028	0.00141	1.67	0.00000524	0.0105	0.00181	0.00369	
2080 Jan	1060	0.0386	0.0263	0.000956	12.4	0.372	724	0.000619	0.000619	0.00000738	0.0158	0.0112	0.621	0.0684	0.0000155	170	0.000121	0.0168	0.0008	0.00334	0.0583	0.0000531	30.5	86.9	0.263	0.0096	5.82	0.053	0.0346	0.000303	0.00279	0.00141	1.67	0.00000523	0.0105	0.00181	0.00368	
2080 Feb	1050	0.0387	0.0263	0.000956	12.4	0.371	723	0.00062	0.00062	0.00000738	0.0158	0.0112	0.621	0.0685	0.0000155	170	0.000121	0.0168	0.0008	0.00334	0.0584	0.0000531	30.4	86.9	0.263	0.00959	5.83	0.053	0.0346	0.000304	0.00279	0.00141	1.66	0.00000523	0.0105	0.00181	0.00368	
2080 Mar	1050	0.0388	0.0263	0.000957	12.4	0.371	723	0.00062	0.00062	0.00000738	0.0158	0.0112	0.62	0.0685	0.0000155	170	0.000121	0.0168	0.000801	0.00334	0.0585	0.0000531	30.4	86.8	0.263	0.00959	5.83	0.053	0.0346	0.000305	0.00279	0.00141	1.66	0.00000523	0.0105	0.00181	0.00368	
2080 Apr	1060	0.039	0.0264	0.00096	12.5	0.372	725	0.000622	0.000622	0.0000074	0.0158	0.0113	0.622	0.0687	0.0000155	170	0.000121	0.0168	0.000803	0.00335	0.0588	0.0000532	30.5	87.1	0.264	0.00961	5.85	0.0531	0.0348	0.000306	0.00279	0.00141	1.67	0.00000524	0.0105	0.00182	0.00369	
2080 May	1080	0.0398	0.027	0.000979	12.7	0.38	740	0.000635	0.000635	0.00000756	0.0162	0.0115	0.636	0.0702	0.0000158	174	0.000124	0.0172	0.000821	0.00342	0.06	0.0000544	31.2	89	0.269	0.00982	5.98	0.0543	0.0355	0.000312	0.00285	0.00144	1.71	0.00000535	0.0108	0.00186	0.00376	
2080 Jun	933	0.035	0.0242	0.00101	11.8	0.33	636	0.000716	0.000716	0.00000735	0.0152	0.01	0.547	0.0619	0.0000145	151	0.00011	0.0148	0.000718	0.00304	0.0581	0.0000484	26.9	76.5	0.233	0.00845	5.5	0.0468	0.038	0.000281	0.00249	0.00124	1.47	0.00000494	0.00924	0.00168	0.0036	
2080 Jul	939	0.0337	0.0241	0.00106	11.8	0.332	639	0.000769	0.000769	0.00000763	0.0156	0.0101	0.551	0.0623	0.0000148	152	0.000112	0.0149	0.000719	0.00307	0.0594	0.0000492	27.1	77	0.234	0.00849	5.53	0.047	0.0401	0.000277	0.00252	0.00125	1.48	0.00000506	0.00929	0.0017	0.00372	
2080 Aug	1020	0.0339	0.0253	0.00109	12.1	0.361	697	0.000778	0.000778	0.00000801	0.0165	0.0109	0.6	0.0667	0.0000158	164	0.00012	0.0162	0.000767	0.0033	0.061	0.000053	29.4	83.7	0.252	0.00925	5.74	0.0512	0.0407	0.000281	0.00273	0.00136	1.61	0.0000054	0.0101	0.0018	0.00393	
2080 Sep	1070	0.0342	0.0253	0.00106	12	0.378	731	0.000745	0.000745	0.00000806	0.0168	0.0114	0.629	0.0686	0.0000162	171	0.000125	0.017	0.000787	0.00341	0.0594	0.0000549	30.8	87.8	0.262	0.0097	5.69	0.0537	0.0392	0.000269	0.00284	0.00142	1.68	0.00000552	0.0106	0.00184	0.00397	
2080 Oct	1100	0.0333	0.0248	0.001	11.4	0.39	758	0.000681	0.000681	0.0000079	0.0168	0.0117	0.652	0.0695	0.0000164	176	0.000128	0.0176	0.000795	0.00347	0.0561	0.000056	31.9	90.9	0.268	0.0101	5.49	0.0556	0.0363	0.00025	0.00293	0.00147	1.74	0.00000555	0.011	0.00184	0.00394	
2080 Nov	1110	0.0327	0.0244	0.000966	11	0.394	767	0.000642	0.000642	0.00000776	0.0166	0.0118	0.659	0.0694	0.0000163	178	0.000128	0.0178	0.000793	0.00347	0.0539	0.0000562	32.2	91.8	0.269	0.0102	5.35	0.0562	0.0345	0.000238	0.00295	0.00149	1.75	0.00000552	0.0111	0.00183	0.00389	
2080 Dec	1110	0.0326	0.0243	0.000956	10.9	0.394	768	0.000633	0.000633	0.00000771	0.0166	0.0118	0.659	0.0693	0.0000163	178	0.000128	0.0178	0.000791	0.00347	0.0534	0.0000562	32.2	91.9	0.269	0.0102	5.31	0.0562	0.0341	0.000235	0.00295	0.00149	1.75	0.0000055	0.0112	0.00183	0.00388	
2081 Jan	1110	0.0327	0.0242	0.000956	11	0.394	767	0.000632	0.000632	0.00000771	0.0166	0.0118	0.659	0.0693	0.0000163	178	0.000128	0.0178	0.000791	0.00347	0.0534	0.0000561	32.2	91.8	0.269	0.0102	5.31	0.0562	0.0341	0.000235	0.00295	0.00148	1.75	0.0000055	0.0111	0.00183	0.00387	
2081 Feb	1110	0.0328	0.0243	0.000956	11	0.393	767	0.000633	0.000633	0.00000771	0.0166	0.0118	0.658	0.0693	0.0000163	178	0.000128	0.0178	0.000791	0.00347	0.0535	0.0000561	32.2	91.8	0.269	0.0102	5.31	0.0561	0.0341	0.000236	0.00295	0.00148	1.75	0.0000055	0.0111	0.00183	0.00387	
2081 Mar	1110	0.0328	0.0243	0.000956	11	0.393	767	0.000633	0.000633	0.00000771	0.0166	0.0118	0.658	0.0693	0.0000163	178	0.000128	0.0178	0.000792	0.00347	0.0536	0.0000561	32.2	91.8	0.269	0.0102	5.32	0.0561	0.0341	0.000236	0.00295	0.00148	1.75	0.0000055	0.0111	0.00183	0.00387	
2081 Apr	1120	0.033	0.0244	0.000961	11	0.395	770	0.000636	0.000636	0.00000775	0.0167	0.0119	0.662	0.0696	0.0000164	178	0.000128	0.0179	0.000796	0.00348	0.0539	0.0000564	32.3	92.2	0.27	0.0102	5.35	0.0564	0.0343	0.000237	0.00296	0.00149	1.76	0.00000552	0.0112	0.00184	0.00389	
2081 May	1020	0.0378	0.0247	0.000983	12.4	0.361	699	0.00069	0.00069	0.00000759	0.0158	0.011	0.601	0.068	0.0000154	166	0.000119	0.0163	0.000797	0.0033	0.0621	0.0000523	29.5	84.2	0.258	0.00928	5.71	0.0513	0.0376	0.000326	0.00271	0.00137	1.62	0.00000523	0.0102	0.00182	0.00373	
2081 Jun	909	0.0425	0.0248	0.00101	13.9	0.319	613	0.00076	0.00076	0.00000742	0.0149	0.00987	0.527	0.0656	0.0000143	150	0.000107	0.0143	0.000792	0.00307	0.0715	0.0000473	26.2	74.3	0.242	0.00815	6.07	0.0452	0.0417	0.000424	0.00241	0.00122	1.44	0.00000489	0.0089	0.00178	0.00356	
2081 Jul	998	0.0449	0.0267	0.00109	14.8	0.35	674	0.00081	0.00081	0.00000894	0.0162	0.0108	0.58	0.0713	0.0000156	164	0.000118	0.0157	0.000859	0.00335	0.0763	0.0000518	28.7	81.7	0.264	0.00895	6.5	0.0497	0.0444	0.00045	0.00265	0.00133	1.58	0.00000533	0.00979	0.00194	0.00387	
2081 Aug	1110	0.0468	0.0286	0.00114	15.6	0.387	749	0.000839	0.000839	0.00000863	0.0176	0.0119	0.644	0.0777	0.000017	181	0.000129	0.0174	0.000933	0.00367	0.0801	0.0000569	31.9	90.6	0.29	0.00994	6.87	0.0551	0.0461	0.000471	0.00293	0.00148	1.75	0.0000058	0.0109	0.0021	0.0042	
2081 Sep	1170	0.0448	0.0282	0.00109	14.9	0.41	796	0.00078	0.00078	0.00000861	0.0179	0.0125	0.684	0.0796	0.0000175	190	0.000135	0.0185	0.000949	0.00379	0.0763	0.0000594	33.7	96	0.301	0.0106	6.65	0.0585	0.0433	0.000441	0.0031	0.00156	1.85	0.00000595	0.0116	0.00214	0.00425	
2081 Oct	1210	0.0418	0.0275	0.00103	14	0.423	825	0.000711	0.000711	0.00000844	0.0179	0.0129	0.708	0.0799	0.0000177	195	0.000138	0.0192	0.000949	0.00384	0.0715	0.0000606	34.8	99.3	0.307	0.0109	6.34	0.0605	0.0398	0.000409	0.00319	0.00161	1.91	0.00000597	0.012	0.00214	0.00423	
2081 Nov	1200	0.0409	0.0264	0.00098	13.3	0.42	821	0.000667	0.000667	0.0000082	0.0176	0.0128	0.705	0.0784	0.0000174	193	0.000137	0.0191	0.000926	0.00379	0.0676	0.00006	34.6	98.7	0.302	0.0109	6.05	0.0602	0.0376	0.000379	0.00316	0.0016	1.89	0.00000587	0.0119	0.00208	0.00412	
2081 Dec	1190	0.0413	0.0261	0.000973	13.2	0.417	815	0.000663	0.000663	0.00000815	0.0175	0.0127	0.699	0.0777	0.0000173	192	0.000136	0.0189	0.000917	0.00376	0.0669	0.0000595	34.3	98	0.299	0.0108	6	0.0597	0.0375	0.000372	0.00314	0.00159	1.88	0.00000582	0.0118	0.00206	0.00408	
2082 Jan	1190	0.0414	0.026	0.000972	13.2	0.417	814	0.000663	0.000663	0.00000814	0.0174	0.0126	0.698	0.0776	0.0000172	192	0.000136	0.0189	0.000916	0.00376	0.0669	0.0000594	34.3	97.8	0.299	0.0108	6	0.0596	0.0375	0.000372	0.00313	0.00159	1.88	0.00000581	0.0118	0.00206	0.00408	
2082 Feb	1190	0.0415	0.0261	0.000972	13.2	0.416	813	0.000663	0.000663	0.00000813	0.0174	0.0126	0.698	0.0776	0.0000172	191	0.000135	0.0189	0.000917	0.00375	0.067	0.0000594	34.3	97.8	0.299	0.0108	6	0.0596	0.0375	0.000372	0.00313	0.00159	1.88	0.00000581	0.0118	0.00206	0.00407	
2082 Mar	1190	0.0415	0.0261	0.000972	13.2	0.416	813

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2084 Dec	1070	0.0415	0.019	0.000756	11.8	0.374	732	0.000576	0.000576	0.00000721	0.0155	0.0114	0.627	0.0721	0.0000154	174	0.000121	0.017	0.000867	0.00342	0.0655	0.0000532	30.9	88.2	0.276	0.0097	4.92	0.0536	0.034	0.000402	0.00281	0.00143	1.7	0.00000519	0.0106	0.0019	0.00358	
2085 Jan	1070	0.0413	0.0189	0.000752	11.7	0.375	733	0.000573	0.000573	0.0000072	0.0155	0.0114	0.628	0.0721	0.0000154	174	0.000121	0.017	0.000866	0.00342	0.0652	0.0000532	30.9	88.3	0.276	0.00971	4.9	0.0537	0.0338	0.0004	0.00281	0.00143	1.7	0.00000518	0.0106	0.0019	0.00358	
2085 Feb	1070	0.0413	0.0189	0.000752	11.7	0.375	733	0.000573	0.000573	0.0000072	0.0155	0.0114	0.628	0.0721	0.0000154	174	0.000121	0.017	0.000866	0.00342	0.0652	0.0000532	30.9	88.3	0.276	0.00971	4.9	0.0537	0.0338	0.0004	0.00281	0.00143	1.7	0.00000518	0.0106	0.0019	0.00358	
2085 Mar	1070	0.0414	0.0189	0.000752	11.8	0.375	733	0.000573	0.000573	0.0000072	0.0155	0.0114	0.628	0.0721	0.0000154	174	0.000121	0.017	0.000867	0.00342	0.0653	0.0000532	30.9	88.3	0.276	0.00971	4.9	0.0537	0.0338	0.000401	0.00281	0.00143	1.7	0.00000518	0.0106	0.0019	0.00358	
2085 Apr	1070	0.0416	0.019	0.000756	11.8	0.376	736	0.000576	0.000576	0.0000072	0.0155	0.0115	0.63	0.0724	0.0000155	175	0.000122	0.0171	0.000871	0.00344	0.0656	0.0000535	31	88.6	0.277	0.00975	4.93	0.0539	0.034	0.000403	0.00282	0.00144	1.7	0.00000521	0.0107	0.00191	0.0036	
2085 May	1050	0.042	0.0192	0.000753	12.2	0.365	714	0.000582	0.000582	0.0000073	0.0152	0.0112	0.612	0.0719	0.0000151	171	0.000119	0.0166	0.000872	0.00337	0.0679	0.0000521	30.2	86.2	0.274	0.00946	5.02	0.0524	0.0344	0.000433	0.00275	0.0014	1.66	0.0000051	0.0104	0.0019	0.00354	
2085 Jun	976	0.0453	0.0201	0.000796	13.4	0.339	661	0.00064	0.00064	0.0000071	0.0147	0.0106	0.567	0.0709	0.0000145	162	0.000112	0.0154	0.000877	0.00325	0.0752	0.0000492	28.1	80.2	0.265	0.00877	5.41	0.0486	0.0377	0.000506	0.00257	0.00131	1.56	0.00000492	0.00959	0.0019	0.00347	
2085 Jul	1080	0.0464	0.0211	0.000829	13.9	0.374	731	0.000658	0.000658	0.0000076	0.0159	0.0116	0.626	0.0766	0.0000158	177	0.000123	0.017	0.000943	0.00353	0.0782	0.0000539	31	88.5	0.289	0.00969	5.63	0.0537	0.0389	0.000522	0.00283	0.00144	1.71	0.00000534	0.0106	0.00205	0.00375	
2085 Aug	1180	0.0436	0.021	0.000801	13.3	0.41	804	0.000618	0.000618	0.0000078	0.0168	0.0126	0.689	0.0806	0.0000168	192	0.000133	0.0187	0.000983	0.00377	0.0755	0.0000583	34	97	0.309	0.0106	5.46	0.059	0.0368	0.000496	0.00309	0.00158	1.87	0.00000567	0.0117	0.00214	0.00394	
2085 Sep	1200	0.0399	0.0192	0.000723	11.7	0.42	826	0.00054	0.00054	0.0000075	0.0166	0.0128	0.707	0.0791	0.0000168	195	0.000135	0.0192	0.00095	0.00376	0.0668	0.000059	34.8	99.4	0.308	0.0109	4.89	0.0605	0.0325	0.00042	0.00316	0.00161	1.91	0.00000564	0.012	0.00208	0.00386	
2085 Oct	1200	0.0371	0.0177	0.000659	10.5	0.421	832	0.000478	0.000478	0.0000073	0.0163	0.0128	0.712	0.0771	0.0000166	194	0.000134	0.0193	0.000917	0.00371	0.0601	0.0000588	34.9	99.8	0.303	0.011	4.44	0.0608	0.0292	0.000364	0.00316	0.00161	1.91	0.00000554	0.0121	0.00201	0.00376	
2085 Nov	1180	0.037	0.0168	0.000637	10	0.415	818	0.00046	0.00046	0.0000071	0.016	0.0125	0.7	0.0751	0.0000163	190	0.000132	0.019	0.000888	0.00364	0.057	0.0000577	34.2	98	0.295	0.0108	4.24	0.0597	0.0282	0.000335	0.0031	0.00158	1.87	0.00000543	0.0119	0.00195	0.00367	
2085 Dec	1180	0.037	0.0167	0.000635	9.95	0.414	816	0.000459	0.000459	0.0000071	0.016	0.0125	0.699	0.0749	0.0000163	190	0.000131	0.0189	0.000885	0.00363	0.0567	0.0000576	34.2	97.9	0.294	0.0108	4.22	0.0596	0.0281	0.000332	0.0031	0.00158	1.87	0.00000542	0.0119	0.00194	0.00366	
2086 Jan	1180	0.037	0.0167	0.000635	9.96	0.414	815	0.000459	0.000459	0.0000071	0.016	0.0125	0.698	0.0748	0.0000163	190	0.000131	0.0189	0.000885	0.00363	0.0567	0.0000575	34.2	97.8	0.294	0.0108	4.22	0.0596	0.0281	0.000332	0.00309	0.00158	1.87	0.00000542	0.0118	0.00194	0.00365	
2086 Feb	1180	0.0371	0.0168	0.000635	9.97	0.413	815	0.000459	0.000459	0.0000071	0.016	0.0125	0.698	0.0748	0.0000162	189	0.000131	0.0189	0.000885	0.00363	0.0568	0.0000575	34.1	97.7	0.294	0.0108	4.23	0.0595	0.0282	0.000332	0.00309	0.00158	1.87	0.00000542	0.0118	0.00194	0.00365	
2086 Mar	1180	0.0372	0.0168	0.000636	9.99	0.414	815	0.00046	0.00046	0.0000071	0.016	0.0125	0.698	0.0749	0.0000162	190	0.000131	0.0189	0.000886	0.00363	0.0569	0.0000575	34.1	97.7	0.294	0.0108	4.23	0.0595	0.0282	0.000332	0.00309	0.00158	1.87	0.00000542	0.0118	0.00194	0.00365	
2086 Apr	1190	0.0374	0.0169	0.000639	10.1	0.416	820	0.000462	0.000462	0.0000071	0.0161	0.0125	0.701	0.0753	0.0000163	191	0.000132	0.019	0.000891	0.00365	0.0573	0.0000578	34.3	98.3	0.296	0.0108	4.26	0.0599	0.0284	0.000334	0.00311	0.00159	1.88	0.00000545	0.0119	0.00195	0.00368	
2086 May	1190	0.038	0.0172	0.000649	10.3	0.416	820	0.000473	0.000473	0.0000072	0.0162	0.0126	0.702	0.0759	0.0000164	191	0.000132	0.019	0.000902	0.00367	0.059	0.000058	34.4	98.4	0.298	0.0109	4.35	0.0599	0.029	0.00035	0.00311	0.00159	1.88	0.00000547	0.0119	0.00197	0.0037	
2086 Jun	867	0.0368	0.0163	0.000747	11.1	0.303	588	0.000625	0.000625	0.0000066	0.0136	0.00937	0.505	0.0617	0.0000132	143	0.000101	0.0137	0.000751	0.00288	0.0644	0.0000443	25	71.2	0.231	0.0078	4.48	0.0433	0.0352	0.000402	0.0023	0.00116	1.38	0.00000449	0.00853	0.00167	0.00323	
2086 Jul	937	0.0362	0.0169	0.000797	11.2	0.328	637	0.000666	0.000666	0.0000071	0.0146	0.0101	0.547	0.0655	0.0000142	154	0.000109	0.0148	0.00079	0.00309	0.0663	0.0000479	27	77	0.246	0.00844	4.59	0.0468	0.037	0.000401	0.00249	0.00126	1.49	0.00000484	0.00925	0.00178	0.00349	
2086 Aug	1030	0.0343	0.0168	0.000782	10.8	0.362	705	0.000641	0.000641	0.0000073	0.0155	0.0111	0.605	0.0696	0.0000153	168	0.000119	0.0164	0.000831	0.00332	0.0647	0.0000521	29.8	85	0.265	0.00934	4.5	0.0517	0.0357	0.000381	0.00273	0.00138	1.63	0.00000517	0.0102	0.00186	0.00367	
2086 Sep	1080	0.0317	0.0158	0.000721	9.87	0.378	740	0.000577	0.000577	0.0000072	0.0155	0.0115	0.635	0.0701	0.0000155	174	0.000122	0.0172	0.000827	0.00339	0.059	0.0000538	31.1	88.9	0.271	0.0098	4.15	0.0542	0.0322	0.000334	0.00284	0.00144	1.7	0.00000524	0.0107	0.00185	0.00365	
2086 Oct	1110	0.0297	0.0151	0.000668	9.13	0.391	769	0.00052	0.00052	0.0000071	0.0156	0.0118	0.659	0.0707	0.0000158	179	0.000125	0.0178	0.00083	0.00345	0.0552	0.0000551	32.2	92.2	0.277	0.0102	3.89	0.0562	0.0294	0.000307	0.00294	0.00149	1.76	0.00000528	0.0112	0.00186	0.00365	
2086 Nov	1120	0.0295	0.015	0.000662	9.04	0.393	773	0.000514	0.000514	0.0000071	0.0156	0.0119	0.662	0.0708	0.0000158	180	0.000126	0.0179	0.000831	0.00346	0.0547	0.0000553	32.4	92.6	0.278	0.0102	3.86	0.0565	0.0291	0.000303	0.00295	0.0015	1.77	0.00000529	0.0112	0.00186	0.00365	
2086 Dec	1120	0.0293	0.015	0.000657	8.97	0.394	774	0.000509	0.000509	0.0000071	0.0156	0.0119	0.664	0.0708	0.0000158	180	0.000126	0.018	0.000831	0.00346	0.0544	0.0000554	32.5	92.8	0.278	0.0102	3.83	0.0566	0.0289	0.000301	0.00296	0.0015	1.77	0.00000529	0.0112	0.00186	0.00365	
2087 Jan	1120	0.0293	0.0149	0.000656	8.97	0.394	774	0.000508	0.000508	0.0000071	0.0156	0.0119	0.663	0.0708	0.0000158	180	0.000126	0.018	0.000831	0.00346	0.0543	0.0000553	32.5	92.8	0.278	0.0102	3.83	0.0566	0.0288	0.000301	0.00296	0.0015	1.77	0.00000529	0.0112	0.00186	0.00365	
2087 Feb	1120	0.0293	0.015	0.000657	8.98	0.394	774	0.000509	0.000509	0.0000071	0.0156	0.0119	0.664	0.0708	0.0000158	180	0.000126	0.018	0.000831	0.00346	0.0544	0.0000554	32.5	92.8	0.278	0.0102	3.84	0.0566	0.0289	0.000301	0.00296	0.0015	1.77	0.00000529	0.0112	0.00186	0.00365	
2087 Mar	1120	0.0294	0.015	0.000657	9	0.394	775	0.000509	0.000509	0.0000071	0.0156	0.0119	0.664	0.0709	0.0000158	180	0.000126	0.018	0.000832	0.00346	0.0545	0.0000554	32.5	92.9	0.278	0.0102	3.84	0.0567	0.0289	0.000301	0.00296	0.0015	1.78	0.0000053	0.0113	0.00186	0.00365	
2087 Apr	1120	0.0295	0.015	0.000659	9.03	0.395	777	0.000511	0.000511	0.0000071	0.0157	0.0119	0.666	0.0711	0.0000159	181	0.000127	0.018	0.000835	0.00347	0.0547	0.0000556	32.6	93.2	0.279	0.0103	3.86	0.0568	0.029	0.000302	0.00297	0.00151	1.78	0.00000531	0.0113	0.00186	0.00366	
2087 May	1070	0.0328	0.0158	0.000693	10	0.374	734	0.000553	0.000553	0.0000071	0.0153	0.0114	0.629	0.0701	0.0000153	173	0.000121	0.017	0.000834	0.00336	0.0599	0.0000531	30.9	88.2	0.271	0.00971	4.18	0.0537	0.0314	0.000355	0.00282	0.00143	1.69	0.00000515	0.0107	0.00185	0.00359	
2087 Jun	845	0.0435	0.0182	0.0008	13.4	0.293	566	0.000693	0.000693	0.0000068	0.0135	0.00925	0.486	0.0652	0.0000131	142	0.0000987	0.0132	0.000817	0.00292	0.0772	0.0000435	24.3	69.1	0.238	0.00752	5.22	0.0418	0.0396	0.000531	0.00223	0.00114	1.35	0.0000045	0.00821	0.00178	0.00325	
2087 Jul	945	0.0432	0.0188	0.00081	13.5	0.328	637	0.000693	0.000693	0.0000072	0.0146	0.0103	0.547	0.0703	0.0000143	157	0.000109	0.0149	0.000875	0.00319	0.0784	0.0000482	27.2	77.5	0.261	0.00845	5.29	0.047	0.0397	0.000534	0.00249	0.00127	1.51	0.00000489	0.00925	0.00191	0.0035	
2087 Aug	1040	0.0435	0.0194	0.000827	13.7	0.36	701	0.000699	0.000699	0.0000076	0.0157	0.0112	0.601	0.0753	0.0000155	171	0.000119	0.0163	0.000931	0.00344	0.0803	0.0000524	29.9	85.1	0.282	0.00929	5.41	0.0516	0.0402	0.000542	0.00273	0.00139	1.65	0.00000526	0.0102	0.00203	0.00374	
2087 Sep	1110	0.0409	0.0189	0.000784	12.9	0.386	757	0.000649	0.000649	0.0000077	0.0162	0.0119	0.648	0.0778	0.0000162	182	0.000127	0.0176	0.000954	0.0036	0.0767	0.0000555	32.1	91.5	0.296	0.01	5.15	0.0556	0.0377	0.000512	0.00293	0.00149	1.77	0.00000547	0.011	0.00209	0.00385	
2087 Oct	1140	0.0374	0.0177	0.000718	11.7	0.398	782	0.000582	0.000582	0.0000075	0.0161	0.0122	0.67	0.0774	0.0000163	186	0.000129	0.0182	0.000941	0.00363	0.0707	0.0000566	33	94.3	0.298	0.0103	4.74	0.0574	0.0342	0.000463	0.00301	0.00153	1.82	0.00000548	0.0114	0.00206	0.00382	
2087 Nov	1140	0.0371	0.0173	0.000704	11.4	0.398	783	0.000568	0.000568	0.0000074	0.0161	0.0122	0.671	0.0769	0.0000162	186	0.000129	0.0182	0.000932	0.00362	0.069	0.0000565	33	94.4	0.297	0.0104	4.64	0.0574	0.0335	0.000448	0.00301	0.00153	1.81	0.00000545	0.0114	0.00204	0.00379	
2087 Dec	1140	0.0366	0.0171	0.000695	11.3	0.399	785	0.000559	0.000559	0.0000074	0.016	0.0122	0.672	0.0767	0.0000162	186	0.000129	0.0182	0.000928	0.00362	0.0682	0.0000565	33.1	94.5	0.297	0.0104	4.58	0.0575	0.033	0.000441	0.00301	0.00153	1.82	0.00000545	0.0114	0.00204	0.00378	
2088 Jan	1140	0.0366	0.0171	0.000693	11.3	0.399	785	0.000557	0.000557	0.0000074	0.016	0.0122	0.672	0.0766	0.0000162	186	0.000129	0.0182	0.000928	0.00361	0.068	0.0000565	33.1	94.5	0.297	0.0104	4.57	0.0575	0.0329	0.00044	0.00301	0.00153	1.82	0.00000544	0.0114	0.00204	0.00378	
2088 Feb	1140	0.0366	0.0171	0.000694	11.3	0.399	785	0.000558	0.000558	0.0000074	0.016	0.0122	0.672	0.0766	0.0000162	186	0.000129	0.0182	0.000928	0.00361	0.0681	0.0000565	33.1	94.5	0.297	0.0104	4.57	0.0575	0.0329	0.00044	0.00301	0.00153	1.82	0.00000544	0.0114	0.00204	0.00378	
2088 Mar	1140	0.0367	0.0171	0.000695	11.3	0.399	786	0.000558	0.000558	0.0000074	0.0161	0.0122	0.673	0.0767	0.0000162	186	0.000129	0.0182	0.000929	0.00362	0.0682	0.0000565	33.1	94.6	0.297	0.0104	4.58	0.0575	0.033	0.000441	0.00301	0.00154	1.82	0.00000545	0.0114	0.00204	0.00378	
2088 Apr	1160	0.0371	0.0173	0.000702	11.4	0.403	794	0.000565	0.000565	0.0000075	0.0162	0.0123	0.68	0.0776	0.0000164	188	0.00013	0.0184	0.00094	0.00366	0.069	0.0000572	33.5	95.7	0.3	0.0105	4.63	0.0582	0.0333	0.000446	0.00305	0.00155	1.84	0.00000551	0.0115	0.00206	0.00383	
2088 May	1190	0.038	0.0177	0.000719	11.7	0.414	815	0.000578	0.000578	0.0000077	0.0167	0.0127	0.698	0.0796	0.0000168	193	0.000134	0.0189	0.000964	0.00375	0.0707	0.0000587	34.4	98.2	0.308	0.0108	4.74	0.0597	0.0341	0.000457	0.00313	0.00159	1.89	0.00000565	0.0118	0.00211	0.00392	
2088 Jun	979	0.0326	0.0159	0.000801	10.7	0.343	668	0.000686	0.000686	0.0000073	0.0152	0.0106	0.574	0.0673	0.0000148	160	0.000114	0.0155	0.000806	0.0032	0.0661	0.0000502	28.3	80.6	0.255	0.00884	4.37	0.0491	0.0374	0.00039	0.00261	0.00131	1.55	0.00000505	0.0097	0.00183	0.00366	
2088 Jul	1020	0.0325	0.0163	0.000854	10.9	0.359	698	0.000735	0.000735	0.0000078	0.0161	0.011	0.6	0.0699	0.0000156	167	0.00012	0.0163	0.000833	0.00334	0.0683	0.0000526	29.6	84.3	0.265	0.00924	4.48	0.0513	0.0396	0.000392	0.00274	0.00137	1.62	0.00000532	0.0101	0.00191	0.00388	
2088 Aug	1140	0.0335	0.0172	0.000885	11.3	0.399	777	0.000755	0.000755	0.0000083	0.0174	0.0122	0.668	0.0763	0.0000171	185	0.000132	0.0181	0.000907	0.00366	0.0715	0.000058	32.9	93.6	0.291	0.0103	4.67	0.0571	0.0409	0.000408	0.00303	0.00152	1.8	0.0000058	0.0113	0.00208	0.0042	
2088 Sep	1200	0.0316	0.0168	0.00084	10.7	0.421	825	0.000705	0.000705	0.0000084	0.0178	0.0128	0.708	0.0787	0.0000176	194	0.000139	0.0192	0.000932	0.0038	0.0689	0.0000606	34.8	99.2	0.304	0.0109	4.48	0.0605	0.0385	0.000391	0.0032	0.00161	1.9	0.00000596	0.012	0.00213	0.00428	
2088 Oct	1160	0.0329	0.0152	0.000773	9.88	0.409	800	0.000646	0.000646	0.0000079	0.0171	0.0124	0.687	0.0751	0.0000169	187	0.000133	0.0186	0.000881	0.00366	0.0628	0.0000584	33.7	96.1	0.291	0.0106	4.12	0.0586	0.0358	0.00034	0.00309	0.00156	1.84	0.00000571	0.0116	0.002	0.00404	
2088 Nov	1140	0.0347	0.0147	0.000767	9.8	0.401	782	0.000642	0.000642	0.0000078	0.0168	0.0121	0.671	0.0734	0.0000166	183	0.000131	0.0182	0.000859	0.00359	0.0615	0.0000572	32.9	93.9	0.284	0.0104	4.06	0.0573	0.0357	0.000325	0.00301	0.00152	1.8	0.0000056	0.0114	0.00195	0.00394	
2088 Dec	1140	0.0345	0.0146	0.00076	9.72	0.401	783	0.000636	0.000636	0.0000078	0.0168	0.0121	0.672	0.0733	0.0000166	183	0.00013	0.0182	0.000858	0.00358	0.061	0.0000572	32.9	94	0.283	0.0104	4.03	0.0573	0.0354	0.000322	0.00301	0.00152	1.8	0.00000559	0.0114	0.00195	0.00393	
2089 Jan	1140	0.0346	0.0146	0.00076	9.73	0.401	783	0.000636	0.000636	0.0000078	0.0168	0.0121	0.672	0.0733	0.0000166	183	0.00013	0.0182	0.000857	0.00358	0.061	0.0000571	32.9	93.9	0.283	0.0104	4.03	0.0573	0.0354	0.000322	0.00301	0.00152	1.8	0.00000559	0.0114	0.00195	0.00393	
2089 Feb	1140	0.0346	0.0146	0.00076	9.74	0.4	782	0.000636	0.000636	0.0000078	0.0168	0.0121	0.671	0.0733	0.0000166	183	0.00013	0.0182	0.000858	0.00358	0.0611	0.0000571	32.9	93.9	0.283	0.0104	4.04	0.0573	0.0354	0.000322	0.00301	0.00152	1.8	0.00000559	0.0114	0.00194	0.00393	
2089 Mar	1140	0.0347	0.0146	0.000761	9.76	0.401	783	0.000637	0.000637	0.0000078	0.0168	0.0121	0.672	0.0734	0.0000166	183	0.000131	0.0182	0.000859	0.00359	0.0612	0.0000572	32.9	94	0.284	0.0104	4.05	0.0574	0.0355	0.000323	0.00302	0.00152	1.8	0.0000056	0.0114	0.00195	0.00394	
2089 Apr	1150	0.0349	0.0148	0.000767	9.84	0.404	789	0.000642	0.000642	0.0000078	0.0169	0.0122	0.677	0.074	0.0000167	185	0.000131	0.0183	0.000865	0.00361	0.0617	0.0000576	33.2	94.7	0.286	0.0104	4.08	0.0578	0.0357	0.000325	0.00304	0.00153	1.81	0.00000563	0.0115	0.00196	0.00396	
2089 May	1080	0.0389	0.0158	0.000805	11.1	0.379	738	0.000688	0.000688	0.0000081	0.0164	0.0116	0.633	0.0729	0.0000161	176	0.000125	0.0172	0.000868	0.00349	0.0681	0.0000547	31.2	88.9	0.277	0.00979	4.49	0.0542	0.0385	0.000391	0.00286	0.00145	1.71	0.00000544	0.0107	0.00195	0.00387	
2089 Jun	912	0.0468	0.018	0.000876	13.8	0.318	612	0.000781	0.000781	0.0000075	0.015	0.00998	0.526	0.0695	0.0000143	153	0.000108	0.0143	0.000861	0.00316	0.0816	0.0000474	26.3	74.6	0.254	0.00814	5.34	0.0452	0.0441	0.000535	0.00242	0.00122	1.46	0.00000493	0.00888	0.0019	0.00359	
2089 Jul	1010	0.0447	0.0179	0.000862	13.4	0.353	684	0.000759	0.000759	0.0000084	0.0159	0.011	0.587	0.0739	0.0000155	168	0.000118	0.0159	0.000907	0.00341	0.0805	0.0000519	29.2	83	0.274	0.00908	5.23	0.0504	0.043	0.00052	0.00268	0.00136	1.61	0.00000528	0.00993	0.002	0.0038	
2089 Aug	1080	0.0417	0.0174	0.000843	12.8	0.378	735	0.000735	0.000735	0.0000082	0.0165	0.0117	0.63	0.0764	0.0000162	178	0.000125	0.0171	0.000929	0.00357	0.0782	0.0000549	31.2	88.9	0.287	0.00974	5.05	0.054	0.0415	0.000493	0.00286	0.00145	1.72	0.00000552	0.0107	0.00205	0.00392	
2089 Sep	1140	0.0379	0.0161	0.00076	11.4

Appendix D.2-2: CP2

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2560	1.25	4.45	0.0792	1050	0.211	396	0.0000435	0.0000435	0.00000609	0.0118	0.00661	0.344	0.0386	0.0000105	94.3	0.0000759	0.00925	0.000418	0.002	0.0355	0.0000332	16.9	47.7	0.14	0.00528	690	0.0293	0.00693	0.0000895	0.00162	0.000779	0.917	0.00000368	0.00577	0.00112	0.00292	
Operation (2026-2036): Mean	6530	3.51	12.5	0.222	2960	0.577	1150	0.000274	0.000274	0.00000822	0.0201	0.0171	0.985	0.0913	0.0000211	257	0.000178	0.0266	0.00103	0.00468	0.04	0.0000777	47.6	137	0.38	0.0152	1940	0.0837	0.0184	0.000151	0.0043	0.00219	2.58	0.00000692	0.0167	0.00231	0.00453	
Operation (2026-2036): Max	12000	7.05	25.3	0.448	5970	0.749	1520	0.000749	0.000749	0.00000958	0.0243	0.0225	1.29	0.116	0.0000265	334	0.00023	0.035	0.00133	0.00593	0.071	0.0000997	62.4	180	0.498	0.0199	3920	0.11	0.0359	0.000464	0.00565	0.00288	3.38	0.00000859	0.022	0.00298	0.00562	
2092 Jun	693	0.0372	0.0126	0.000661	10.7	0.241	464	0.000618	0.000618	0.00000583	0.0115	0.00761	0.398	0.0538	0.000011	117	0.0000819	0.0108	0.00067	0.00242	0.0647	0.0000361	19.9	56.6	0.195	0.00617	4.01	0.0343	0.0348	0.00043	0.00183	0.000931	1.11	0.00000378	0.00673	0.00147	0.00275	
2092 Jul	780	0.035	0.0124	0.000661	10.3	0.272	526	0.000614	0.000614	0.00000618	0.0124	0.00849	0.452	0.0575	0.000012	130	0.0000912	0.0123	0.000707	0.00264	0.0639	0.0000402	22.5	63.9	0.213	0.00699	3.89	0.0388	0.0344	0.000413	0.00206	0.00105	1.24	0.00000412	0.00764	0.00156	0.00298	
2092 Aug	889	0.0334	0.0123	0.000642	9.91	0.311	605	0.000588	0.000588	0.00000652	0.0135	0.0096	0.519	0.0626	0.0000133	146	0.000103	0.0141	0.000762	0.00292	0.0632	0.0000451	25.7	73.2	0.236	0.00802	3.79	0.0445	0.0332	0.000402	0.00235	0.00119	1.42	0.00000451	0.00879	0.00169	0.00321	
2092 Sep	1000	0.0272	0.0107	0.000531	8.11	0.35	689	0.000471	0.000471	0.00000644	0.014	0.0106	0.59	0.0654	0.0000141	162	0.000113	0.016	0.000782	0.00312	0.0547	0.0000494	29	82.8	0.255	0.0091	3.16	0.0504	0.0272	0.000337	0.00264	0.00134	1.59	0.00000474	0.01	0.00173	0.0033	
2092 Oct	1050	0.0235	0.00949	0.000456	6.91	0.369	730	0.000393	0.000393	0.00000629	0.0141	0.0111	0.625	0.0661	0.0000145	169	0.000118	0.0169	0.000783	0.00321	0.0487	0.0000514	30.6	87.5	0.263	0.00964	2.73	0.0533	0.0232	0.000292	0.00278	0.00141	1.67	0.00000482	0.0106	0.00174	0.0033	
2092 Nov	1060	0.0229	0.00909	0.000435	6.56	0.372	738	0.000372	0.000372	0.00000623	0.0141	0.0112	0.631	0.0659	0.0000145	170	0.000118	0.0171	0.000778	0.00321	0.0468	0.0000516	30.8	88.3	0.263	0.00973	2.61	0.0539	0.0222	0.000276	0.0028	0.00143	1.68	0.00000482	0.0107	0.00173	0.00329	
2092 Dec	1060	0.023	0.00906	0.000434	6.54	0.372	738	0.000371	0.000371	0.00000623	0.0141	0.0112	0.632	0.0659	0.0000145	170	0.000118	0.0171	0.000777	0.00321	0.0467	0.0000516	30.8	88.3	0.263	0.00974	2.6	0.0539	0.0222	0.000274	0.0028	0.00143	1.68	0.00000482	0.0107	0.00173	0.00329	
2093 Jan	1060	0.0229	0.00905	0.000433	6.53	0.372	738	0.00037	0.00037	0.00000623	0.0141	0.0112	0.632	0.0659	0.0000145	170	0.000118	0.0171	0.000777	0.00321	0.0466	0.0000516	30.8	88.3	0.263	0.00974	2.6	0.0539	0.0221	0.000273	0.0028	0.00143	1.68	0.00000482	0.0107	0.00173	0.00328	
2093 Feb	1060	0.0229	0.00906	0.000433	6.54	0.372	738	0.00037	0.00037	0.00000623	0.0141	0.0112	0.632	0.0659	0.0000145	170	0.000118	0.0171	0.000778	0.00321	0.0467	0.0000516	30.8	88.4	0.263	0.00974	2.6	0.0539	0.0221	0.000274	0.0028	0.00143	1.68	0.00000482	0.0107	0.00173	0.00328	
2093 Mar	1070	0.023	0.00908	0.000434	6.55	0.374	741	0.00037	0.00037	0.00000624	0.0141	0.0113	0.634	0.0661	0.0000145	171	0.000119	0.0172	0.00078	0.00322	0.0468	0.0000518	31	88.7	0.264	0.00978	2.6	0.0541	0.0221	0.000274	0.00281	0.00143	1.69	0.00000483	0.0108	0.00173	0.00329	
2093 Apr	1070	0.0232	0.00915	0.000437	6.6	0.376	746	0.000373	0.000373	0.00000629	0.0142	0.0113	0.639	0.0666	0.0000146	172	0.00012	0.0173	0.000786	0.00325	0.0471	0.0000522	31.2	89.3	0.266	0.00985	2.62	0.0545	0.0223	0.000276	0.00283	0.00144	1.7	0.00000487	0.0108	0.00174	0.00332	
2093 May	1060	0.0245	0.00966	0.000451	7.09	0.372	737	0.000388	0.000388	0.00000631	0.0142	0.0112	0.631	0.067	0.0000146	171	0.000119	0.0171	0.000796	0.00324	0.0498	0.0000518	30.9	88.4	0.266	0.00973	2.79	0.0538	0.0233	0.000303	0.00281	0.00143	1.69	0.00000485	0.0107	0.00176	0.00332	
2093 Jun	839	0.034	0.0127	0.000604	10.3	0.291	569	0.000556	0.000556	0.00000614	0.0126	0.00908	0.487	0.0612	0.0000125	139	0.0000968	0.0132	0.00076	0.00279	0.0654	0.0000424	24.2	69	0.23	0.00752	3.89	0.0418	0.0322	0.000449	0.00222	0.00113	1.34	0.00000424	0.00825	0.00166	0.00304	
2093 Jul	926	0.0346	0.0131	0.000626	10.6	0.321	629	0.000574	0.000574	0.00000659	0.0137	0.00998	0.539	0.0661	0.0000136	153	0.000106	0.0146	0.000816	0.00303	0.0679	0.0000465	26.7	76.2	0.25	0.00832	4	0.0462	0.0333	0.000462	0.00245	0.00124	1.47	0.00000461	0.00913	0.00179	0.00329	
2093 Aug	1020	0.0334	0.013	0.000613	10.3	0.355	698	0.000556	0.000556	0.00000691	0.0146	0.0109	0.597	0.0705	0.0000147	167	0.000116	0.0162	0.000864	0.00328	0.0675	0.0000508	29.5	84.2	0.271	0.00921	3.92	0.0512	0.0325	0.000453	0.0027	0.00137	1.62	0.00000496	0.0101	0.0019	0.0035	
2093 Sep	1080	0.0307	0.012	0.000558	9.26	0.377	745	0.000498	0.000498	0.00000691	0.015	0.0115	0.638	0.072	0.0000152	176	0.000122	0.0173	0.000873	0.0034	0.0626	0.0000533	31.4	89.7	0.281	0.00984	3.56	0.0546	0.0295	0.000409	0.00286	0.00146	1.72	0.00000511	0.0108	0.00192	0.00356	
2093 Oct	1040	0.0326	0.0101	0.000514	8.19	0.363	715	0.000458	0.000458	0.00000652	0.0144	0.011	0.612	0.0671	0.0000145	167	0.000116	0.0166	0.000799	0.00323	0.0544	0.0000501	30	85.8	0.262	0.00946	3.13	0.0523	0.0275	0.000325	0.00272	0.00139	1.64	0.00000486	0.0104	0.00176	0.00332	
2093 Nov	1010	0.0341	0.00929	0.000503	7.85	0.354	695	0.000448	0.000448	0.00000636	0.0141	0.0107	0.595	0.0648	0.0000141	162	0.000113	0.0161	0.000764	0.00314	0.0513	0.0000496	29.2	83.4	0.252	0.00922	2.99	0.0508	0.027	0.000292	0.00264	0.00135	1.6	0.00000473	0.0101	0.00168	0.00321	
2093 Dec	1010	0.0343	0.00924	0.000502	7.82	0.354	694	0.000448	0.000448	0.00000635	0.0141	0.0107	0.594	0.0646	0.0000141	162	0.000113	0.0161	0.000762	0.00314	0.0511	0.0000495	29.1	83.3	0.251	0.00921	2.98	0.0507	0.027	0.000289	0.00264	0.00135	1.59	0.00000472	0.0101	0.00167	0.0032	
2094 Jan	1010	0.0342	0.00922	0.0005	7.8	0.354	694	0.000446	0.000446	0.00000634	0.0141	0.0107	0.595	0.0646	0.0000141	162	0.000113	0.0161	0.000762	0.00314	0.051	0.0000495	29.1	83.3	0.251	0.00921	2.97	0.0508	0.0269	0.000288	0.00264	0.00135	1.59	0.00000472	0.0101	0.00167	0.0032	
2094 Feb	1010	0.0342	0.00923	0.0005	7.81	0.354	694	0.000446	0.000446	0.00000634	0.0141	0.0107	0.595	0.0646	0.0000141	162	0.000113	0.0161	0.000762	0.00314	0.051	0.0000495	29.1	83.3	0.252	0.00921	2.97	0.0508	0.0269	0.000288	0.00264	0.00135	1.59	0.00000472	0.0101	0.00167	0.0032	
2094 Mar	1010	0.0343	0.00925	0.000501	7.83	0.355	695	0.000447	0.000447	0.00000635	0.0141	0.0107	0.596	0.0647	0.0000141	162	0.000113	0.0161	0.000764	0.00314	0.0512	0.0000496	29.2	83.5	0.252	0.00922	2.98	0.0508	0.027	0.000289	0.00264	0.00135	1.6	0.00000473	0.0101	0.00168	0.0032	
2094 Apr	1010	0.0345	0.00931	0.000503	7.88	0.356	699	0.000449	0.000449	0.00000638	0.0142	0.0107	0.598	0.0651	0.0000142	163	0.000114	0.0162	0.000768	0.00316	0.0515	0.0000498	29.3	83.8	0.253	0.00927	3	0.0511	0.0271	0.000291	0.00266	0.00136	1.6	0.00000475	0.0101	0.00168	0.00322	
2094 May	966	0.0354	0.0101	0.000519	8.6	0.339	664	0.000468	0.000468	0.00000627	0.0137	0.0103	0.568	0.0641	0.0000137	157	0.000109	0.0154	0.000768	0.00306	0.0554	0.0000477	27.9	79.9	0.247	0.0088	3.24	0.0486	0.0282	0.000337	0.00253	0.00129	1.53	0.0000046	0.00963	0.00168	0.00314	
2094 Jun	869	0.0398	0.0126	0.000592	10.8	0.302	589	0.000549	0.000549	0.00000623	0.013	0.00939	0.504	0.0634	0.0000128	144	0.0000994	0.0137	0.000787	0.00289	0.0671	0.0000436	25.1	71.5	0.237	0.00781	3.99	0.0433	0.0329	0.000461	0.00228	0.00117	1.39	0.00000434	0.00854	0.0017	0.00305	
2094 Jul	981	0.0405	0.013	0.000609	11	0.341	668	0.000561	0.000561	0.00000676	0.0143	0.0106	0.572	0.0696	0.0000142	162	0.000112	0.0155	0.000859	0.00321	0.0699	0.0000489	28.3	80.9	0.264	0.00885	4.1	0.0491	0.0337	0.000476	0.00258	0.00132	1.56	0.0000048	0.00969	0.00186	0.00335	
2094 Aug	1100	0.0385	0.0128	0.000556	10.6	0.382	752	0.000533	0.000533	0.00000712	0.0154	0.0117	0.644	0.075	0.0000155	179	0.000124	0.0175	0.000917	0.0035	0.069	0.0000541	31.8	90.8	0.289	0.00995	3.96	0.0551	0.0324	0.000463	0.00289	0.00147	1.75	0.00000521	0.0109	0.00199	0.00361	
2094 Sep	1150	0.0344	0.0115	0.000521	9.26	0.401	792	0.000466	0.000466	0.00000702	0.0156	0.0122	0.678	0.0754	0.0000159	186	0.000128	0.0184	0.000911	0.00357	0.0626	0.0000561	33.3	95.3	0.295	0.0105	3.5	0.0579	0.0288	0.000408	0.00302	0.00154	1.83	0.0000053	0.0115	0.00199	0.00363	
2094 Oct	1120	0.0326	0.00964	0.000464	7.93	0.392	776	0.000411	0.000411	0.00000665	0.015	0.0119	0.664	0.0713	0.0000153	180	0.000125	0.018	0.000849	0.00344	0.0542	0.0000545	32.5	93	0.281	0.0103	3	0.0567	0.0257	0.000331	0.00294	0.0015	1.78	0.0000051	0.0113	0.00186	0.00345	
2094 Nov	1070	0.0326	0.00823	0.000431	7.05	0.376	742	0.00038	0.00038	0.0000063	0.0144	0.0113	0.635	0.0668	0.0000146	172	0.000119	0.0172	0.000785	0.00327	0.0479	0.000052	31	88.9	0.264	0.00983	2.66	0.0542	0.0239	0.000269	0.0028	0.00143	1.7	0.00000486	0.0108	0.00172	0.00324	
2094 Dec	1060	0.0332	0.0081	0.000432	7.03	0.373	734	0.000383	0.000383	0.00000626	0.0143	0.0112	0.628	0.0661	0.0000145	170	0.000118	0.017	0.000775	0.00324	0.0474	0.0000515	30.7	87.9	0.261	0.00973	2.65	0.0536	0.0241	0.000263	0.00277	0.00142	1.68	0.00000482	0.0107	0.0017	0.00321	
2095 Jan	1060	0.0331	0.00808	0.00043	7	0.372	734	0.00038	0.00038	0.00000625	0.0143	0.0112	0.628	0.0661	0.0000145	170	0.000118	0.017	0.000775	0.00324	0.0473	0.0000515	30.7	87.9	0.261	0.00973	2.64	0.0536	0.024	0.000262	0.00277	0.00142	1.68	0.00000481	0.0107	0.0017	0.00321	
2095 Feb	1060	0.0331	0.0081	0.00043	7.02	0.372	734	0.000381	0.000381	0.00000625	0.0143	0.0112	0.628	0.0661	0.0000145	170	0.000117	0.017	0.000775	0.00324	0.0474	0.0000514	30.7	87.9	0.261	0.00972	2.65	0.0535	0.024	0.000262	0.00277	0.00142	1.68	0.00000481	0.0107	0.0017	0.00321	
2095 Mar	1060	0.0332	0.00812	0.000431	7.03	0.373	734	0.000381	0.000381	0.00000626	0.0143	0.0112	0.628	0.0662	0.0000145	170	0.000118	0.017	0.000776	0.00324	0.0475	0.0000515	30.7	87.9	0.261	0.00973	2.65	0.0536	0.024	0.000262	0.00277	0.00142	1.68	0.00000482	0.0107	0.0017	0.00321	
2095 Apr	1070	0.0334	0.00818	0.000434	7.09	0.375	739	0.000383	0.000383	0.0000063	0.0144	0.0112	0.632	0.0666	0.0000146	171	0.000118	0.0171	0.000781	0.00326	0.0478	0.0000518	30.9	88.4	0.263	0.00979	2.67	0.0539	0.0242	0.000264	0.00279	0.00143	1.69	0.00000484	0.0107	0.00171	0.00323	
2095 May	1040	0.036	0.00917	0.000473	8.02	0.364	715	0.000425	0.000425	0.00000636	0.0142	0.011	0.612	0.0667	0.0000144	167	0.000116	0.0166	0.000792	0.00322	0.0526	0.0000507	30	85.8	0.26	0.00948	3	0.0523	0.0265	0.000309	0.00271	0.00139	1.64	0.00000479	0.0104	0.00173	0.00322	
2095 Jun	994	0.0408	0.0111	0.000553	9.8	0.348	681	0.000507	0.000507	0.00000657	0.0142	0.0106	0.583	0.0678	0.0000142	162	0.000112	0.0158	0.000822	0.00319	0.0622	0.0000492	28.7	82.1	0.259	0.00983	3.63	0.0499	0.0311	0.000396	0.0026	0.00133	1.58	0.00000477	0.00988	0.00178	0.00326	
2095 Jul	1100	0.043	0.0118	0.000587	10.4	0.386	756	0.000537	0.000537	0.00000716	0.0156	0.0118	0.647	0.0744	0.0000156	180	0.000124	0.0176	0.000899	0.00351	0.0665	0.0000544	31.9	91.1	0.286	0.01	3.84	0.0554	0.033	0.000421	0.00289	0.00148	1.75	0.00000524	0.011	0.00195	0.00358	
2095 Aug	1180	0.0404	0.0114	0.000562	9.82	0.412	811	0.000509	0.000509	0.00000735	0.0163	0.0125	0.694	0.0774	0.0000164	191	0.000132	0.0188	0.00093	0.00369	0.0646	0.0000577	34.1	97.5	0.301	0.0107	3.66	0.0593	0.0314	0.000403	0.00309	0.00158	1.87	0.00000549	0.0118	0.00202	0.00373	
2095 Sep	1210	0.0363	0.0104	0.000513	8.82	0.425	838	0.00046	0.00046	0.00000726	0.0163	0.0128	0.717	0.0775	0.0000166	195	0.000135	0.0194	0.000923	0.00373	0.0597	0.00059	35.1	101	0.305	0.0111	3.31	0.0612	0.0285	0.000363	0.00318	0.00162	1.92	0.00000554	0.0122	0.00201	0.00374	
2095 Oct	1230	0.0323	0.00952	0.00046	7.86	0.43	853	0.000407	0.000407	0.00000709	0.0162	0.013	0.729	0.0769	0.0000166	197	0.000136	0.0197	0.000911	0.00373	0.0552	0.0000594	35.6	102	0.306	0.01113	2.98	0.0622	0.0256	0.000331	0.00322	0.00165	1.95	0.00000552	0.0124	0.00199	0.0037	
2095 Nov	1210	0.0308	0.00875	0.00043	7.24	0.424	840	0.000377	0.000377	0.00000687	0.0158	0.0127	0.718	0.0747	0.0000163	193	0.000133	0.0194	0.00088	0.00365	0.0514	0.0000583	35.1	100	0.298	0.0111	2.75	0.0612	0.0239	0.0003	0.00317	0.00162	1.91	0.00000539	0.0122	0.00193	0.0036	
2095 Dec	1190	0.0314	0.00859	0.000431	7.2	0.419	830	0.000379	0.000379	0.00000682	0.0157	0.0126	0.71	0.0738	0.0000161	191	0.000132	0.0192	0.000868	0.00361	0.0508	0.0000577	34.6	99.2	0.294	0.011	2.73	0.0605	0.024	0.000293	0.00313	0.0016	1.89	0.00000534	0.012	0.0019	0.00356	
2096 Jan	1190	0.0313	0.00856	0.000429	7.17	0.418	828	0.000377	0.000377	0.0000068	0.0156	0.0126	0.708	0.0737	0.0000161	191	0.000132	0.0192	0.000867	0.0036	0.0507	0.0000576	34.6	99.1	0.294	0.0109	2.72	0.0604	0.0239	0.000291	0.00312	0.0016	1.89	0.00000533	0.012	0.0019	0.00355	
2096 Feb	1190	0.0313	0.00858	0.000429	7.19	0.418	828	0.000377	0.000377	0.0000068	0.0156	0.0126	0.708	0.0737	0.0000161	191	0.000132	0.0192	0.000867	0.0036	0.0508	0.0000575	34.6	99.1	0.294	0.0109	2.72	0.0604	0.0239	0.000292	0.00312	0.0016	1.89	0.00000533	0.012	0.0019	0.00355	
2096 Mar	1190	0.0314	0.00861	0.00043	7.22	0.418	828	0.000378	0.000378	0.0000068	0.0156	0.0126	0.709	0.0738	0.0000161	191	0.000132	0.0192	0.000868	0.0036	0.0509	0.0000576	34.6	99.1	0.294	0.011	2.73	0.0604	0.024	0.000292	0.00313	0.0016	1.89	0.00000533	0.012	0.0019	0.00356	
2096 Apr	1200	0.0316	0.00867	0.000432	7.27	0.421	833	0.000381	0.000381	0.00000684	0.0157	0.0126	0.712	0.0742	0.0000162	192	0.000132	0.0193	0.000874	0.00362	0.0512	0.0000579	34.8	99.7	0.296	0.011	2.75	0.0608	0.0241	0.000294	0.00314	0.00161	1.9	0.00000536	0.0121	0.00191	0.00358	
2096 May	1180	0.0299	0.00858	0.000414	7.1	0.413	818	0.000365	0.000365	0.00000668	0.0154	0.0124	0.7	0.073	0.0000158	189	0.00013	0.019	0.000862	0.00355	0.0506	0.0000568	34.2	97.9	0.291	0.0108	2.69	0.0597	0.0232	0.000298	0.00309	0.00158	1.87	0.00000525	0.0119	0.00189	0.00351	
2096 Jun	808	0.0234	0.00866	0.00056	7.12	0.283	553	0.000528	0.000528	0.00000592	0.0124	0.00867	0.475	0.0541	0.0000121	131	0.0000943	0.0129	0.000643	0.0026	0.0502	0.0000412	23.4	66.6	0.207	0.00732	2.75	0.0486	0.0288	0.000286	0.00216	0.00108	1.28	0.00000411	0.00804	0.00147	0.00298	
2096 Jul	879	0.0234	0.00895	0.000597	7.26	0.308	603	0.000563	0.000563	0.00000639	0.0134	0.00941	0.518	0.058	0.0000131	142	0.000103	0.0141	0.000686	0.0028	0.0524	0.0000447	25.4	72.5	0.223	0.00797	2.83	0.0442	0.0304	0.00029	0.00235	0.00118	1.39	0.00000445	0.00875	0.00158	0.00323	
2096 Aug	976	0.0233	0.0091	0.000598	7.27	0.342	672	0.00056	0.00056	0.00000678	0.0145	0.0104	0.576	0.0631	0.0000143	157	0.000113	0.0156	0.000743	0.00307	0.0537	0.0000492	28.3	80.6	0.245	0.00887	2.85	0.0492	0.0305	0.000296	0.0026	0.00131	1.54	0.00000483	0.00976	0.00171	0.00347	
2096 Sep	1010	0.0241	0.00831	0.000554	6.77	0.357	701	0.000515	0.000515	0.00000673	0.0147	0.0108	0.601	0.0641	0.0000146	163	0.000116	0.0163	0.000749	0.00314	0.0505	0.0000506	29.4	84	0.251	0.00926	2.64	0.0513	0.0286	0.000266	0.0027	0.00136	1.6	0.0000049	0.0102	0.00171	0.00346	
2096 Oct	985	0.027	0.00698	0.000496	6.14	0.348	682	0.00046	0.00046	0.00000634	0.0141	0.0104	0.585	0.061	0.000014	157	0.000112	0.0158	0.000704	0.00303	0.0447	0.0000489	28.5	81.6	0.239	0.00904	2.37	0.0498	0.0262	0.000215	0.0026	0.00132	1.56	0.00000468	0.00991	0.00159	0.00323	
2096 Nov	985	0.0273	0.00679	0.000487	6.03	0.348	683	0.00045	0.00045	0.0000063	0.014	0.0104	0.586	0.0608	0.0000139	157	0.000112	0.0158	0.0007	0.00303	0.0438	0.0000488	28.6	81.7	0.239	0.00905	2.32	0.0499	0.0258	0.000208	0.0026	0.00132	1.56	0.00000467	0.00992	0.00158	0.00321	
2096 Dec	985	0.0272	0.00676	0.000484	6.01	0.348	683	0.000448	0.000448	0.00000629	0.014	0.0104	0.586	0.0608	0.0000139	157	0.000112	0.0158	0.000699	0.00303	0.0437	0.0000488	28.6	81.7	0.239	0.00905	2.31	0.0499	0.0257	0.000207	0.0026	0.00132	1.56	0.00000467	0.00992	0.00158	0.00321	
2097 Jan	986	0.0272	0.00675	0.000483	6	0.348	683	0.000447	0.000447	0.00000628	0.014	0.0104	0.586	0.0608	0.0000139	157	0.000112	0.0158	0.0007	0.00303	0.0436	0.0000488	28.6	81.7	0.239	0.00905	2.31	0.0499	0.0256	0.000206	0.0026	0.00132	1.56	0.00000466	0.00992	0.00158	0.0032	
2097 Feb	985	0.0272	0.00676	0.000483	6.01	0.348	683	0.000447	0.000447	0.00000628	0.014	0.0104	0.586	0.0608	0.0000139	157	0.000112	0.0158	0.0007	0.00303	0.0437	0.0000488	28.6	81.7	0.239	0.00905	2.31	0.0499	0.0256	0.000207	0.0026	0.00132	1.56	0.00000466	0.00992	0.00158	0.0032	
2097 Mar	986	0.0273	0.00678	0.000484	6.03

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
Active Closure (2037-2043): Min	967	0.347	0.468	0.0633	18.4	0.0465	510	0.0384	0.00223	0.00000958	0.00855	0.0377	0.169	0.0159	0.0000159	174	0.0000293	0.00231	0.000388	0.000867	0.0486	0.0000118	21.2	17.7	0.236	0.00752	37.9	0.00172	0.00557	0.0000965	0.000966	0.00207	0.478	0.00000933	0.000753	0.000602	0.00297	0.00179
Active Closure (2037-2043): Mean	2840	8.36	16.2	0.155	616	0.094	1240	0.0889	0.00419	0.0000201	0.0125	0.0994	0.444	0.0381	0.000042	426	0.0000652	0.00876	0.00105	0.00317	0.0653	0.0000159	60.2	85	0.752	0.0178	372	0.0226	0.0155	0.000203	0.00216	0.00545	1.26	0.0000284	0.00436	0.00163	0.00494	0.00424
Active Closure (2037-2043): Max	9350	56.4	108	0.189	4110	0.118	1530	0.112	0.0066	0.0000652	0.0297	0.223	0.896	0.192	0.000171	670	0.000309	0.0464	0.00363	0.0233	0.0869	0.0000198	183	429	3.16	0.0222	2400	0.246	0.0353	0.000644	0.00324	0.0119	3	0.000134	0.0348	0.00962	0.0119	0.00532
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	743	0.0588	0.0654	0.0236	3.97	0.0842	501	0.0138	0.000709	0.00000854	0.0106	0.0229	0.355	0.0231	0.0000136	140	0.0000417	0.00494	0.000737	0.00137	0.0327	0.0000152	23.9	34.2	0.277	0.00929	7.77	0.0032	0.00753	0.0000946	0.00183	0.0017	0.977	0.0000061	0.00162	0.000885	0.00327	0.000645
Post Closure (2044-2099): Mean	1100	0.248	1	0.047	56.4	0.368	694	0.0221	0.00109	0.0000108	0.0173	0.0315	0.692	0.0444	0.0000178	188	0.000117	0.0158	0.00102	0.00846	0.0413	0.0000503	32.9	56.6	0.367	0.0129	44.9	0.0528	0.0123	0.000148	0.00307	0.00234	1.54	0.00000804	0.00552	0.00214	0.00418	0.00104
Post Closure (2044-2099): Max	1840	0.988	5.26	0.155	297	0.485	1250	0.0927	0.00408	0.0000166	0.0216	0.0913	0.891	0.0559	0.000032	415	0.000152	0.0207	0.00127	0.0112	0.0645	0.0000655	50.9	72.2	0.561	0.0184	201	0.0711	0.0224	0.000322	0.00391	0.00502	1.95	0.0000201	0.00726	0.00275	0.00506	0.00438
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	9120	57.4	109	0.213	3870	0.111	1470	0.0722	0.00678	0.000067	0.0301	0.244	0.918	0.201	0.000176	676	0.000328	0.0486	0.00384	0.0243	0.066	0.0000144	184	437	3.28	0.0156	2360	0.252	0.0279	0.000648	0.00333	0.0123	3.14	0.00014	0.0353	0.0102	0.0123	0.00353
2026 Feb	9100	57.3	109	0.213	3860	0.111	1460	0.072	0.00677	0.0000669	0.0301	0.244	0.916	0.2	0.000176	675	0.000328	0.0485	0.00383	0.0243	0.0663	0.0000144	184	436	3.28	0.0155	2350	0.252	0.028	0.000649	0.00333	0.0122	3.13	0.000139	0.0353	0.0102	0.0123	0.00352
2026 Mar	9090	57.2	109	0.212	3850	0.111	1460	0.0719	0.00676	0.0000669	0.0301	0.244	0.915	0.2	0.000175	674	0.000327	0.0484	0.00383	0.0243	0.0665	0.0000144	183	436	3.27	0.0155	2350	0.252	0.0281	0.000649	0.00332	0.0122	3.13	0.000139	0.0352	0.0102	0.0123	0.00352
2026 Apr	9100	57.3	109	0.212	3850	0.111	1460	0.072	0.00676	0.0000669	0.0301	0.315	0.915	0.2	0.000175	675	0.000327	0.0484	0.00384	0.0243	0.0667	0.0000145	183	436	3.28	0.0155	2350	0.252	0.0282	0.000651	0.00333	0.0122	3.13	0.000139	0.0352	0.0102	0.0123	0.00352
2026 May	9110	57.3	109	0.213	3860	0.111	1460	0.0721	0.00678	0.000067	0.0301	0.327	0.916	0.201	0.000176	676	0.000328	0.0485	0.00384	0.0243	0.0674	0.0000145	184	437	3.28	0.0155	2360	0.252	0.0285	0.000656	0.00333	0.0122	3.14	0.000139	0.0353	0.0102	0.0123	0.00352
2026 Jun	898	5.33	9.76	0.0294	367	0.0345	147	0.00737	0.00156	0.0000115	0.00962	0.0405	0.104	0.0328	0.000025	74.8	0.0000559	0.00517	0.000546	0.00307	0.0444	0.0000105	18.1	42.1	0.345	0.002	226	0.0252	0.0441	0.00018	0.000583	0.00123	0.407	0.0000159	0.00339	0.0017	0.00322	0.000441
2026 Jul	2130	15.8	28.4	0.0971	740	0.0633	419	0.0196	0.00274	0.0000237	0.0141	0.11	0.271	0.0732	0.0000573	190	0.000128	0.0155	0.00138	0.00805	0.0494	0.000012	48.7	122	1.02	0.00472	569	0.0725	0.0407	0.000301	0.00117	0.00363	1.05	0.0000448	0.00966	0.00387	0.00536	0.000565
2026 Aug	5460	41.2	75	0.23	1910	0.12	1070	0.0501	0.0054	0.0000521	0.0239	0.231	0.679	0.165	0.000136	472	0.000283	0.0389	0.00326	0.0194	0.0589	0.0000141	125	316	2.56	0.0116	1470	0.186	0.0297	0.000579	0.00258	0.00928	2.53	0.000111	0.0251	0.00872	0.0101	0.00131
2026 Sep	8940	68.8	130	0.273	3150	0.13	1730	0.0859	0.008	0.0000795	0.0345	0.319	1.09	0.24	0.000209	748	0.0004	0.0591	0.00465	0.0293	0.0703	0.0000157	207	524	3.98	0.0182	2430	0.303	0.0208	0.00079	0.00398	0.0148	3.77	0.000169	0.0422	0.0123	0.0146	0.00182
2026 Oct	7150	54.9	104	0.213	2520	0.112	1380	0.0688	0.00655	0.0000646	0.0293	0.246	0.879	0.194	0.000169	599	0.00032	0.0469	0.00373	0.0235	0.0649	0.0000144	166	418	3.16	0.0149	1940	0.242	0.0289	0.000628	0.0032	0.0118	3.03	0.000135	0.0337	0.0099	0.0119	0.00151
2026 Nov	7960	61.5	117	0.211	2810	0.108	1530	0.0777	0.00715	0.0000708	0.0317	0.257	0.976	0.209	0.000185	661	0.000341	0.0511	0.00399	0.0256	0.0678	0.0000147	185	468	3.47	0.0164	2170	0.269	0.0269	0.00067	0.00352	0.013	3.28	0.000147	0.0378	0.0106	0.0129	0.0016
2026 Dec	7980	61.6	118	0.21	2820	0.107	1530	0.0779	0.00716	0.0000709	0.0318	0.256	0.978	0.209	0.000186	662	0.000341	0.0512	0.00399	0.0256	0.0679	0.0000147	186	469	3.47	0.0164	2180	0.27	0.027	0.00067	0.00353	0.013	3.29	0.000147	0.0379	0.0106	0.0129	0.0016
2027 Jan	7960	61.5	117	0.209	2810	0.107	1530	0.0777	0.00714	0.0000707	0.0317	0.256	0.976	0.209	0.000185	661	0.00034	0.051	0.00398	0.0255	0.0679	0.0000147	185	468	3.47	0.0164	2170	0.269	0.027	0.000669	0.00352	0.013	3.28	0.000147	0.0379	0.0106	0.0129	0.0016
2027 Feb	7960	61.5	117	0.209	2810	0.107	1520	0.0777	0.00714	0.0000707	0.0317	0.255	0.975	0.209	0.000185	660	0.00034	0.051	0.00398	0.0255	0.068	0.0000147	185	467	3.46	0.0164	2170	0.269	0.0271	0.000669	0.00352	0.013	3.28	0.000147	0.0378	0.0105	0.0129	0.0016
2027 Mar	7960	61.4	117	0.209	2810	0.107	1520	0.0777	0.00714	0.0000707	0.0317	0.255	0.975	0.209	0.000185	660	0.00034	0.051	0.00398	0.0255	0.0681	0.0000147	185	467	3.46	0.0164	2170	0.269	0.0271	0.000669	0.00352	0.013	3.28	0.000147	0.0378	0.0105	0.0129	0.0016
2027 Apr	7980	61.6	118	0.21	2820	0.108	1530	0.0779	0.00716	0.0000709	0.0318	0.256	0.978	0.209	0.000186	662	0.000341	0.0512	0.00399	0.0256	0.0684	0.0000147	186	469	3.47	0.0164	2180	0.27	0.0272	0.000672	0.00353	0.013	3.29	0.000147	0.0379	0.0106	0.0129	0.00161
2027 May	7920	61.1	117	0.208	2800	0.107	1520	0.0773	0.00712	0.0000704	0.0317	0.298	0.97	0.209	0.000184	658	0.000339	0.0508	0.00397	0.0254	0.0699	0.0000148	184	465	3.45	0.0163	2160	0.268	0.0281	0.000684	0.00351	0.0129	3.27	0.000146	0.0376	0.0105	0.0129	0.0016
2027 Jun	1470	10.7	20.3	0.041	529	0.0388	273	0.0142	0.00208	0.000017	0.0117	0.0797	0.186	0.0485	0.0000397	126	0.0000802	0.00927	0.000845	0.0051	0.0475	0.0000109	33.4	82.7	0.63	0.00334	393	0.0482	0.0429	0.00023	0.000859	0.00232	0.663	0.0000277	0.00671	0.00247	0.00412	0.000436
2027 Jul	3360	20.5	38.4	0.0878	1440	0.0568	533	0.0262	0.00315	0.0000278	0.016	0.124	0.337	0.0817	0.0000676	254	0.00014	0.0181	0.00151	0.00934	0.052	0.0000123	66.8	157	1.21	0.00568	860	0.0915	0.0402	0.000322	0.00139	0.00447	1.19	0.0000526	0.0126	0.00421	0.00604	0.00142
2027 Aug	6880	41.8	76.3	0.227	2940	0.116	1110	0.051	0.00548	0.0000526	0.0247	0.254	0.685	0.166	0.000136	522	0.000286	0.0391	0.00326	0.0195	0.0609	0.0000145	136	320	2.59	0.0116	1760	0.188	0.0312	0.000587	0.00261	0.00938	2.53	0.000111	0.0255	0.00875	0.0103	0.00313
2027 Sep	9810	59.9	111	0.296	4200	0.143	1580	0.0734	0.00726	0.0000719	0.0315	0.314	0.971	0.225	0.00019	734	0.000383	0.0545	0.00444	0.027	0.0661	0.0000154	194	458	3.62	0.0164	2510	0.267	0.023	0.000757	0.00359	0.0132	3.51	0.000155	0.0366	0.0118	0.0135	0.00433
2027 Oct	12100	75	142	0.281	5230	0.131	1920	0.0939	0.00856	0.0000857	0.0369	0.326	1.19	0.256	0.000226	888	0.000426	0.0636	0.00497	0.0315	0.0722	0.0000159	241	571	4.29	0.0198	3130	0.329	0.0187	0.000835	0.00431	0.016	4.06	0.000182	0.046	0.0132	0.0157	0.00484
2027 Nov	11700	72.6	139	0.249	5060	0.118	1840	0.0916	0.00826	0.0000824	0.0359	0.299	1.15	0.243	0.000216	853	0.0004	0.0603	0.00467	0.03	0.0719	0.0000155	234	552	4.1	0.019	3020	0.318	0.0211	0.000783	0.00413	0.0154	3.84	0.000173	0.0446	0.0124	0.015	0.00453
2027 Dec	11800	72.9	139	0.247	5070	0.117	1850	0.092	0.00827	0.0000826	0.036	0.298	1.15	0.243	0.000217	854	0.0004	0.0604	0.00466	0.03	0.072	0.0000155	234	554	4.1	0.0191	3030	0.319	0.0212	0.000783	0.00414	0.0154	3.85	0.000174	0.0448	0.0124	0.015	0.00453
2028 Jan	11800	72.9	139	0.246	5080	0.117	1850	0.092	0.00828	0.0000826	0.036	0.298	1.15	0.243	0.000217	855	0.0004	0.0604	0.00466	0.03	0.0721	0.0000155	234	554	4.1	0.0191	3040	0.319	0.0212	0.000783	0.00414	0.0154	3.85	0.000174	0.0448	0.0124	0.015	0.00453
2028 Feb	11800	72.9	139	0.246	5070	0.117	1850	0.092	0.00827	0.0000825	0.036	0.298	1.15	0.243	0.000217	854	0.000399	0.0603	0.00466	0.03	0.0721	0.0000155	234	554	4.1	0.0191	3030	0.318	0.0212	0.000783	0.00414	0.0154	3.85	0.000174	0.0448	0.0124	0.015	0.00453
2028 Mar	11800	72.8	139	0.246	5070	0.117	1850	0.0919	0.00827	0.0000825	0.036	0.297	1.15	0.243	0.000217	854	0.000399	0.0603	0.00466	0.03	0.0722	0.0000155	234	553	4.1	0.0191	3030	0.318	0.0213	0.000783	0.00413	0.0154	3.84	0.000173	0.0448	0.0124	0.015	0.00453
2028 Apr	11800	72.9	139	0.246	5080	0.117	1850	0.092	0.00828	0.0000826	0.036	0.298	1.15	0.243	0.000217	855	0.0004	0.0604	0.00466	0.03	0.0723	0.0000155	234	554	4.1	0.0191	3040	0.319	0.0213	0.000784	0.00414	0.0154	3.85	0.000174	0.0448	0.0124	0.015	0.00453
2028 May	11800	73.4	140	0.248	5110	0.118	1860	0.0926	0.00833	0.0000831	0.0363	0.318	1.16	0.245	0.000218	860	0.000402	0.0608	0.00469	0.0302	0.0728	0.0000156	236	557	4.13	0.0192	3050	0.321	0.0215	0.000789	0.00416	0.0155	3.87	0.000175	0.0451	0.0124	0.0151	0.00456
2028 Jun	2430	14.7	27.9	0.0566	1040	0.0446	382	0.0192	0.00248	0.0000214	0.0133	0.0936	0.249	0.061	0.0000517	183	0.000102	0.0127	0.0011	0.00674	0.0472	0.0000112	48.3	113	0.858	0.0044	622	0.0658	0.0409	0.000252	0.00108	0.00318	0.877	0.0000375	0.00916	0.00315	0.00487	0.00106
2028 Jul	5320	32.5	62.5	0.103	2310	0.0598	823	0.0419	0.00427	0.0000397	0.0204	0.155	0.518	0.113	0.0000993	386	0.000188	0.0267	0.0021	0.0136	0.0567	0.0000128	105	248	1.82	0.00856	1370	0.142	0.036	0.000409	0.00199	0.00686	1.72	0.0000777	0.0201	0.00573	0.00795	0.00205
2028 Aug	8370	51.1	97	0.189	3630	0.0955	1310	0.0645	0.00624	0.0000604	0.0282	0.272	0.813	0.178	0.000155	610	0.000298	0.0432	0.0034	0.0216	0.0665	0.000015	165	389	2.92	0.0135	2150	0.225	0.0313	0.000611	0.00303	0.0109	2.77	0.000124	0.0314	0.00913	0.0115	0.00337
2028 Sep	8890	53.7	98.9	0.27	3830	0.134	1420	0.0658	0.00667	0.0000653	0.0293	0.315	0.871	0.204	0.000171	664	0.000349	0.0491	0.00402	0.0244	0.0657	0.0000154	174	410	3.26	0.0147	2270	0.24	0.0274	0.000698	0.00325	0.0119	3.16	0.00014	0.0327	0.0107	0.0124	0.00402
2028 Oct	8380	50.5	93.4	0.244	3620	0.128	1330	0.0621	0.00623	0.0000619	0.0278	0.25	0.83	0.193	0.000165	623	0.000322	0.0457	0.00378	0.0229	0.0619	0.0000143	164	386	3.04	0.0145	2140	0.226	0.0293	0.000639	0.00309	0.0111	3	0.00013	0.031	0.0101	0.0116	0.00388
2028 Nov	10200	62.4	119	0.221	4430	0.112	1590	0.0786	0.00725	0.0000721	0.0321	0.261	0.994	0.214	0.00019	740	0.00035	0.0522	0.0041	0.0261	0.0677	0.0000148	202	475	3.54	0.0168	2620	0.274	0.0263	0.000689	0.00361	0.0133	3.37	0.00015	0.0384	0.0109	0.0132	0.00415
2028 Dec	10300	63.2	120	0.221	4490	0.112	1610	0.0797	0.00732	0.0000729	0.0324	0.262	1.01	0.216	0.000192	749	0.000353	0.0528	0.00413	0.0264	0.068	0.0000148	204	481	3.58	0.017	2660	0.277	0.026	0.000695	0.00365	0.0134	3.4	0.000152	0.0389	0.011	0.0133	0.00419
2029 Jan	10300	63.2	120	0.221	4490	0.112	1610	0.0797	0.00732	0.0000729	0.0324	0.262	1.01	0.216	0.000192	749	0.000353	0.0527	0.00413	0.0264	0.0681	0.0000148	204	481	3.58	0.017	2660	0.277	0.0261	0.000695	0.00365	0.0134	3.4	0.000152	0.0389	0.011	0.0133	0.00418
2029 Feb	10300	63.1	120	0.22	4490	0.112	1610	0.0796	0.00732	0.0000729	0.0324	0.262	1.01	0.216	0.000192	748	0.000353	0.0527	0.00413	0.0263	0.0681	0.0000148	204	480	3.58	0.017	2660	0.277	0.0261	0.000695	0.00365	0.0134	3.4	0.000152	0.0389	0.011	0.0133	0.00418
2029 Mar	10300	63.1	120	0.22	4480	0.112	1610	0.0796	0.00732	0.0000728	0.0324	0.262	1.01	0.216	0.000192	748	0.000352	0.0527	0.00413	0.0263	0.0681	0.0000148	204	480	3.57	0.017	2660	0.277	0.0261	0.000695	0.00365	0.0134	3.4	0.000152	0.0389	0.011	0.0133	0.00418
2029 Apr	10300	63.1	120	0.22	4490	0.112	1610	0.0796	0.00732	0.0000729	0.0324	0.262	1.01	0.216	0.000192	748	0.000353	0.0527	0.00413	0.0263	0.0682	0.0000148	204	480	3.57	0.017	2660	0.277	0.0261	0.000695	0.00365	0.0134	3.4	0.000152	0.0389	0.011	0.0133	0.00418
2029 May	10300	63.3	121	0.221	4490	0.112	1610	0.0798	0.00733	0.0000733	0.0324	0.266	1.01	0.216	0.000192	750	0.000353	0.0528	0.00414	0.0264	0.0685	0.0000149	204	481	3.58	0.017	2660	0.277	0.0263	0.000698	0.00366	0.0134	3.41	0.000152	0.039	0.011	0.0134	0.00419
2029 Jun	5960	36.2	69	0.128	2590	0.0751	929	0.0461	0.00465	0.0000445	0.022	0.239	0.588	0.131	0.000115	436	0.000213	0.0304	0.00247	0.0155	0.0604	0.000013	118	277	2.07	0.0101	1530	0.16	0.0364	0.000484	0.00224	0.00771	2.01	0.000088	0.0224	0.00669	0.00868	0.00248
2029 Jul	800	4.26	7.09	0.0408	343	0.0531	127	0.00569	0.00153	0.0000106	0.00743	0.0456	0.0825	0.0336	0.0000208	70	0.0000454	0.00496	0.000535	0.00315	0.0485	0.0000108	15.1	34.3	0.318	0.00154	194	0.0211	0.0443	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000515
2029 Aug	5760	32.8	58.6	0.209	2540	0.118	897	0.0394	0.00459	0.0000433	0.0198	0.21	0.546	0.141	0.000111	433	0.000237	0.0323	0.00277	0.0163	0.0582	0.0000137	109	252	2.11	0.00939	1450	0.15	0.0328	0.00051	0.00207	0.00755	2.11	0.0000917	0.0199	0.0073	0.00836	0.00312
2029 Sep	11100	64.3	120	0.282	4940	0.137	1680	0.0796	0.00762	0.0000755	0.0326	0.32	1.03	0.232	0.000198	796	0.000388	0.0566	0.00452	0.0281	0.0692	0.0000156	211	491	3.79	0.0172	2810	0.285	0.0218	0.000773	0.00375	0.014	3.62	0.000162	0.0393	0.012	0.0139	0.00514
2029 Oct	10500	61	115	0.24	4680	0.12	1580	0.0762	0.00718	0.0000709	0.0315	0.279	0.97	0.214	0.000185	746	0.000354	0.0522	0.00413	0.0261	0.0677	0.0000149	200	464	3.52	0.0162	2660	0.268	0.0253	0.000696	0.00351	0.0131	3.34	0.00015	0.0374	0.0109	0.013	0.00468
2029 Nov	9290	54	101	0.223	4150	0.117	1410	0.0673	0.00649	0.0000664	0.0289	0.242	0.868	0.195	0.000168	666	0.000322	0.0469	0.00376	0.0235	0.0642	0.0000143	178	412	3.15	0.0148	2360	0.239	0.0283	0.000632	0.00316	0.0117	3.03	0.000134	0.0351	0.00996	0.0118	0.00429
2029 Dec	10300	60.3	114	0.225	4620	0.115	1550	0.0757	0.00706	0.0000707	0.0312	0.256	0.96	0.209	0.000183	734	0.000344	0.051	0.00402	0.0255	0.0668	0.0000146	198	459	3.45	0.0162	2630	0.265	0.0262	0.000675	0.00348	0.0129	3.28	0.000147	0.037	0.0107	0.0128	0.00459
2030 Jan	10400	60.5	115	0.225	4650	0.114	1560	0.076	0.00709	0.0000702	0.0313	0.257	0.965	0.21	0.000184	737	0.000345	0.0512	0.00403	0.0256	0.067	0.0000146	199	461	3.46	0.0162	2640	0.266	0.0261	0.000678	0.00349	0.0129	3.29	0.000147	0.0372	0.0107	0.0128	0.0046
2030 Feb	10400	60.5	115	0.224	4640	0.114	1560	0.076	0.00708	0.0000

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.0000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2032 Jun	1920	10.5	19.8	0.0419	870	0.0394	280	0.0139	0.00205	0.0000017	0.0116	0.0607	0.186	0.0486	0.0000405	140	0.0000802	0.0092	0.000856	0.00506	0.0468	0.0000108	35.9	81.2	0.624	0.00345	480	0.0476	0.0426	0.000233	0.000875	0.00229	0.673	0.0000275	0.00661	0.00253	0.00415	0.00102
2032 Jul	5350	32.4	59.9	0.161	2300	0.0858	854	0.0402	0.00438	0.0000411	0.0204	0.165	0.529	0.126	0.000104	403	0.000217	0.0296	0.00244	0.0149	0.0546	0.0000129	105	248	1.97	0.00885	1370	0.145	0.0324	0.000458	0.00204	0.00719	1.91	0.0000848	0.0198	0.00661	0.00826	0.00236
2032 Aug	10400	63.6	119	0.281	4490	0.135	1660	0.0787	0.00755	0.0000075	0.0326	0.303	1.02	0.23	0.000198	770	0.000387	0.0562	0.00451	0.0279	0.0671	0.0000154	206	485	3.76	0.0172	2670	0.282	0.0215	0.000767	0.00376	0.0139	3.61	0.00016	0.0389	0.012	0.014	0.00447
2032 Sep	12900	79.5	151	0.286	5590	0.132	2030	0.0999	0.009	0.0000902	0.0386	0.352	1.26	0.268	0.0000238	939	0.000444	0.0668	0.00518	0.0331	0.0745	0.0000163	256	605	4.52	0.0209	3330	0.349	0.0175	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00512
2032 Oct	10700	65.9	126	0.219	4620	0.109	1670	0.0833	0.00757	0.0000749	0.0334	0.283	1.04	0.22	0.000195	774	0.00036	0.0544	0.00419	0.0271	0.0702	0.0000015	212	500	3.7	0.0172	2750	0.288	0.0253	0.000703	0.00372	0.0139	3.46	0.000157	0.0405	0.0111	0.0136	0.00411
2032 Nov	9970	61.5	118	0.203	4320	0.105	1560	0.0778	0.00713	0.0000703	0.0318	0.259	0.971	0.207	0.000183	723	0.000337	0.0507	0.00393	0.0254	0.0685	0.0000147	198	467	3.45	0.0162	2570	0.269	0.0276	0.000658	0.00348	0.013	3.24	0.000146	0.0378	0.0104	0.0128	0.00385
2032 Dec	9310	57.3	109	0.194	4030	0.103	1460	0.0725	0.00672	0.0000662	0.0302	0.242	0.91	0.196	0.000173	677	0.000318	0.0475	0.00371	0.0239	0.0666	0.0000144	185	436	3.23	0.0153	2400	0.251	0.0294	0.000621	0.00328	0.0121	3.06	0.000137	0.0353	0.00982	0.0121	0.00366
2033 Jan	9500	58.5	112	0.195	4110	0.103	1490	0.0741	0.00683	0.0000674	0.0306	0.244	0.927	0.199	0.000176	690	0.000322	0.0484	0.00377	0.0243	0.0672	0.0000144	189	445	3.29	0.0156	2450	0.256	0.029	0.000632	0.00334	0.0124	3.11	0.000139	0.036	0.00997	0.0123	0.00372
2033 Feb	9490	58.5	112	0.195	4110	0.103	1480	0.074	0.00683	0.0000673	0.0306	0.244	0.927	0.198	0.000176	689	0.000322	0.0483	0.00376	0.0242	0.0674	0.0000144	188	444	3.28	0.0156	2450	0.256	0.0291	0.000633	0.00334	0.0123	3.11	0.000139	0.036	0.00997	0.0123	0.00372
2033 Mar	9490	58.4	112	0.195	4110	0.103	1480	0.074	0.00683	0.0000673	0.0306	0.244	0.927	0.198	0.000176	689	0.000322	0.0483	0.00376	0.0242	0.0676	0.0000144	188	444	3.28	0.0156	2440	0.255	0.0292	0.000633	0.00334	0.0123	3.11	0.000139	0.036	0.00997	0.0123	0.00371
2033 Apr	9510	58.6	112	0.195	4120	0.103	1490	0.0742	0.00684	0.0000675	0.0307	0.245	0.929	0.199	0.000176	691	0.000323	0.0484	0.00378	0.0243	0.0679	0.0000145	189	445	3.29	0.0156	2450	0.256	0.0293	0.000636	0.00335	0.0124	3.12	0.00014	0.0361	0.01	0.0123	0.00373
2033 May	6500	39.7	75.9	0.135	2810	0.0791	1020	0.0506	0.00497	0.0000479	0.023	0.211	0.639	0.15	0.000124	480	0.000227	0.0331	0.00281	0.017	0.0819	0.0000131	129	304	2.27	0.011	1670	0.175	0.0389	0.000732	0.00239	0.00844	2.21	0.0000956	0.0246	0.00735	0.00905	0.00263
2033 Jun	2280	13.8	26	0.0547	970	0.0433	358	0.018	0.00241	0.0000203	0.0129	0.0752	0.232	0.0635	0.0000478	176	0.000098	0.012	0.00113	0.0065	0.0612	0.0000112	45.4	107	0.826	0.00401	580	0.0618	0.0436	0.000401	0.00102	0.00301	0.841	0.0000354	0.00855	0.00311	0.00464	0.000959
2033 Jul	9490	58.9	112	0.223	4070	0.108	1510	0.074	0.00699	0.0000686	0.0308	0.271	0.936	0.204	0.000178	699	0.000342	0.0501	0.00394	0.0249	0.068	0.0000151	189	449	3.38	0.0155	2450	0.259	0.0257	0.000695	0.00344	0.0126	3.2	0.000144	0.0361	0.0105	0.0129	0.00373
2033 Aug	12200	75.6	143	0.287	5220	0.133	1930	0.0947	0.0087	0.0000866	0.0375	0.354	1.2	0.259	0.000227	894	0.000433	0.0643	0.00502	0.0319	0.0751	0.0000165	243	575	4.34	0.0198	3140	0.332	0.0202	0.000856	0.00434	0.0162	4.09	0.000184	0.0464	0.0133	0.0159	0.00478
2033 Sep	10300	62.7	115	0.334	4370	0.161	1660	0.0762	0.00761	0.0000076	0.0326	0.335	1.02	0.241	0.000202	775	0.000412	0.0583	0.00481	0.0288	0.0665	0.0000157	203	480	3.86	0.0175	2630	0.282	0.021	0.000811	0.00379	0.014	3.77	0.000165	0.0383	0.0128	0.0142	0.00464
2033 Oct	5730	35	65	0.164	2450	0.101	921	0.0435	0.00459	0.0000443	0.0218	0.161	0.579	0.138	0.000116	432	0.000224	0.0314	0.00264	0.016	0.0567	0.0000128	114	268	2.1	0.0103	1470	0.157	0.0379	0.000441	0.00215	0.00769	2.1	0.0000902	0.0216	0.00701	0.00833	0.00257
2033 Nov	8130	50.4	95.8	0.181	3490	0.101	1290	0.0636	0.00604	0.0000594	0.0275	0.205	0.808	0.177	0.000156	597	0.000287	0.0423	0.00336	0.0213	0.063	0.0000138	162	384	2.87	0.0139	2100	0.221	0.032	0.000563	0.00294	0.0107	2.76	0.000122	0.031	0.00893	0.0109	0.00325
2033 Dec	8380	52	99	0.183	3600	0.101	1330	0.0657	0.00619	0.0000061	0.0281	0.21	0.832	0.181	0.00016	615	0.000293	0.0435	0.00344	0.0219	0.0637	0.0000139	167	396	2.95	0.0142	2160	0.228	0.0314	0.000576	0.00302	0.011	2.83	0.000125	0.032	0.00913	0.0112	0.00333
2034 Jan	8390	52	99.1	0.183	3600	0.101	1330	0.0657	0.00619	0.0000061	0.0281	0.21	0.833	0.181	0.00016	615	0.000293	0.0435	0.00344	0.0219	0.0637	0.0000139	167	396	2.95	0.0142	2160	0.228	0.0314	0.000576	0.00302	0.011	2.83	0.000125	0.0321	0.00914	0.0112	0.00333
2034 Feb	8390	52	99	0.183	3600	0.101	1330	0.0657	0.00619	0.0000061	0.0281	0.21	0.832	0.181	0.00016	615	0.000293	0.0435	0.00344	0.0219	0.0637	0.0000139	167	396	2.95	0.0142	2160	0.228	0.0314	0.000576	0.00302	0.011	2.83	0.000125	0.0321	0.00914	0.0112	0.00333
2034 Mar	8390	52	99	0.183	3600	0.101	1330	0.0657	0.00619	0.0000061	0.0281	0.21	0.832	0.181	0.00016	615	0.000293	0.0435	0.00344	0.0219	0.0638	0.0000139	167	396	2.95	0.0142	2160	0.228	0.0314	0.000576	0.00302	0.011	2.83	0.000125	0.0321	0.00914	0.0112	0.00333
2034 Apr	8400	52.1	99.2	0.183	3600	0.101	1330	0.0658	0.0062	0.0000611	0.0281	0.21	0.834	0.181	0.00016	616	0.000294	0.0435	0.00344	0.0219	0.0639	0.0000139	168	396	2.95	0.0143	2170	0.228	0.0314	0.000577	0.00303	0.0111	2.83	0.000125	0.0321	0.00915	0.0112	0.00333
2034 May	7670	47.5	90.4	0.167	3290	0.0947	1210	0.06	0.00575	0.0000563	0.0263	0.237	0.762	0.17	0.000147	565	0.00027	0.0398	0.00321	0.0201	0.0686	0.0000136	153	362	2.7	0.0131	1980	0.209	0.0341	0.000613	0.00279	0.0101	2.61	0.000115	0.0293	0.0085	0.0104	0.00306
2034 Jun	1340	7.87	14.5	0.0409	565	0.0389	212	0.0104	0.00182	0.0000141	0.0106	0.051	0.141	0.0446	0.0000312	109	0.0000702	0.00743	0.000772	0.00422	0.0543	0.0000107	26.5	61.6	0.505	0.00252	336	0.0363	0.0446	0.000301	0.000696	0.00179	0.548	0.0000222	0.0049	0.00219	0.0036	0.000648
2034 Jul	6050	35.4	64.9	0.189	2650	0.1	946	0.0435	0.00475	0.0000453	0.0217	0.193	0.585	0.142	0.000117	450	0.000242	0.033	0.00277	0.0166	0.0564	0.0000134	117	272	2.18	0.01	1530	0.16	0.0322	0.000509	0.00226	0.00793	2.16	0.0000942	0.0217	0.00748	0.00901	0.00298
2034 Aug	12100	72.5	138	0.261	5370	0.123	1860	0.0911	0.00834	0.0000829	0.0362	0.333	1.15	0.246	0.000217	869	0.000408	0.0609	0.00474	0.0302	0.0736	0.0000162	236	551	4.12	0.019	3100	0.318	0.0219	0.00081	0.00417	0.0154	3.88	0.000175	0.0445	0.0126	0.0152	0.00511
2034 Sep	9730	57	104	0.313	4270	0.156	1530	0.069	0.00703	0.0000702	0.0305	0.312	0.939	0.224	0.000187	722	0.000382	0.0535	0.00447	0.0265	0.0642	0.0000153	187	437	3.53	0.0163	2470	0.257	0.0243	0.000755	0.00351	0.0128	3.49	0.000152	0.0348	0.0119	0.0132	0.00489
2034 Oct	10700	63.3	119	0.264	4720	0.132	1650	0.0787	0.00743	0.0000747	0.0325	0.278	1.02	0.227	0.000199	773	0.000376	0.0551	0.00443	0.0274	0.0663	0.000015	207	483	3.7	0.0176	2730	0.28	0.0239	0.000744	0.00377	0.0137	3.59	0.000157	0.0389	0.0118	0.0138	0.00488
2034 Nov	12500	74.6	143	0.249	5530	0.119	1900	0.0941	0.00842	0.0000847	0.0366	0.296	1.18	0.249	0.000224	887	0.000407	0.0616	0.00478	0.0307	0.0719	0.0000155	243	567	4.19	0.0199	3200	0.326	0.0208	0.000801	0.00428	0.0157	3.96	0.000177	0.0459	0.0127	0.0154	0.00522
2034 Dec	12600	75.2	144	0.248	5570	0.119	1920	0.095	0.00848	0.0000853	0.0369	0.298	1.19	0.25	0.000226	894	0.000409	0.062	0.0048	0.0309	0.0722	0.0000156	245	571	4.22	0.02	3220	0.329	0.0206	0.000805	0.00431	0.0159	3.98	0.000178	0.0463	0.0128	0.0155	0.00524
2035 Jan	12600	75.2	144	0.248	5570	0.119	1910	0.095	0.00848	0.0000852	0.0369	0.297	1.19	0.25	0.000226	894	0.000409	0.062	0.0048	0.0309	0.0722	0.0000156	245	571	4.22	0.02	3220	0.328	0.0207	0.000805	0.00431	0.0159	3.98	0.000178	0.0463	0.0128	0.0155	0.00524
2035 Feb	12600	75.1	144	0.248	5570	0.118	1910	0.0949	0.00847	0.0000852	0.0368	0.297	1.19	0.25	0.000226	893	0.000409	0.062	0.0048	0.0308	0.0722	0.0000156	245	571	4.21	0.02	3220	0.328	0.0207	0.000805	0.0043	0.0158	3.98	0.000178	0.0463	0.0128	0.0155	0.00524
2035 Mar	12600	75.1	144	0.248	5570	0.118	1910	0.0949	0.00847	0.0000852	0.0368	0.297	1.19	0.25	0.000226	893	0.000409	0.0619	0.0048	0.0308	0.0723	0.0000156	244	571	4.21	0.02	3220	0.328	0.0207	0.000805	0.0043	0.0158	3.98	0.000178	0.0463	0.0128	0.0155	0.00524
2035 Apr	12600	75.2	144	0.248	5580	0.119	1920	0.0951	0.00848	0.0000853	0.0369	0.298	1.19	0.25	0.000226	894	0.000409	0.062	0.0048	0.0309	0.0724	0.0000156	245	572	4.22	0.02	3230	0.329	0.0208	0.000806	0.00431	0.0159	3.98	0.000178	0.0464	0.0128	0.0155	0.00525
2035 May	12200	72.8	139	0.241	5400	0.116	1860	0.092	0.00825	0.0000828	0.036	0.323	1.15	0.244	0.000219	867	0.000397	0.0601	0.00468	0.03	0.0745	0.0000155	237	553	4.09	0.0194	3120	0.318	0.0224	0.000818	0.00418	0.0154	3.87	0.000173	0.0449	0.0124	0.0151	0.00509
2035 Jun	1670	9.52	17.9	0.0389	731	0.0368	251	0.0127	0.00196	0.0000157	0.0111	0.055	0.166	0.0464	0.0000356	127	0.0000075	0.0084	0.000805	0.00467	0.0511	0.0000107	32.1	73.9	0.574	0.00293	419	0.0431	0.0431	0.000272	0.00789	0.00209	0.605	0.0000252	0.00595	0.00232	0.00389	0.00799
2035 Jul	4400	24.6	45.9	0.112	1990	0.0664	650	0.031	0.00358	0.0000324	0.0175	0.145	0.403	0.0969	0.0000799	316	0.000166	0.022	0.00183	0.0112	0.0532	0.0000125	82.4	189	1.47	0.00673	1100	0.11	0.0377	0.000368	0.00161	0.00541	1.44	0.0000637	0.0151	0.00502	0.00681	0.00217
2035 Aug	8280	46.2	83.8	0.264	3750	0.131	1250	0.0559	0.00596	0.0000578	0.0263	0.276	0.757	0.185	0.00015	603	0.00032	0.0439	0.00366	0.0218	0.0616	0.0000148	154	354	2.89	0.0128	2070	0.208	0.028	0.000646	0.00287	0.0104	2.83	0.000125	0.0281	0.0098	0.0112	0.00447
2035 Sep	9880	55.2	101	0.282	4480	0.143	1480	0.0674	0.00676	0.0000676	0.0296	0.281	0.908	0.213	0.00018	708	0.000359	0.0507	0.00421	0.0252	0.0628	0.0000148	184	422	3.37	0.0158	2480	0.248	0.0254	0.000711	0.00339	0.0123	3.33	0.000144	0.0338	0.0113	0.0127	0.00527
2035 Oct	11400	64.9	124	0.217	5210	0.109	1660	0.0821	0.00746	0.0000074	0.033	0.262	1.03	0.218	0.000194	792	0.000356	0.0536	0.00415	0.0268	0.069	0.0000148	215	493	3.65	0.0171	2890	0.284	0.0252	0.000696	0.00369	0.0137	3.43	0.000154	0.0399	0.011	0.0134	0.00511
2035 Nov	10700	60.8	116	0.21	4890	0.108	1560	0.0768	0.00707	0.00007	0.0314	0.245	0.965	0.207	0.000183	745	0.000338	0.0506	0.00395	0.0253	0.0671	0.0000145	201	463	3.44	0.0162	2710	0.266	0.0267	0.000662	0.00348	0.0129	3.25	0.000146	0.0374	0.0105	0.0128	0.00486
2035 Dec	11300	64.4	123	0.212	5180	0.107	1650	0.0816	0.0074	0.0000735	0.0328	0.254	1.02	0.216	0.000193	785	0.000352	0.0531	0.00411	0.0266	0.0686	0.0000147	213	490	3.61	0.0171	2870	0.281	0.0255	0.000689	0.00367	0.0136	3.4	0.000153	0.0397	0.0109	0.0133	0.00506
2036 Jan	11400	64.7	124	0.212	5200	0.107	1660	0.0819	0.00743	0.0000738	0.0328	0.255	1.02	0.217	0.000193	788	0.000353	0.0533	0.00412	0.0266	0.0688	0.0000147	214	492	3.63	0.0171	2880	0.283	0.0254	0.000691	0.00368	0.0136	3.41	0.000153	0.0398	0.0109	0.0134	0.00508
2036 Feb	11400	64.7	124	0.212	5190	0.107	1660	0.0818	0.00742	0.0000737	0.0328	0.255	1.02	0.216	0.000193	787	0.000353	0.0533	0.00412	0.0266	0.0688	0.0000147	214	491	3.62	0.0171	2880	0.282	0.0254	0.000691	0.00368	0.0136	3.41	0.000153	0.0398	0.0109	0.0134	0.00507
2036 Mar	11400	64.6	124	0.212	5190	0.107	1650	0.0818	0.00742	0.0000737	0.0328	0.255	1.02	0.216	0.000193	787	0.000353	0.0532	0.00412	0.0266	0.0689	0.0000147	214	491	3.62	0.0171	2880	0.282	0.0254	0.000691	0.00368	0.0136	3.41	0.000153	0.0398	0.0109	0.0134	0.00507
2036 Apr	11300	64.4	123	0.212	5170	0.107	1650	0.0815	0.0074	0.0000735	0.0327	0.275	1.02	0.216	0.000193	785	0.000352	0.0531	0.00412	0.0265	0.0695	0.0000147	213	490	3.61	0.0171	2870	0.281	0.0257	0.000694	0.00367	0.0136	3.4	0.000153	0.0397	0.0109	0.0133	0.00506
2036 May	11200	63.9	122	0.211	5130	0.107	1640	0.0808	0.00736	0.000073	0.0326	0.329	1.01	0.215	0.000191	779	0.00035	0.0527	0.0041	0.0264	0.0715	0.0000148	211	485	3.59	0.0169	2840	0.279	0.0265	0.000704	0.00364	0.0135	3.38	0.000152	0.0393	0.0109	0.0133	0.00502
2036 Jun	2360	13.2	24.8	0.0571	1050	0.0455	351	0.0172	0.00235	0.00002	0.0127	0.0744	0.227	0.0586	0.0000488	173	0.0000973	0.0117	0.00106	0.0063	0.0489	0.0000111	44.6	102	0.792	0.00406	592	0.0596	0.0417	0.000267	0.00101	0.0029	0.824	0.0000346	0.00823	0.00302	0.00462	0.00119
2036 Jul	8730	52.4	98.8	0.207	3820	0.103	1350	0.0656	0.00633	0.0000619	0.0281	0.241	0.838	0.185	0.000161	633	0.000311	0.0449	0.00357	0.0224	0.0637	0.0000144	170	399	3.03	0.014	2230	0.231	0.0272	0.000663	0.00311	0.0113	2.89	0.000129	0.0321	0.00957	0.0117	0.00373
2036 Aug	12500	75.5	144	0.271	5500	0.126	1930	0.0949	0.00863	0.000086	0.0373	0.343	1.19	0.255	0.000226	900	0.000423	0.0633	0.00492	0.0314	0.0745	0.0000163	245	574	4.29	0.0198	3210	0.331	0.0204	0.000837	0.00432	0.0161	4.03	0.000182	0.0463	0.0131	0.0158	0.00515
2036 Sep	10000	59.9	111	0.281	4380	0.139	1570	0.0738	0.00722	0.0000713	0.0315	0.308	0.965	0.222	0.000187	738	0.000374	0.0537	0.00434	0.0267	0.0671	0.0000153	195	458	3.58	0.0162	2560	0.267	0.0248	0.000732	0.00353	0.0132	3.45	0.000153	0.0366	0.0115	0.0132	0.00453
2036 Oct	7770	46.7	88.7	0.168	3410	0.0969	1200	0.059	0.00568	0.0000553	0.0261	0.196	0.748	0.165	0.000144	562	0.000267	0.0392	0.00312	0.0198	0.0622	0.0000135	152	355	2.66	0.0128	1990	0.205	0.0341	0.000522	0.00271	0.00994	2.55	0.000113	0.0288	0.00827	0.0102	0.00328
2036 Nov	9090	54.8	105	0.183	3990	0.0997	1400	0.0694	0.00645	0.0000636	0.0292	0.22	0.872	0.187	0.000166	653	0.000303	0.0453	0.00355	0.0228	0.0652	0.0000141	178	417	3.08	0.0148	2330	0.24	0.0305	0.000594	0.00315	0.0116	2.93	0.000131	0.0338	0.00941	0.0116	0.00373
2036 Dec	9250	55.8	107	0.184	4060	0.0996	1420	0.0707	0.00654	0.0000646	0.0295	0.221	0.887	0.19	0.000169	664	0.000307	0.046	0.00359	0.0231	0.0655	0.0000141	181	424	3.13	0.015	2370	0.244	0.0302	0.000602	0.0032	0.0118	2.97	0.000133	0.0344	0.00954	0.0118	0.00379
2037 Jan	9350	56.4	108	0.184	4110	0.0995	1430	0.0715	0.0066	0.0000652	0.0297	0.223	0.896	0.191	0.000171	670	0.000309	0.0464	0.00362	0.0233	0.0659	0.0000141	183	429	3.16	0.0152	2400	0.246	0.03	0.000607	0.00324	0.0119	3	0.000134	0.0348	0.00962	0.0119	0.00382
2037 Feb	9340	56.3	108	0.184	4100	0.0994	1430	0.0714	0.00659	0.0000651	0.0297	0.223	0.895	0.191	0.00017	669	0.000309	0.0464	0.00362	0.0233	0.0661	0.0000141	183	428	3.16	0.0152	2390	0.246	0.0301	0.000608	0.00323	0.0119	3	0.000134	0.0347	0.00961	0.0119	0.00381
2037 Mar	9330	56.3	108	0.184	4100	0.0994	1430	0.0714	0.00659	0.0000651	0.0297	0.223	0.895	0.191	0.00017	669	0.000309	0.0463	0.00362	0.0233	0.0662	0.0000141	183	428	3.15	0.0152	2390	0.246	0.0301	0.000609	0.00323	0.0119	3	0.000134	0.0347	0.00961	0.0119	0.00381
2037 Apr	9340	56.3	108	0.184	4110	0.0995	1430	0.0714	0.0066	0.0000651	0.0297	0.223	0.895	0.192	0.00017	670	0.000309	0.0464	0.00363	0.0233	0.0664	0.0000142	183	428	3.16	0.0152	2400	0.246	0.0302	0.00

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2039 Dec	2330	1.66	3.22	0.186	121	0.0995	1510	0.112	0.00472	0.0000019	0.0117	0.11	0.482	0.0245	0.0000375	496	0.0000474	0.00644	0.000938	0.00139	0.063	0.0000161	61.1	46.4	0.666	0.0221	70.3	0.00303	0.0059	0.0000965	0.00244	0.00605	1.32	0.0000238	0.00211	0.000942	0.00487	0.0053
2040 Jan	2330	1.66	3.22	0.186	121	0.0994	1510	0.112	0.00471	0.0000189	0.0116	0.11	0.482	0.0245	0.0000375	496	0.0000473	0.00644	0.000937	0.00138	0.063	0.0000161	61	46.4	0.665	0.0221	70.3	0.00303	0.00598	0.0000969	0.00243	0.00604	1.32	0.0000238	0.00211	0.000942	0.00487	0.0053
2040 Feb	2330	1.66	3.22	0.185	121	0.0993	1510	0.112	0.00471	0.0000189	0.0116	0.11	0.481	0.0245	0.0000375	496	0.0000473	0.00643	0.000937	0.00139	0.0631	0.0000161	61	46.3	0.664	0.022	70.2	0.00303	0.00603	0.0000976	0.00243	0.00604	1.32	0.0000238	0.00211	0.000943	0.00486	0.00529
2040 Mar	2330	1.66	3.22	0.185	121	0.0993	1510	0.112	0.00471	0.0000189	0.0116	0.11	0.481	0.0246	0.0000375	496	0.0000473	0.00643	0.000938	0.00139	0.0633	0.0000161	61	46.3	0.665	0.022	70.2	0.00303	0.00607	0.0000981	0.00243	0.00604	1.32	0.0000238	0.00211	0.000944	0.00486	0.00529
2040 Apr	2330	1.66	3.22	0.186	121	0.0995	1510	0.112	0.00472	0.0000019	0.0117	0.11	0.482	0.0247	0.0000375	497	0.0000474	0.00644	0.00094	0.00139	0.0634	0.0000161	61.1	46.4	0.666	0.0221	70.4	0.00304	0.00611	0.0000987	0.00244	0.00605	1.32	0.0000238	0.00211	0.000947	0.00487	0.0053
2040 May	2280	1.62	3.14	0.182	118	0.098	1480	0.109	0.00465	0.0000187	0.0116	0.108	0.472	0.0255	0.0000369	487	0.0000471	0.00632	0.000941	0.0014	0.0659	0.0000161	59.8	45.6	0.655	0.0216	68.9	0.00303	0.00786	0.000128	0.00239	0.00592	1.3	0.0000234	0.00207	0.0009969	0.00483	0.00519
2040 Jun	1270	0.822	1.55	0.0991	65.8	0.0619	804	0.0599	0.00296	0.0000124	0.00934	0.0592	0.26	0.0284	0.0000222	276	0.0000351	0.0036	0.000728	0.00123	0.0774	0.0000131	33.3	26.3	0.392	0.0118	38.8	0.00234	0.0279	0.0000384	0.0014	0.00326	0.767	0.0000136	0.00115	0.000999	0.00346	0.00282
2040 Jul	1470	0.849	2.05	0.116	95.7	0.0915	910	0.0654	0.00313	0.0000134	0.0105	0.0653	0.329	0.0295	0.0000245	305	0.0000439	0.005	0.000792	0.00182	0.0739	0.0000167	37.7	32	0.436	0.0135	63.7	0.00635	0.0241	0.000332	0.0017	0.00364	0.917	0.0000148	0.00164	0.0011	0.0038	0.00308
2040 Aug	1710	0.874	2.46	0.136	120	0.118	1050	0.074	0.00339	0.0000148	0.0116	0.0743	0.403	0.0306	0.0000275	347	0.000052	0.00637	0.00087	0.00233	0.0712	0.0000198	43.6	38.2	0.494	0.0158	85.4	0.00968	0.0194	0.0000282	0.00203	0.00417	1.08	0.0000167	0.00212	0.00119	0.00418	0.00349
2040 Sep	1860	0.774	2.08	0.151	98.9	0.115	1180	0.0847	0.00377	0.0000016	0.0116	0.0845	0.428	0.0292	0.0000303	390	0.0000513	0.00646	0.000897	0.0021	0.0693	0.0000189	48.6	40.7	0.545	0.0176	77.4	0.00808	0.0155	0.0000237	0.00216	0.00471	1.16	0.0000187	0.00214	0.00114	0.00439	0.004
2040 Oct	1890	0.76	2.03	0.153	95.8	0.114	1200	0.0863	0.00382	0.0000162	0.0117	0.086	0.432	0.029	0.0000308	396	0.0000513	0.00648	0.000901	0.00207	0.0692	0.0000188	49.4	41.1	0.552	0.0179	76.3	0.00785	0.015	0.00023	0.00218	0.00479	1.17	0.0000019	0.00215	0.00113	0.00443	0.00408
2040 Nov	1890	0.759	2.02	0.153	95.6	0.114	1200	0.0864	0.00383	0.0000162	0.0117	0.0861	0.433	0.029	0.0000308	397	0.0000513	0.00648	0.000902	0.00207	0.0692	0.0000188	49.5	41.2	0.553	0.0179	76.2	0.00783	0.015	0.00023	0.00218	0.0048	1.17	0.0000019	0.00215	0.00113	0.00443	0.00409
2040 Dec	1890	0.758	2.02	0.153	95.5	0.114	1200	0.0864	0.00383	0.0000162	0.0117	0.0861	0.433	0.029	0.0000308	397	0.0000513	0.00648	0.000902	0.00207	0.0692	0.0000188	49.5	41.2	0.553	0.0179	76.2	0.00782	0.015	0.00023	0.00218	0.0048	1.17	0.0000019	0.00215	0.00113	0.00443	0.00409
2041 Jan	1890	0.758	2.02	0.153	95.5	0.114	1200	0.0864	0.00383	0.0000162	0.0117	0.0861	0.432	0.029	0.0000308	397	0.0000513	0.00648	0.000901	0.00207	0.0692	0.0000188	49.5	41.2	0.553	0.0179	76.2	0.00782	0.015	0.00023	0.00218	0.00479	1.17	0.0000019	0.00215	0.00113	0.00443	0.00409
2041 Feb	1890	0.758	2.02	0.153	95.5	0.114	1200	0.0864	0.00383	0.0000162	0.0117	0.0861	0.432	0.029	0.0000308	396	0.0000513	0.00648	0.000902	0.00207	0.0692	0.0000188	49.5	41.2	0.553	0.0179	76.2	0.00782	0.015	0.00023	0.00218	0.00479	1.17	0.0000019	0.00215	0.00113	0.00443	0.00409
2041 Mar	1890	0.758	2.02	0.153	95.5	0.114	1200	0.0864	0.00383	0.0000162	0.0117	0.0861	0.432	0.029	0.0000308	397	0.0000513	0.00648	0.000902	0.00207	0.0692	0.0000188	49.5	41.2	0.553	0.0179	76.2	0.00782	0.0151	0.00023	0.00218	0.00479	1.17	0.0000019	0.00215	0.00113	0.00443	0.00409
2041 Apr	1890	0.759	2.02	0.153	95.6	0.114	1200	0.0865	0.00383	0.0000162	0.0117	0.0862	0.433	0.0291	0.0000308	397	0.0000513	0.00648	0.000902	0.00207	0.0693	0.0000188	49.5	41.2	0.553	0.0179	76.2	0.00783	0.0151	0.00023	0.00218	0.0048	1.17	0.0000191	0.00215	0.00113	0.00443	0.00409
2041 May	1890	0.76	2.02	0.154	95.7	0.114	1210	0.0867	0.00384	0.0000162	0.0117	0.0864	0.434	0.0292	0.0000309	398	0.0000514	0.0065	0.000905	0.00208	0.0695	0.0000189	49.6	41.3	0.555	0.0179	76.4	0.00784	0.0151	0.000231	0.00219	0.00481	1.17	0.0000191	0.00215	0.00114	0.00445	0.0041
2041 Jun	1640	0.65	1.72	0.133	81.9	0.101	1040	0.075	0.00345	0.0000147	0.011	0.0747	0.375	0.0265	0.0000273	345	0.0000471	0.00561	0.000792	0.00185	0.0652	0.0000175	42.9	35.7	0.48	0.0155	65.6	0.00681	0.0188	0.000211	0.00191	0.00416	1.02	0.0000168	0.00186	0.00104	0.00411	0.00354
2041 Jul	1520	0.576	1.49	0.123	71.1	0.0928	968	0.0699	0.00327	0.0000139	0.0106	0.0696	0.346	0.0248	0.0000257	321	0.0000446	0.00515	0.000733	0.00171	0.0623	0.0000166	39.9	33	0.446	0.0144	58.9	0.00606	0.02	0.000194	0.00178	0.00387	0.942	0.0000157	0.0017	0.000982	0.00393	0.0033
2041 Aug	1640	0.559	1.36	0.134	63.8	0.0952	1060	0.0773	0.00353	0.0000149	0.0109	0.0767	0.372	0.0251	0.0000278	352	0.0000458	0.00543	0.000776	0.00169	0.0633	0.0000168	43.7	35.6	0.486	0.0158	58.9	0.00575	0.0179	0.000184	0.00191	0.00425	1.01	0.0000172	0.00179	0.000994	0.00414	0.00365
2041 Sep	1790	0.526	1.16	0.148	52.6	0.0971	1180	0.0863	0.00384	0.0000159	0.0112	0.0854	0.403	0.0251	0.0000304	390	0.0000467	0.00574	0.000823	0.00163	0.0635	0.0000168	48.3	38.5	0.534	0.0174	57.9	0.00522	0.0147	0.000166	0.00206	0.00472	1.1	0.0000189	0.00189	0.000996	0.00435	0.00408
2041 Oct	1810	0.518	1.12	0.149	50.7	0.097	1190	0.0871	0.00387	0.0000016	0.0112	0.0862	0.405	0.0251	0.0000306	393	0.0000466	0.00576	0.000826	0.00162	0.0634	0.0000167	48.7	38.8	0.538	0.0176	57.4	0.00511	0.0144	0.000163	0.00207	0.00477	1.1	0.0000191	0.0019	0.000991	0.00436	0.00412
2041 Nov	1810	0.518	1.12	0.149	50.5	0.0971	1190	0.0873	0.00387	0.0000161	0.0112	0.0864	0.405	0.0251	0.0000307	394	0.0000466	0.00576	0.000826	0.00162	0.0634	0.0000167	48.8	38.8	0.539	0.0176	57.4	0.0051	0.0144	0.000163	0.00207	0.00477	1.11	0.0000191	0.0019	0.000991	0.00437	0.00413
2041 Dec	1810	0.518	1.12	0.149	50.5	0.0971	1190	0.0872	0.00387	0.0000161	0.0112	0.0863	0.405	0.0251	0.0000307	394	0.0000466	0.00576	0.000826	0.00162	0.0634	0.0000167	48.8	38.8	0.539	0.0176	57.4	0.0051	0.0145	0.000163	0.00207	0.00477	1.1	0.0000191	0.0019	0.000991	0.00436	0.00412
2042 Jan	1810	0.517	1.12	0.149	50.5	0.0971	1190	0.0872	0.00387	0.0000016	0.0112	0.0863	0.405	0.0251	0.0000306	394	0.0000466	0.00576	0.000826	0.00162	0.0634	0.0000167	48.7	38.8	0.539	0.0176	57.3	0.0051	0.0145	0.000163	0.00207	0.00477	1.1	0.0000191	0.0019	0.000991	0.00436	0.00412
2042 Feb	1810	0.517	1.12	0.149	50.5	0.097	1190	0.0872	0.00387	0.0000016	0.0112	0.0863	0.405	0.0251	0.0000306	394	0.0000466	0.00576	0.000826	0.00162	0.0635	0.0000167	48.7	38.8	0.539	0.0176	57.3	0.0051	0.0145	0.000163	0.00207	0.00477	1.1	0.0000191	0.0019	0.000991	0.00436	0.00412
2042 Mar	1810	0.517	1.12	0.149	50.5	0.097	1190	0.0872	0.00387	0.0000016	0.0112	0.0863	0.405	0.0251	0.0000306	394	0.0000466	0.00576	0.000826	0.00162	0.0635	0.0000167	48.7	38.8	0.539	0.0176	57.3	0.0051	0.0145	0.000163	0.00207	0.00477	1.1	0.0000191	0.0019	0.000991	0.00436	0.00412
2042 Apr	1810	0.518	1.12	0.15	50.6	0.0972	1190	0.0873	0.00388	0.0000161	0.0112	0.0864	0.406	0.0251	0.0000307	394	0.0000467	0.00577	0.000828	0.00162	0.0636	0.0000167	48.8	38.9	0.539	0.0176	57.4	0.00511	0.0145	0.000163	0.00207	0.00478	1.11	0.0000191	0.0019	0.000993	0.00437	0.00413
2042 May	1820	0.521	1.13	0.15	50.8	0.0977	1200	0.0878	0.0039	0.0000162	0.0113	0.0869	0.408	0.0253	0.0000309	396	0.0000469	0.0058	0.000832	0.00163	0.0639	0.0000168	49.1	39.1	0.542	0.0177	57.7	0.00513	0.0146	0.000164	0.00208	0.0048	1.11	0.0000192	0.00191	0.000998	0.00439	0.00415
2042 Jun	1630	0.467	1.01	0.135	46	0.0895	1080	0.0788	0.00359	0.000015	0.0108	0.078	0.367	0.0238	0.0000282	356	0.0000442	0.00522	0.000756	0.00152	0.0614	0.000016	44.1	35.1	0.488	0.0159	52	0.00469	0.0174	0.000157	0.00189	0.00431	1	0.0000174	0.00172	0.000943	0.00414	0.00372
2042 Jul	1550	0.434	0.92	0.128	42	0.0855	1030	0.0752	0.00347	0.0000145	0.0106	0.0743	0.348	0.023	0.000027	340	0.0000427	0.00494	0.000721	0.00145	0.06	0.0000156	42	33.4	0.464	0.0151	48.7	0.00439	0.0186	0.000151	0.0018	0.00411	0.953	0.0000167	0.00163	0.00091	0.00403	0.00355
2042 Aug	1650	0.411	0.781	0.137	34.4	0.0871	1100	0.0808	0.00366	0.0000151	0.0106	0.0798	0.367	0.023	0.0000286	364	0.0000425	0.00513	0.000749	0.00142	0.0598	0.0000155	44.9	35.3	0.494	0.0162	47.8	0.00401	0.0162	0.000137	0.00189	0.0044	1.01	0.0000178	0.00168	0.000892	0.00412	0.00382
2042 Sep	1790	0.4	0.669	0.15	27.8	0.0902	1210	0.089	0.00394	0.0000161	0.0108	0.0878	0.397	0.0233	0.0000309	399	0.0000436	0.00547	0.000798	0.0014	0.0603	0.0000156	49.1	38.2	0.539	0.0177	48.4	0.00373	0.0132	0.000125	0.00203	0.00484	1.09	0.0000194	0.0018	0.000902	0.00431	0.00421
2042 Oct	1790	0.396	0.65	0.15	26.9	0.0901	1210	0.0892	0.00394	0.0000161	0.0108	0.088	0.397	0.0232	0.000031	399	0.0000435	0.00546	0.000797	0.00139	0.0602	0.0000156	49.2	38.2	0.54	0.0178	48.1	0.00368	0.0132	0.000123	0.00203	0.00484	1.09	0.0000194	0.00179	0.000896	0.0043	0.00422
2042 Nov	1790	0.396	0.647	0.15	26.8	0.0901	1210	0.0892	0.00394	0.0000161	0.0108	0.088	0.397	0.0233	0.000031	399	0.0000435	0.00546	0.000797	0.00139	0.0602	0.0000156	49.2	38.2	0.54	0.0178	48	0.00367	0.0132	0.000122	0.00203	0.00484	1.09	0.0000194	0.00179	0.000896	0.0043	0.00422
2042 Dec	1790	0.396	0.647	0.15	26.8	0.0901	1210	0.0892	0.00394	0.0000161	0.0108	0.0879	0.397	0.0233	0.000031	399	0.0000435	0.00546	0.000797	0.00139	0.0602	0.0000156	49.2	38.2	0.54	0.0178	48	0.00367	0.0132	0.000122	0.00203	0.00484	1.09	0.0000194	0.00179	0.000896	0.0043	0.00422
2043 Jan	1790	0.396	0.647	0.15	26.8	0.0901	1210	0.0892	0.00394	0.0000161	0.0108	0.0879	0.397	0.0233	0.000031	399	0.0000435	0.00546	0.000797	0.00139	0.0602	0.0000156	49.2	38.2	0.539	0.0178	48	0.00367	0.0133	0.000122	0.00203	0.00484	1.09	0.0000194	0.00179	0.000896	0.0043	0.00422
2043 Feb	1790	0.396	0.647	0.15	26.8	0.0901	1210	0.0891	0.00394	0.0000161	0.0108	0.0879	0.397	0.0233	0.000031	399	0.0000435	0.00546	0.000797	0.00139	0.0602	0.0000156	49.2	38.2	0.539	0.0178	48	0.00367	0.0133	0.000122	0.00203	0.00484	1.09	0.0000194	0.00179	0.000896	0.0043	0.00422
2043 Mar	1790	0.396	0.647	0.15	26.8	0.0901	1210	0.0891	0.00394	0.0000161	0.0108	0.0879	0.397	0.0233	0.000031	399	0.0000435	0.00546	0.000797	0.00139	0.0603	0.0000156	49.2	38.2	0.539	0.0178	48	0.00367	0.0133	0.000123	0.00203	0.00484	1.09	0.0000194	0.00179	0.000896	0.0043	0.00422
2043 Apr	1800	0.396	0.648	0.15	26.8	0.0902	1210	0.0893	0.00394	0.0000161	0.0109	0.088	0.398	0.0233	0.000031	400	0.0000435	0.00547	0.000798	0.0014	0.0604	0.0000156	49.2	38.2	0.54	0.0178	48.1	0.00367	0.0133	0.000123	0.00203	0.00485	1.09	0.0000194	0.00179	0.000897	0.0043	0.00422
2043 May	1800	0.397	0.648	0.15	26.9	0.0903	1210	0.0893	0.00395	0.0000162	0.0109	0.0881	0.398	0.0235	0.000031	400	0.0000437	0.00547	0.000802	0.0014	0.061	0.0000156	49.3	38.3	0.541	0.0178	48.1	0.00368	0.0136	0.000128	0.00203	0.00485	1.09	0.0000194	0.0018	0.000905	0.00432	0.00422
2043 Jun	1560	0.347	0.556	0.129	25	0.0803	1040	0.0771	0.00354	0.0000146	0.0103	0.0761	0.344	0.0244	0.0000274	348	0.0000404	0.00476	0.000751	0.00134	0.0644	0.0000148	42.7	33.4	0.476	0.0154	42.1	0.00336	0.0186	0.000197	0.00178	0.00419	0.957	0.000017	0.00156	0.000914	0.00397	0.00364
2043 Jul	1610	0.351	0.546	0.134	24.2	0.0822	1080	0.0799	0.00364	0.0000015	0.0105	0.0789	0.355	0.0246	0.0000283	360	0.0000412	0.0049	0.000769	0.00136	0.0649	0.000015	44.2	34.5	0.492	0.0159	42.9	0.00336	0.0182	0.000193	0.00184	0.00434	0.987	0.0000176	0.0016	0.000923	0.00407	0.00377
2043 Aug	1810	0.365	0.511	0.152	20.6	0.0884	1230	0.0908	0.00402	0.0000164	0.0109	0.0895	0.399	0.0249	0.0000315	407	0.0000437	0.00545	0.000833	0.00138	0.0652	0.0000155	50	38.6	0.552	0.018	46	0.00324	0.0143	0.00017	0.00205	0.00493	1.1	0.0000197	0.00178	0.000947	0.00437	0.00429
2043 Sep	1890	0.37	0.492	0.158	19	0.0906	1280	0.0949	0.00416	0.0000169	0.0111	0.0936	0.416	0.0249	0.0000327	424	0.0000445	0.00565	0.000856	0.00139	0.065	0.0000157	52.2	40.2	0.575	0.0188	47.1	0.00331	0.0126	0.000159	0.00213	0.00515	1.15	0.0000205	0.00185	0.000953	0.00448	0.00449
2043 Oct	1870	0.365	0.479	0.157	18.6	0.0901	1270	0.0939	0.00412	0.0000168	0.011	0.0925	0.411	0.0247	0.0000324	420	0.0000441	0.00558	0.000846	0.00138	0.0645	0.0000156	51.6	39.7	0.568	0.0186	46.4	0.00325	0.0131	0.000154	0.0021	0.00509	1.13	0.0000203	0.00183	0.000939	0.00443	0.00444
2043 Nov	1840	0.36	0.469	0.154	18.4	0.0892	1250	0.0922	0.00406	0.0000165	0.011	0.0909	0.404	0.0246	0.0000319	413	0.0000435	0.00549	0.000832	0.00137	0.0641	0.0000154	50.7	39.1	0.558	0.0183	45.6	0.00321	0.0139	0.00015	0.00206	0.005	1.11	0.00002	0.0018	0.000924	0.00437	0.00436
2043 Dec	1830	0.36	0.468	0.154	18.4	0.0892	1240	0.0921	0.00406	0.0000165	0.011	0.0908	0.404	0.0246	0.0000318	412	0.0000435	0.00548	0.000831	0.00137	0.0641	0.0000154	50.6	39	0.558	0.0183	45.6	0.0032	0.0139	0.00015	0.00206	0.00499	1.11	0.00002	0.00179	0.000923	0.00437	0.00436
2044 Jan	1830	0.36	0.468	0.154	18.4	0.0892	1240	0.0921	0.00406	0.0000165	0.011	0.0908	0.403	0.0246	0.0000318	412	0.0000435	0.00548	0.000831	0.00137	0.0641	0.0000154	50.6	39	0.558	0.0183	45.6	0.0032	0.0139	0.00015	0.00206	0.00499	1.11	0.00002	0.00179	0.000923	0.00437	0.00436
2044 Feb	1830	0.36	0.468	0.154	18.4	0.0892	1240	0.0921	0.00406	0.0000165	0.011	0.0908	0.404	0.0246	0.0000318	412	0.0000435	0.00548	0.000832	0.00137	0.0641	0.0000154	50.6	39	0.558	0.0183	45.6	0.0032	0.0139	0.00015	0.00206	0.00499	1.11	0.00002	0.00179	0.000923	0.00437	0.00436
2044 Mar	1830	0.36	0.468	0.154	18.4	0.0892	1250	0.0922	0.00406	0.0000165	0.011	0.0908	0.404	0.0246	0.0000318	412	0.0000435	0.00548	0.000832	0.00137	0.0642	0.0000154	50.7	39	0.558	0.0183	45.6	0.0032	0.0139	0.000151	0.00206	0.005	1.11	0.00002	0.0018	0.000924	0.00437	0.00436
2044 Apr	1840	0.36	0.468	0.154	18.4	0.0893	1250	0.0923	0.00406	0.0000166	0.011	0.0909	0.404	0.0246	0.0000319	413	0.0000436	0.00549	0.000833	0.00137	0.0642	0.0000155	50.7	39.1	0.559	0.0183	45.6	0.00321	0.0139	0.000151	0.00206	0.005	1.11	0.00002	0.0018	0.000925	0.00437	0.00436
2044 May	1840	0.362	0.47	0.155	18.4	0.0897	1250	0.0927	0.00408	0.0000166	0.0111	0.0913	0.406	0.0247	0.000032	415	0.0000438	0.00551	0.000837	0.00138	0.0645	0.0000155	50.9	39.2	0.561	0.0184	45.8	0.00322	0.014	0.000151	0.00207	0.00502	1.12	0.0000201	0.0018	0.000929	0.00439	0.00438
2044 Jun	1590	0.323	0.485	0.132	21.3	0.0842	1070	0.0787	0.00359	0.0000148	0.0106	0.0777	0.355	0.0231	0.0000279	354	0.0000417	0.00494	0.000737	0.00138	0.0606	0.0000152	43.6	34.2	0.482	0.0157	42.4	0.00371	0.0178	0.000146	0.00183	0.00428	0.977	0.0000173	0.00162	0.000885	0.00404	0.00372
2044 Jul	1580	0.357	0.726	0.13	35.2	0.0985	1050	0.0757	0.00347	0.0000147	0.011	0.0752	0.371	0.0242	0.0000275	345	0.0000458	0.00547	0.000749	0.00174	0.0599	0.0000171	43	35.3	0.475	0.0156	50.5	0.00618	0.0181	0.000144	0.00189	0.00418	1	0.0000169	0.00181	0.000952	0.00408	0.00358
2044

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2047 Jun	1320	0.802	4.13	0.0789	235	0.347	641	0.0202	0.00118	0.0000109	0.0175	0.029	0.646	0.0466	0.0000173	177	0.000113	0.0148	0.00102	0.00808	0.0535	0.0000488	30.7	53.2	0.351	0.0119	161	0.0497	0.0211	0.000245	0.0029	0.00217	1.45	0.00000775	0.00516	0.00218	0.00426	0.000941
2047 Jul	1410	0.823	4.21	0.0846	239	0.361	694	0.0231	0.00128	0.0000115	0.018	0.0322	0.679	0.0477	0.0000185	192	0.000118	0.0155	0.00106	0.00837	0.0534	0.0000506	33	56	0.375	0.0128	164	0.0515	0.0197	0.000235	0.00305	0.00236	1.53	0.00000843	0.00539	0.00224	0.00444	0.00108
2047 Aug	1530	0.929	4.87	0.0869	275	0.435	742	0.0199	0.00106	0.0000012	0.0203	0.0312	0.8	0.053	0.0000192	197	0.000138	0.0186	0.00118	0.0101	0.0493	0.0000597	35.8	65.2	0.403	0.0141	188	0.0632	0.016	0.000206	0.00354	0.00244	1.77	0.00000828	0.00649	0.00256	0.00481	0.00093
2047 Sep	1590	0.988	5.26	0.087	297	0.479	762	0.0172	0.000901	0.0000122	0.0216	0.0299	0.871	0.0559	0.0000194	196	0.00015	0.0204	0.00125	0.0111	0.0459	0.0000651	37.2	70.5	0.416	0.0147	201	0.0703	0.0134	0.000182	0.00383	0.00246	1.91	0.00000804	0.00715	0.00275	0.005	0.000807
2047 Oct	1590	0.969	5.13	0.0876	289	0.469	766	0.0185	0.000955	0.0000122	0.0213	0.0308	0.858	0.0549	0.0000195	199	0.000148	0.02	0.00123	0.0109	0.0459	0.0000638	37.2	69.5	0.416	0.0147	196	0.0687	0.0135	0.000177	0.00378	0.00249	1.88	0.00000821	0.00701	0.00269	0.00496	0.000866
2047 Nov	1580	0.959	5.06	0.0873	286	0.464	763	0.0188	0.000974	0.0000121	0.0211	0.031	0.849	0.0545	0.0000195	199	0.000146	0.0198	0.00122	0.0107	0.0459	0.0000631	37	68.8	0.414	0.0146	194	0.0677	0.0138	0.000175	0.00374	0.00248	1.86	0.00000824	0.00692	0.00266	0.00492	0.000881
2047 Dec	1580	0.957	5.05	0.0874	285	0.463	764	0.0189	0.00098	0.0000122	0.0211	0.0311	0.848	0.0544	0.0000195	199	0.000146	0.0197	0.00122	0.0107	0.046	0.000063	37	68.7	0.414	0.0146	194	0.0676	0.0138	0.000175	0.00373	0.00249	1.86	0.00000826	0.00691	0.00266	0.00492	0.000888
2048 Jan	1580	0.956	5.04	0.0875	284	0.462	765	0.019	0.000985	0.0000122	0.0211	0.0312	0.847	0.0543	0.0000195	199	0.000146	0.0197	0.00122	0.0107	0.046	0.0000629	37.1	68.7	0.414	0.0146	193	0.0675	0.0138	0.000175	0.00373	0.00249	1.86	0.00000828	0.0069	0.00266	0.00492	0.000893
2048 Feb	1580	0.955	5.03	0.0877	284	0.462	766	0.0192	0.00099	0.0000122	0.0211	0.0313	0.846	0.0543	0.0000196	200	0.000145	0.0197	0.00122	0.0107	0.0461	0.0000629	37.1	68.7	0.414	0.0147	193	0.0674	0.0138	0.000175	0.00373	0.0025	1.86	0.0000083	0.0069	0.00265	0.00492	0.000899
2048 Mar	1580	0.954	5.03	0.0878	284	0.461	767	0.0193	0.000996	0.0000122	0.0211	0.0314	0.846	0.0543	0.0000196	200	0.000145	0.0197	0.00122	0.0107	0.0461	0.0000628	37.1	68.6	0.415	0.0147	193	0.0673	0.0138	0.000175	0.00372	0.0025	1.86	0.00000832	0.00689	0.00265	0.00492	0.000906
2048 Apr	1580	0.955	5.03	0.088	284	0.461	769	0.0194	0.001	0.0000122	0.0211	0.0315	0.846	0.0543	0.0000196	201	0.000145	0.0197	0.00122	0.0107	0.0462	0.0000628	37.2	68.7	0.415	0.0147	193	0.0673	0.0138	0.000175	0.00373	0.00251	1.86	0.00000835	0.00689	0.00265	0.00492	0.000913
2048 May	1590	0.958	5.04	0.0886	285	0.463	773	0.0197	0.00101	0.0000123	0.0211	0.0318	0.85	0.0545	0.0000198	202	0.000146	0.0198	0.00123	0.0107	0.0464	0.000063	37.4	69	0.418	0.0148	194	0.0675	0.0139	0.000176	0.00374	0.00253	1.87	0.00000841	0.00692	0.00266	0.00495	0.000923
2048 Jun	1350	0.807	4.23	0.0757	239	0.392	659	0.0174	0.00102	0.0000111	0.0189	0.0276	0.717	0.0475	0.0000175	174	0.000126	0.0166	0.00105	0.00908	0.0453	0.0000544	31.9	58.3	0.357	0.0126	163	0.0568	0.0181	0.000163	0.00319	0.00217	1.58	0.00000751	0.00582	0.00231	0.00448	0.000812
2048 Jul	1260	0.71	3.66	0.0725	207	0.346	630	0.0195	0.00116	0.0000108	0.0175	0.0282	0.643	0.0431	0.0000171	171	0.000113	0.0147	0.000954	0.008	0.0452	0.0000488	30.1	52.6	0.337	0.0118	143	0.0495	0.0198	0.000152	0.00288	0.00212	1.43	0.0000076	0.00514	0.00209	0.00427	0.000906
2048 Aug	1390	0.807	4.27	0.0739	241	0.426	683	0.0161	0.000925	0.0000114	0.0199	0.0272	0.774	0.0496	0.0000179	177	0.000135	0.0181	0.0011	0.00987	0.0423	0.0000586	33.3	62.6	0.37	0.0132	164	0.0622	0.0158	0.00014	0.00342	0.00221	1.69	0.00000746	0.00633	0.00245	0.00466	0.000749
2048 Sep	1450	0.841	4.47	0.0756	252	0.456	714	0.0156	0.000866	0.0000116	0.0207	0.0277	0.826	0.0519	0.0000184	182	0.000144	0.0193	0.00116	0.0106	0.0412	0.0000621	34.9	66.6	0.387	0.0139	171	0.0668	0.0139	0.000134	0.00363	0.00229	1.8	0.00000756	0.0067	0.00258	0.00481	0.000731
2048 Oct	1450	0.828	4.37	0.0772	246	0.447	725	0.0173	0.000935	0.0000117	0.0205	0.0291	0.815	0.0512	0.0000187	187	0.000141	0.019	0.00115	0.0103	0.0415	0.000061	35.2	65.9	0.39	0.014	168	0.0653	0.0138	0.000132	0.00359	0.00235	1.78	0.00000783	0.00666	0.00254	0.00479	0.000812
2048 Nov	1450	0.823	4.33	0.0776	244	0.444	727	0.0179	0.000958	0.0000117	0.0204	0.0295	0.811	0.051	0.0000188	188	0.00014	0.0189	0.00114	0.0103	0.0417	0.0000606	35.3	65.6	0.39	0.014	167	0.0647	0.0139	0.000131	0.00357	0.00236	1.77	0.00000791	0.00661	0.00252	0.00478	0.000836
2048 Dec	1450	0.822	4.32	0.0777	243	0.443	728	0.0179	0.000962	0.0000118	0.0204	0.0295	0.81	0.0509	0.0000188	189	0.00014	0.0189	0.00114	0.0102	0.0417	0.0000605	35.3	65.5	0.391	0.014	166	0.0646	0.014	0.000131	0.00357	0.00237	1.77	0.00000792	0.00661	0.00252	0.00478	0.00084
2049 Jan	1460	0.821	4.32	0.0778	243	0.443	729	0.018	0.000966	0.0000118	0.0204	0.0296	0.81	0.0509	0.0000188	189	0.00014	0.0188	0.00114	0.0102	0.0417	0.0000605	35.3	65.5	0.391	0.014	166	0.0645	0.014	0.000131	0.00357	0.00237	1.77	0.00000794	0.0066	0.00252	0.00478	0.000845
2049 Feb	1460	0.821	4.31	0.0779	243	0.442	730	0.0182	0.000971	0.0000118	0.0204	0.0297	0.809	0.0509	0.0000188	189	0.00014	0.0188	0.00114	0.0102	0.0418	0.0000604	35.3	65.5	0.391	0.014	166	0.0644	0.014	0.000131	0.00357	0.00237	1.77	0.00000796	0.00659	0.00252	0.00478	0.000851
2049 Mar	1460	0.82	4.31	0.0781	243	0.442	731	0.0183	0.000977	0.0000118	0.0204	0.0298	0.809	0.0508	0.0000188	190	0.00014	0.0188	0.00114	0.0102	0.0418	0.0000604	35.4	65.5	0.392	0.014	166	0.0644	0.0139	0.000132	0.00357	0.00238	1.77	0.00000799	0.00659	0.00251	0.00478	0.000858
2049 Apr	1460	0.82	4.31	0.0783	242	0.442	733	0.0185	0.000983	0.0000118	0.0204	0.03	0.809	0.0509	0.0000189	191	0.00014	0.0188	0.00114	0.0102	0.0419	0.0000604	35.5	65.5	0.393	0.014	166	0.0644	0.0139	0.000132	0.00357	0.00239	1.77	0.00000802	0.00659	0.00251	0.00478	0.000865
2049 May	1470	0.824	4.32	0.0788	243	0.443	737	0.0187	0.000993	0.0000119	0.0205	0.0302	0.812	0.0511	0.000019	192	0.00014	0.0189	0.00115	0.0102	0.0422	0.0000606	35.7	65.8	0.395	0.0141	167	0.0646	0.014	0.000132	0.00358	0.0024	1.78	0.00000808	0.00661	0.00252	0.0048	0.000875
2049 Jun	1230	0.685	3.58	0.0663	202	0.371	618	0.0162	0.000999	0.0000107	0.0182	0.0257	0.677	0.0441	0.0000167	163	0.00012	0.0157	0.000971	0.00858	0.0416	0.0000518	30	54.9	0.332	0.0118	138	0.0536	0.0186	0.000126	0.00302	0.00203	1.49	0.00000711	0.00549	0.00217	0.00433	0.00075
2049 Jul	1210	0.638	3.28	0.0671	185	0.346	621	0.0187	0.00112	0.0000107	0.0174	0.0275	0.64	0.0419	0.0000169	167	0.00013	0.0147	0.00093	0.00798	0.0422	0.0000487	29.7	52.2	0.329	0.0116	128	0.0496	0.0192	0.000123	0.00267	0.00207	1.42	0.00000745	0.00514	0.00205	0.00424	0.000871
2049 Aug	1320	0.696	3.61	0.0708	203	0.397	682	0.0187	0.00106	0.0000113	0.0191	0.0289	0.731	0.0465	0.0000178	180	0.00013	0.0165	0.00098	0.00917	0.0417	0.000055	32.8	59.4	0.363	0.0129	140	0.0575	0.0165	0.000122	0.00325	0.00225	1.61	0.00000778	0.00592	0.0023	0.00456	0.000872
2049 Sep	1400	0.745	3.93	0.0706	221	0.448	713	0.0163	0.000897	0.0000116	0.0205	0.0281	0.814	0.0507	0.0000184	183	0.000141	0.019	0.00113	0.0104	0.0401	0.0000612	34.7	65.6	0.384	0.0138	151	0.0655	0.0138	0.000119	0.00358	0.0023	1.77	0.00000764	0.00667	0.00253	0.00478	0.000763
2049 Oct	1410	0.737	3.85	0.0724	216	0.442	728	0.018	0.000961	0.0000117	0.0204	0.0296	0.809	0.0503	0.0000188	188	0.00014	0.0188	0.00113	0.0102	0.0403	0.0000604	35.3	65.4	0.389	0.014	149	0.0645	0.0136	0.000117	0.00357	0.00237	1.77	0.00000793	0.0066	0.0025	0.00478	0.000844
2049 Nov	1420	0.727	3.77	0.074	212	0.434	737	0.0195	0.00102	0.0000118	0.0202	0.0308	0.799	0.0496	0.000019	193	0.000138	0.0185	0.00112	0.01	0.0407	0.0000594	35.5	64.7	0.391	0.014	146	0.0631	0.0137	0.000116	0.00353	0.00242	1.75	0.00000816	0.00648	0.00246	0.00476	0.000915
2049 Dec	1420	0.726	3.76	0.0741	211	0.433	738	0.0197	0.00103	0.0000118	0.0201	0.0309	0.798	0.0496	0.000019	193	0.000137	0.0185	0.00112	0.00999	0.0408	0.0000593	35.5	64.6	0.392	0.014	146	0.0629	0.0138	0.000116	0.00352	0.00242	1.75	0.00000819	0.00647	0.00246	0.00475	0.000922
2050 Jan	1420	0.725	3.75	0.0743	211	0.433	739	0.0198	0.00104	0.0000118	0.0201	0.031	0.797	0.0495	0.000019	193	0.000137	0.0185	0.00112	0.00997	0.0409	0.0000592	35.6	64.6	0.392	0.014	146	0.0628	0.0138	0.000116	0.00352	0.00243	1.75	0.00000821	0.00646	0.00246	0.00475	0.000929
2050 Feb	1420	0.724	3.74	0.0745	210	0.432	741	0.02	0.00105	0.0000119	0.0201	0.0312	0.796	0.0495	0.0000191	194	0.000137	0.0184	0.00112	0.00995	0.0409	0.0000591	35.6	64.6	0.393	0.0141	145	0.0627	0.0138	0.000116	0.00352	0.00243	1.75	0.00000825	0.00645	0.00245	0.00475	0.00094
2050 Mar	1420	0.724	3.74	0.0747	210	0.431	742	0.0202	0.00105	0.0000119	0.0201	0.0314	0.796	0.0494	0.0000191	195	0.000137	0.0184	0.00112	0.00994	0.041	0.000059	35.7	64.5	0.393	0.0141	145	0.0626	0.0137	0.000116	0.00352	0.00244	1.75	0.00000828	0.00644	0.00245	0.00475	0.000947
2050 Apr	1420	0.724	3.73	0.0749	210	0.431	744	0.0203	0.00106	0.0000119	0.0201	0.0315	0.796	0.0495	0.0000192	195	0.000137	0.0184	0.00112	0.00993	0.0411	0.000059	35.7	64.6	0.394	0.0141	145	0.0625	0.0137	0.000116	0.00352	0.00245	1.75	0.00000831	0.00644	0.00245	0.00476	0.000955
2050 May	1430	0.726	3.74	0.0754	210	0.432	748	0.0206	0.00107	0.0000119	0.0202	0.0317	0.799	0.0496	0.0000193	197	0.000137	0.0185	0.00113	0.00996	0.0413	0.0000591	35.9	64.8	0.396	0.0142	146	0.0627	0.0138	0.000117	0.00353	0.00246	1.75	0.00000836	0.00646	0.00246	0.00478	0.000964
2050 Jun	1280	0.643	3.3	0.0677	186	0.383	669	0.019	0.00108	0.0000112	0.0186	0.0288	0.707	0.0453	0.0000177	178	0.000123	0.0163	0.00101	0.00884	0.0415	0.0000532	32.1	57.5	0.355	0.0126	129	0.0553	0.0169	0.000118	0.00315	0.00221	1.56	0.00000773	0.0057	0.00223	0.00446	0.000886
2050 Jul	1250	0.599	3.02	0.0681	170	0.357	665	0.0211	0.00119	0.0000111	0.0178	0.0301	0.668	0.0428	0.0000178	180	0.000116	0.0152	0.000965	0.00822	0.0418	0.00005	31.6	54.5	0.349	0.0124	119	0.0511	0.0175	0.000116	0.00299	0.00224	1.48	0.00000797	0.00533	0.0021	0.00435	0.000987
2050 Aug	1320	0.627	3.17	0.0707	178	0.39	711	0.0217	0.00116	0.0000116	0.0188	0.0316	0.726	0.0457	0.0000186	190	0.000125	0.0166	0.00104	0.00896	0.0417	0.0000539	33.8	59.2	0.373	0.0133	125	0.056	0.0156	0.000116	0.00323	0.00237	1.6	0.00000829	0.00582	0.00226	0.00456	0.00101
2050 Sep	1380	0.655	3.35	0.0709	188	0.424	738	0.0205	0.00107	0.0000118	0.0199	0.0314	0.785	0.0487	0.000019	194	0.000135	0.0181	0.00111	0.00977	0.0407	0.0000582	35.4	63.7	0.39	0.0139	131	0.0615	0.0137	0.000114	0.00347	0.00243	1.72	0.00000828	0.00634	0.00242	0.00473	0.000961
2050 Oct	1410	0.655	3.32	0.0741	186	0.424	765	0.0227	0.00115	0.0000121	0.0199	0.0335	0.791	0.0488	0.0000197	203	0.000135	0.0182	0.00112	0.00975	0.0412	0.0000581	36.5	64.3	0.402	0.0143	131	0.0613	0.0131	0.000114	0.00351	0.00254	1.74	0.00000887	0.00636	0.00242	0.00478	0.00106
2050 Nov	1430	0.653	3.29	0.0759	184	0.421	779	0.024	0.0012	0.0000122	0.0198	0.0347	0.79	0.0486	0.00002	208	0.000134	0.0181	0.00112	0.00967	0.0415	0.0000577	37	64.3	0.407	0.0145	130	0.0607	0.0129	0.000114	0.0035	0.0026	1.74	0.00000895	0.00632	0.00241	0.00479	0.00113
2050 Dec	1430	0.652	3.28	0.0762	184	0.42	781	0.0243	0.00121	0.0000122	0.0198	0.035	0.789	0.0485	0.00002	209	0.000134	0.018	0.00112	0.00964	0.0416	0.0000576	37	64.3	0.408	0.0145	130	0.0605	0.0129	0.000114	0.0035	0.00261	1.74	0.00000899	0.00631	0.0024	0.00479	0.00114
2051 Jan	1430	0.652	3.28	0.0764	183	0.42	782	0.0244	0.00122	0.0000122	0.0198	0.0351	0.789	0.0485	0.0000201	209	0.000134	0.018	0.00112	0.00963	0.0417	0.0000575	37.1	64.2	0.408	0.0145	130	0.0605	0.0129	0.000114	0.0035	0.00262	1.74	0.00000901	0.00631	0.0024	0.00479	0.00115
2051 Feb	1430	0.652	3.27	0.0765	183	0.419	783	0.0245	0.00122	0.0000122	0.0198	0.0352	0.788	0.0484	0.0000201	210	0.000134	0.018	0.00112	0.00962	0.0417	0.0000574	37.1	64.2	0.409	0.0145	130	0.0604	0.0129	0.000114	0.0035	0.00262	1.74	0.00000904	0.0063	0.0024	0.00479	0.00115
2051 Mar	1440	0.651	3.27	0.0767	183	0.419	784	0.0247	0.00123	0.0000123	0.0198	0.0353	0.788	0.0484	0.0000201	210	0.000134	0.018	0.00112	0.00961	0.0417	0.0000574	37.1	64.2	0.409	0.0146	129	0.0603	0.0129	0.000114	0.0035	0.00263	1.74	0.00000906	0.00629	0.0024	0.0048	0.00116
2051 Apr	1440	0.652	3.27	0.077	183	0.419	786	0.0248	0.00123	0.0000123	0.0198	0.0354	0.788	0.0484	0.0000202	211	0.000134	0.018	0.00112	0.00961	0.0418	0.0000574	37.2	64.2	0.41	0.0146	129	0.0603	0.0129	0.000114	0.0035	0.00264	1.74	0.00000909	0.0063	0.0024	0.0048	0.00117
2051 May	1440	0.651	3.26	0.0771	183	0.419	787	0.0249	0.00124	0.0000123	0.0198	0.0355	0.788	0.0486	0.0000202	211	0.000134	0.018	0.00112	0.0096	0.0424	0.0000574	37.3	64.2	0.411	0.0146	129	0.0602	0.0132	0.000119	0.0035	0.00264	1.74	0.00000911	0.00629	0.0024	0.00481	0.00117
2051 Jun	1160	0.52	2.58	0.0612	146	0.341	631	0.0199	0.00116	0.0000108	0.0172	0.0285	0.635	0.0432	0.0000171	172	0.000111	0.0145	0.000958	0.00788	0.0465	0.000048	30.1	52.1	0.338	0.0117	103	0.0487	0.0194	0.000173	0.00285	0.00213	1.42	0.00000763	0.00507	0.00208	0.00422	0.000929
2051 Jul	1200	0.511	2.48	0.0655	140	0.336	668	0.0233	0.00129	0.0000111	0.0172	0.0316	0.637	0.0426	0.0000179	185	0.00011	0.0144	0.000962	0.00774	0.0445	0.0000474	31.5	52.4	0.352	0.0122	100	0.0477	0.0186	0.000164	0.00287	0.00228	1.43	0.00000825	0.00503	0.00205	0.00428	0.00109
2051 Aug	1300	0.579	2.96	0.0619	167	0.431	710	0.0177	0.000954	0.0000115	0.0199	0.0289	0.788	0.05	0.0000184	185	0.000136	0.0183	0.00112	0.00996	0.0422	0.0000589	34.4	63.8	0.383	0.0136	116	0.0628	0.014	0.000144	0.00348	0.00231	1.73	0.00000777	0.00642	0.00247	0.00468	0.000827
2051 Sep	1330	0.595	3.07	0.0606	173	0.458	722	0.0161	0.000854	0.0000116	0.0207	0.0282	0.83	0.052	0.0000185	184	0.000144	0.0194	0.00116	0.0106	0.0406	0.0000622	35.3	67	0.39	0.014	120	0.067	0.0127	0.000133	0.00365	0.00232	1.81	0.00000762	0.00681	0.00258	0.00478	0.000753
2051 Oct	1270	0.561	2.83	0.0595	160	0.427	696	0.0171	0.000926	0.0000113	0.0197	0.0282	0.777	0.0493	0.000018	181	0.000134	0.0181	0.0011	0.00985	0.0408	0.0000582	33.8	62.9	0.374	0.0134	111	0.062	0.0146	0.000124	0.00341	0.00226	1.7	0.00000759	0.00634	0.00241	0.00455	0.000798
2051 Nov	1270	0.557	2.8	0.0601	158	0.422	699	0.0177	0.000956	0.0000113	0.0196	0.0287	0.771	0.0489	0.0000181	182	0.000133	0.0179	0.00109	0.00975	0.041	0.0000576	33.8	62.4	0.374	0.0134	110	0.0613	0.0147	0.000123	0.00339	0.00228	1.69	0.00000769	0.00627	0.00239	0.00453	0.000829
2051 Dec	1270	0.557	2.8	0.0603	158	0.422	700	0.0178	0.000961	0.0000113	0.0196	0.0288	0.77	0.0489	0.0000181	183	0.000133	0.0179	0.00109	0.00973	0.041	0.0000575	33.9	62.4	0.374	0.0134	110	0.0612	0.0147	0.000123	0.00339	0.00228	1.69	0.0000077	0.00627	0.00238	0.00453	0.000834
2052 Jan	1270	0.556	2.79	0.0605	158	0.421	701	0.018	0.000967	0.0000114	0.0196	0.0289	0.769	0.0488	0.0000181	183	0.000133	0.0179	0.00109	0.00972	0.0411	0.0000575	33.9	62.4	0.375	0.0134	110	0.061	0.0147	0.000123	0.00339	0.00229	1.69	0.00000773	0.00626	0.00238	0.00453	0.000841
2052 Feb	1280	0.556	2.79	0.0608	157	0.42	703	0.0182	0.000977	0.0000114	0.0195	0.0291	0.769	0.0488	0.0000182	184	0.000132	0.0178	0.00109	0.00969	0.0411	0.0000573	34	62.3	0.376	0.0134	110	0.0609	0.0147	0.000123	0.00338	0.0023	1.69	0.00000777	0.00625	0.00238	0.00453	0.000854
2052 Mar	1280	0.556	2.78	0

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2054 Dec	1330	0.441	2.1	0.0602	118	0.441	786	0.0226	0.0011	0.0000121	0.0202	0.034	0.821	0.0518	0.0000199	209	0.000139	0.0189	0.00118	0.0102	0.0442	0.0000599	37.5	66.8	0.418	0.0148	85.7	0.0639	0.0116	0.000161	0.00362	0.0026	1.81	0.00000875	0.00661	0.00253	0.0048	0.00106
2055 Jan	1330	0.441	2.1	0.0603	118	0.44	786	0.0227	0.0011	0.0000121	0.0201	0.0341	0.82	0.0517	0.0000199	209	0.000139	0.0189	0.00118	0.0101	0.0442	0.0000598	37.5	66.8	0.418	0.0148	85.6	0.0638	0.0116	0.000161	0.00362	0.00261	1.81	0.00000877	0.00661	0.00253	0.0048	0.00107
2055 Feb	1330	0.441	2.09	0.0605	118	0.439	787	0.0228	0.00111	0.0000121	0.0201	0.0342	0.819	0.0517	0.0000199	209	0.000139	0.0189	0.00118	0.0101	0.0443	0.0000597	37.6	66.7	0.418	0.0148	85.5	0.0637	0.0116	0.000161	0.00362	0.00261	1.81	0.00000879	0.0066	0.00253	0.0048	0.00107
2055 Mar	1330	0.441	2.09	0.0607	117	0.439	788	0.023	0.00111	0.0000122	0.0201	0.0343	0.819	0.0517	0.0000199	210	0.000138	0.0188	0.00118	0.0101	0.0444	0.0000597	37.6	66.7	0.419	0.0148	85.5	0.0636	0.0116	0.000161	0.00361	0.00262	1.81	0.00000881	0.00659	0.00252	0.0048	0.00108
2055 Apr	1330	0.441	2.09	0.0609	117	0.439	790	0.0231	0.00112	0.0000122	0.0201	0.0344	0.819	0.0517	0.00002	210	0.000138	0.0188	0.00118	0.0101	0.0445	0.0000596	37.7	66.7	0.419	0.0148	85.5	0.0636	0.0116	0.000162	0.00362	0.00262	1.81	0.00000884	0.00659	0.00252	0.0048	0.00109
2055 May	1340	0.442	2.09	0.0614	118	0.44	794	0.0234	0.00113	0.0000122	0.0202	0.0347	0.821	0.0518	0.0000201	212	0.000139	0.0189	0.00119	0.0101	0.0447	0.0000598	37.9	67	0.422	0.0149	85.8	0.0637	0.0117	0.000162	0.00363	0.00264	1.81	0.0000089	0.00661	0.00253	0.00482	0.0011
2055 Jun	1130	0.367	1.72	0.0519	97.5	0.367	666	0.0202	0.00112	0.000011	0.0179	0.0295	0.684	0.0447	0.0000176	179	0.000119	0.0157	0.001	0.00848	0.0436	0.0000511	31.8	55.8	0.355	0.0124	71.1	0.0528	0.0166	0.000149	0.00305	0.00223	1.52	0.00000782	0.00548	0.00218	0.00434	0.000943
2055 Jul	1150	0.354	1.6	0.0561	90.1	0.349	688	0.0236	0.00126	0.0000112	0.0175	0.0323	0.662	0.043	0.0000182	189	0.000114	0.015	0.00098	0.00803	0.0439	0.0000489	32.4	54.4	0.361	0.0126	67.7	0.0498	0.0166	0.000142	0.00297	0.00234	1.48	0.00000837	0.00524	0.00209	0.00433	0.0011
2055 Aug	1220	0.375	1.75	0.055	98.2	0.402	729	0.0218	0.00113	0.0000116	0.019	0.0321	0.751	0.0473	0.0000189	195	0.000129	0.0172	0.00108	0.00926	0.0422	0.0000553	34.8	61.2	0.385	0.0136	72.5	0.0581	0.0138	0.000134	0.00334	0.00243	1.66	0.00000836	0.00603	0.00233	0.0046	0.00102
2055 Sep	1250	0.384	1.82	0.054	102	0.43	749	0.0207	0.00104	0.0000118	0.0198	0.0318	0.797	0.0494	0.0000191	197	0.000136	0.0184	0.00113	0.00991	0.0409	0.0000586	35.9	64.6	0.397	0.0141	74.6	0.0624	0.0121	0.000128	0.00352	0.00247	1.75	0.00000832	0.00644	0.00245	0.00472	0.000973
2055 Oct	1280	0.386	1.8	0.0571	101	0.427	772	0.0228	0.00112	0.0000012	0.0198	0.0338	0.798	0.0493	0.0000196	205	0.000136	0.0183	0.00113	0.00983	0.0412	0.0000583	36.8	64.9	0.406	0.0144	74.6	0.0619	0.0117	0.000127	0.00353	0.00257	1.76	0.00000087	0.00642	0.00244	0.00475	0.00107
2055 Nov	1290	0.386	1.79	0.0582	100	0.425	779	0.0235	0.00115	0.0000121	0.0197	0.0344	0.797	0.0491	0.0000198	207	0.000135	0.0183	0.00113	0.00977	0.0414	0.0000558	37	64.8	0.409	0.0145	74.4	0.0615	0.0116	0.000127	0.00353	0.0026	1.76	0.00000883	0.00639	0.00243	0.00476	0.00111
2055 Dec	1290	0.386	1.79	0.0583	99.8	0.425	779	0.0236	0.00115	0.0000121	0.0197	0.0345	0.796	0.0491	0.0000198	208	0.000135	0.0182	0.00113	0.00976	0.0415	0.0000579	37	64.8	0.409	0.0145	74.4	0.0614	0.0116	0.000126	0.00352	0.0026	1.76	0.00000885	0.00638	0.00243	0.00476	0.00111
2056 Jan	1290	0.386	1.79	0.0585	99.7	0.424	780	0.0237	0.00116	0.0000121	0.0197	0.0346	0.795	0.049	0.0000198	208	0.000135	0.0182	0.00113	0.00974	0.0415	0.0000579	37.1	64.8	0.409	0.0145	74.3	0.0613	0.0116	0.000126	0.00352	0.0026	1.75	0.00000887	0.00638	0.00243	0.00476	0.00112
2056 Feb	1290	0.386	1.78	0.0587	99.5	0.424	781	0.0239	0.00116	0.0000121	0.0197	0.0347	0.795	0.049	0.0000199	208	0.000135	0.0182	0.00113	0.00973	0.0416	0.0000578	37.1	64.7	0.41	0.0145	74.3	0.0612	0.0116	0.000127	0.00352	0.00261	1.75	0.00000889	0.00637	0.00243	0.00476	0.00112
2056 Mar	1290	0.386	1.78	0.0589	99.4	0.423	782	0.024	0.00117	0.0000121	0.0197	0.0348	0.794	0.049	0.0000199	209	0.000134	0.0182	0.00113	0.00972	0.0416	0.0000577	37.1	64.7	0.41	0.0146	74.3	0.0611	0.0116	0.000127	0.00352	0.00261	1.75	0.00000891	0.00636	0.00242	0.00476	0.00113
2056 Apr	1300	0.386	1.78	0.0591	99.4	0.423	784	0.0241	0.00117	0.0000121	0.0197	0.035	0.795	0.049	0.0000199	210	0.000134	0.0182	0.00113	0.00972	0.0417	0.0000577	37.2	64.8	0.411	0.0146	74.3	0.0611	0.0116	0.000127	0.00352	0.00262	1.75	0.00000894	0.00636	0.00243	0.00476	0.00114
2056 May	1270	0.378	1.73	0.058	97.2	0.412	766	0.0238	0.00118	0.0000012	0.0194	0.0343	0.774	0.0489	0.0000196	206	0.000131	0.0177	0.00112	0.00948	0.044	0.0000564	36.4	63.2	0.404	0.0142	72.6	0.0594	0.0129	0.000151	0.00344	0.00257	1.71	0.00000881	0.00619	0.0024	0.00469	0.00112
2056 Jun	1110	0.332	1.47	0.0508	84.9	0.354	665	0.0213	0.00117	0.0000011	0.0174	0.0303	0.664	0.0471	0.0000176	184	0.000115	0.0152	0.00105	0.00824	0.0526	0.0000494	31.7	54.7	0.363	0.0123	62.7	0.0508	0.0183	0.00025	0.00297	0.00225	1.49	0.00000794	0.0053	0.00221	0.00427	0.000994
2056 Jul	1180	0.34	1.47	0.0566	84.1	0.362	719	0.0248	0.00129	0.0000115	0.0178	0.0339	0.688	0.0475	0.0000188	200	0.000117	0.0156	0.00107	0.00838	0.0522	0.0000504	33.9	56.8	0.386	0.0131	63.7	0.0517	0.0169	0.000235	0.00308	0.00246	1.55	0.00000868	0.00544	0.00224	0.00441	0.00116
2056 Aug	1220	0.352	1.63	0.0513	92.1	0.427	742	0.0204	0.00104	0.0000117	0.0197	0.0316	0.791	0.0515	0.000019	197	0.000135	0.0183	0.00116	0.00989	0.0466	0.0000583	35.7	64.4	0.401	0.014	67.7	0.0621	0.0133	0.000196	0.0035	0.00245	1.75	0.00000824	0.0064	0.0025	0.00468	0.000959
2056 Sep	1260	0.361	1.72	0.0489	97.1	0.467	762	0.0182	0.000898	0.0000119	0.0208	0.0306	0.855	0.0541	0.0000192	197	0.000146	0.02	0.00122	0.0108	0.0434	0.0000632	37	69.2	0.413	0.0146	70.3	0.0684	0.0109	0.000172	0.00376	0.00247	1.87	0.00000807	0.00699	0.00267	0.00486	0.000857
2056 Oct	1270	0.36	1.69	0.0506	95.3	0.46	770	0.0195	0.00095	0.0000119	0.0206	0.0316	0.847	0.0534	0.0000194	201	0.000144	0.0197	0.00121	0.0106	0.0434	0.0000623	37.2	68.7	0.415	0.0147	69.6	0.0673	0.0108	0.000169	0.00372	0.00251	1.86	0.00000827	0.00689	0.00263	0.00484	0.000919
2056 Nov	1270	0.359	1.68	0.051	94.6	0.456	770	0.0198	0.000966	0.0000119	0.0205	0.0318	0.841	0.0531	0.0000194	201	0.000143	0.0195	0.00121	0.0106	0.0435	0.0000618	37.2	68.3	0.414	0.0147	69.2	0.0667	0.011	0.000168	0.0037	0.00252	1.85	0.00000083	0.00684	0.00261	0.00482	0.000933
2056 Dec	1270	0.359	1.68	0.0512	94.4	0.456	771	0.02	0.000973	0.0000012	0.0205	0.0319	0.84	0.0531	0.0000194	201	0.000143	0.0195	0.00121	0.0105	0.0436	0.0000617	37.2	68.2	0.415	0.0147	69.2	0.0665	0.011	0.000167	0.0037	0.00252	1.85	0.00000833	0.00683	0.00261	0.00482	0.000941
2057 Jan	1270	0.359	1.67	0.0514	94.2	0.455	772	0.0201	0.000979	0.0000012	0.0205	0.0321	0.839	0.053	0.0000195	202	0.000143	0.0195	0.00121	0.0105	0.0436	0.0000616	37.2	68.2	0.415	0.0147	69.1	0.0664	0.011	0.000167	0.00369	0.00253	1.84	0.00000835	0.00682	0.00261	0.00482	0.000948
2057 Feb	1270	0.359	1.67	0.0516	94.1	0.454	773	0.0203	0.000984	0.0000012	0.0205	0.0322	0.839	0.053	0.0000195	202	0.000143	0.0195	0.0012	0.0105	0.0437	0.0000616	37.2	68.1	0.415	0.0147	69.1	0.0663	0.011	0.000167	0.00369	0.00253	1.84	0.00000838	0.00681	0.0026	0.00482	0.000954
2057 Mar	1270	0.359	1.67	0.0519	94	0.454	775	0.0205	0.000993	0.0000012	0.0205	0.0324	0.838	0.0529	0.0000195	203	0.000143	0.0194	0.00121	0.0105	0.0437	0.0000615	37.3	68.1	0.416	0.0147	69.1	0.0662	0.011	0.000167	0.00369	0.00254	1.84	0.00000841	0.00681	0.0026	0.00482	0.000964
2057 Apr	1280	0.359	1.67	0.0523	93.9	0.454	778	0.0207	0.001	0.0000012	0.0205	0.0326	0.839	0.0529	0.0000196	204	0.000143	0.0194	0.00121	0.0105	0.0438	0.0000615	37.4	68.1	0.417	0.0148	69.1	0.0661	0.011	0.000167	0.00369	0.00255	1.84	0.00000846	0.0068	0.0026	0.00483	0.000975
2057 May	1280	0.361	1.67	0.0527	94.1	0.454	781	0.0209	0.00101	0.0000121	0.0205	0.0328	0.841	0.0531	0.0000197	205	0.000143	0.0195	0.00121	0.0105	0.0442	0.0000616	37.6	68.3	0.419	0.0148	69.3	0.0663	0.0111	0.000169	0.0037	0.00257	1.85	0.00000851	0.00682	0.00261	0.00484	0.000984
2057 Jun	1100	0.307	1.39	0.046	79.4	0.38	665	0.0189	0.00104	0.000011	0.0182	0.0287	0.702	0.0474	0.0000175	178	0.000122	0.0162	0.00105	0.00882	0.0471	0.0000526	32	57.4	0.362	0.0125	58.5	0.055	0.0165	0.000198	0.00312	0.00221	1.56	0.00000763	0.00567	0.00228	0.00436	0.000881
2057 Jul	1130	0.308	1.36	0.0492	77.7	0.378	689	0.0209	0.00113	0.0000112	0.0182	0.0306	0.705	0.0471	0.0000181	186	0.000122	0.0162	0.00106	0.00875	0.0471	0.0000523	32.9	57.7	0.371	0.0129	58.3	0.0545	0.0161	0.000191	0.00314	0.00231	1.57	0.00000803	0.00565	0.00227	0.00441	0.000981
2057 Aug	1200	0.322	1.52	0.0447	85.9	0.453	730	0.0171	0.000879	0.0000116	0.0204	0.029	0.826	0.0525	0.0000186	188	0.000142	0.0193	0.00118	0.0105	0.0427	0.0000615	35.5	66.9	0.397	0.0141	62.5	0.0664	0.0121	0.000164	0.00364	0.00236	1.81	0.00000776	0.00676	0.00259	0.00476	0.0008
2057 Sep	1230	0.326	1.53	0.0471	85.9	0.459	756	0.0185	0.000921	0.0000118	0.0206	0.0306	0.842	0.0529	0.0000191	196	0.000144	0.0196	0.0012	0.0106	0.0424	0.0000623	36.6	68.2	0.408	0.0145	63.1	0.0672	0.0113	0.000158	0.00371	0.00246	1.84	0.00000807	0.00687	0.00262	0.00484	0.000869
2057 Oct	1250	0.327	1.5	0.0502	84.1	0.452	774	0.0206	0.001	0.0000012	0.0205	0.0324	0.836	0.0523	0.0000195	203	0.000142	0.0194	0.00119	0.0104	0.0427	0.0000613	37.2	67.8	0.414	0.0147	62.8	0.0659	0.011	0.000155	0.00368	0.00254	1.83	0.00000843	0.00678	0.00259	0.00484	0.000968
2057 Nov	1270	0.328	1.48	0.052	83	0.446	783	0.0218	0.00106	0.0000121	0.0203	0.0334	0.829	0.0518	0.0000198	206	0.000141	0.0192	0.00119	0.0103	0.043	0.0000606	37.5	67.4	0.417	0.0148	62.5	0.0649	0.0111	0.000154	0.00366	0.00258	1.82	0.00000863	0.0067	0.00256	0.00483	0.00103
2057 Dec	1270	0.328	1.48	0.0521	82.8	0.446	783	0.0219	0.00106	0.0000121	0.0203	0.0335	0.828	0.0518	0.0000198	207	0.000141	0.0191	0.00119	0.0103	0.0431	0.0000605	37.5	67.3	0.417	0.0148	62.4	0.0648	0.0111	0.000154	0.00366	0.00259	1.82	0.00000865	0.00669	0.00255	0.00483	0.00103
2058 Jan	1270	0.328	1.48	0.0523	82.8	0.445	784	0.022	0.00106	0.0000121	0.0203	0.0336	0.828	0.0518	0.0000198	207	0.000141	0.0191	0.00119	0.0103	0.0431	0.0000605	37.5	67.3	0.417	0.0148	62.4	0.0647	0.0111	0.000154	0.00365	0.00259	1.82	0.00000866	0.00669	0.00255	0.00483	0.00104
2058 Feb	1270	0.328	1.48	0.0524	82.7	0.445	785	0.0221	0.00107	0.0000121	0.0203	0.0337	0.827	0.0517	0.0000198	207	0.00014	0.0191	0.00119	0.0103	0.0432	0.0000604	37.6	67.3	0.417	0.0148	62.4	0.0646	0.0111	0.000154	0.00365	0.00259	1.82	0.00000868	0.00668	0.00255	0.00483	0.00104
2058 Mar	1270	0.328	1.47	0.0527	82.5	0.444	786	0.0223	0.00108	0.0000121	0.0203	0.0338	0.827	0.0517	0.0000199	208	0.00014	0.0191	0.00119	0.0102	0.0432	0.0000603	37.6	67.2	0.418	0.0148	62.4	0.0645	0.0111	0.000154	0.00365	0.0026	1.82	0.00000871	0.00667	0.00255	0.00483	0.00105
2058 Apr	1270	0.328	1.47	0.0529	82.5	0.444	788	0.0224	0.00108	0.0000121	0.0203	0.034	0.827	0.0517	0.0000199	208	0.00014	0.0191	0.00119	0.0102	0.0433	0.0000603	37.7	67.3	0.419	0.0148	62.4	0.0645	0.0111	0.000154	0.00365	0.00261	1.82	0.00000874	0.00667	0.00255	0.00483	0.00106
2058 May	1220	0.317	1.41	0.0508	79.9	0.426	756	0.0216	0.00108	0.0000119	0.0197	0.0327	0.793	0.0514	0.0000193	201	0.000135	0.0183	0.00117	0.00987	0.0466	0.0000582	36.2	64.7	0.406	0.0142	60.1	0.0619	0.0131	0.00019	0.00351	0.00251	1.75	0.00000847	0.0064	0.0025	0.00471	0.00101
2058 Jun	993	0.261	1.09	0.042	64.9	0.334	608	0.0185	0.00109	0.0000104	0.0167	0.0272	0.621	0.0477	0.0000164	169	0.000109	0.0143	0.00103	0.00787	0.0581	0.0000471	29.3	51.5	0.344	0.0113	48	0.0482	0.0209	0.000322	0.00279	0.00205	1.41	0.00000727	0.00499	0.00218	0.00406	0.000862
2058 Jul	1070	0.27	1.11	0.047	65.1	0.35	663	0.0214	0.00118	0.0000109	0.0172	0.0304	0.657	0.0482	0.0000176	184	0.000114	0.015	0.00107	0.00817	0.0563	0.0000489	31.6	54.4	0.366	0.0123	49.5	0.0502	0.0189	0.000295	0.00295	0.00225	1.48	0.00000794	0.00524	0.00223	0.00423	0.001
2058 Aug	1140	0.281	1.26	0.0424	72.5	0.426	704	0.0175	0.000922	0.0000113	0.0195	0.0288	0.78	0.0525	0.0000181	185	0.000135	0.0182	0.00117	0.00992	0.0489	0.0000581	34.2	63.6	0.389	0.0135	53.4	0.0623	0.0142	0.000235	0.00345	0.0023	1.72	0.00000765	0.00636	0.00253	0.00458	0.00082
2058 Sep	1170	0.285	1.29	0.0425	73.7	0.443	723	0.0173	0.000885	0.0000114	0.02	0.0291	0.811	0.0533	0.0000184	188	0.00014	0.019	0.00119	0.0103	0.0465	0.0000603	35.2	65.9	0.397	0.0139	54.2	0.065	0.0126	0.000212	0.00357	0.00235	1.78	0.00000772	0.00663	0.00259	0.00467	0.000812
2058 Oct	1200	0.288	1.27	0.046	72.2	0.439	746	0.0196	0.00097	0.0000116	0.0199	0.0311	0.809	0.0526	0.0000189	196	0.000138	0.0188	0.00119	0.0102	0.0463	0.0000596	36	65.9	0.405	0.0142	54.2	0.064	0.0121	0.000202	0.00357	0.00245	1.78	0.00000812	0.00657	0.00256	0.00469	0.000921
2058 Nov	1220	0.289	1.26	0.0483	71.3	0.434	760	0.0211	0.00103	0.0000118	0.0198	0.0325	0.806	0.0522	0.0000192	202	0.000137	0.0186	0.00119	0.0101	0.0465	0.000059	36.5	65.7	0.41	0.0143	54.2	0.0632	0.0119	0.0002	0.00356	0.00251	1.78	0.00000839	0.00652	0.00254	0.0047	0.000994
2058 Dec	1220	0.29	1.26	0.0485	71.2	0.434	761	0.0212	0.00104	0.0000118	0.0198	0.0326	0.805	0.0522	0.0000193	202	0.000137	0.0186	0.00119	0.01	0.0465	0.0000589	36.5	65.7	0.411	0.0144	54.2	0.0631	0.0119	0.0002	0.00356	0.00252	1.78	0.00000841	0.00651	0.00254	0.0047	0.000999
2059 Jan	1220	0.29	1.25	0.0487	71.1	0.433	762	0.0214	0.00104	0.0000118	0.0198	0.0327	0.805	0.0522	0.0000193	203	0.000137	0.0186	0.00119	0.01	0.0465	0.0000589	36.6	65.6	0.411	0.0144	54.2	0.063	0.0119	0.000199	0.00355	0.00252	1.78	0.00000844	0.0065	0.00253	0.0047	0.00101
2059 Feb	1220	0.29	1.25	0.0489	71	0.432	764	0.0215	0.00105	0.0000118	0.0197	0.0328	0.804	0.0521	0.0000193	203	0.000137	0.0186	0.00119	0.01	0.0466	0.0000588	36.6	65.6	0.411	0.0144	54.2	0.0629	0.0119	0.000199	0.00355	0.00253	1.78	0.00000846	0.0065	0.00253	0.0047	0.00101
2059 Mar	1220	0.29	1.25	0.0491	70.9	0.432	765	0.0217	0.00105	0.0000118	0.0197	0.0329	0.804	0.0521	0.0000193	203	0.000137	0.0186	0.00119	0.01	0.0466	0.0000587	36.6	65.6	0.412	0.0144	54.2	0.0628	0.0119	0.000199	0.00355	0.00253	1.78	0.00000848	0.00649	0.00253	0.0047	0.00102
2059 Apr	1220	0.29	1.25	0.0494	70.9	0.432	767	0.0218	0.00106	0.0000119	0.0197	0.0331	0.804	0.0521	0.0000194	204	0.000137	0.0186	0.00119	0.00999	0.0467	0.0000587	36.7	65.6	0.413	0.0144	54.3	0.0628	0.0119	0.000199	0.00355	0.00254	1.78	0.00000852	0.00649	0.00253	0.0047	0.00103
2059 May	1210	0.288	1.23	0.0491	70.2	0.426	759	0.0218	0.00107	0.0000118	0.0196	0.0329	0.793	0.052	0.0000193	203	0.000135	0.0183	0.00118	0.00987	0.048	0.0000558	36.3	64.8	0.41	0.0143	53.7	0.0619	0.0126	0.000212	0.00351	0.00252	1.76	0.00000848	0.0064	0.00251	0.00468	0.00103
2059 Jun	1120	0.268	1.1	0.0466	64.3	0.382	699	0.0212	0.00112	0.0000112	0.0182	0.0311	0.714	0.0503	0.0000182	191	0.000123	0.0164	0.00112	0.00891	0.0538	0.0000528	33.5	58.8	0.384	0.013	49.1	0.0553	0.0165	0.000272	0.00318	0.00235	1.6	0.00000809	0.00573	0.00237	0.00441	0.000993
2059 Jul	1190	0.277	1.09	0.0534	63.2	0.378	747	0.0254	0.00129	0.0000118	0.0183	0.0351	0.719	0.0501	0.0000194	208	0.000122	0.0163	0.00113	0.00877	0.055	0.0000523	35.3	59.4	0.404	0.0137	50.1	0.0542	0.0162	0.000268	0.00321	0.00255	1.62	0.00000891	0.0057	0.00235	0.00451	0.00119
2059 Aug	1220	0.279	1.15	0.0507	65.8	0.419	769	0.0233	0.00115	0.0

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2062 Jun	984	0.189	0.735	0.0363	42.6	0.367	631	0.0174	0.000984	0.0000105	0.0176	0.0269	0.674	0.0448	0.0000167	168	0.000117	0.0156	0.000994	0.0085	0.0431	0.0000507	30.4	55	0.341	0.012	33.8	0.053	0.0164	0.00016	0.00299	0.00208	1.49	0.00000721	0.00546	0.00216	0.00417	0.000811
2062 Jul	978	0.184	0.681	0.0395	39.2	0.341	630	0.0198	0.00111	0.0000105	0.0169	0.0284	0.636	0.0423	0.0000168	171	0.000111	0.0146	0.000946	0.00788	0.0432	0.0000476	30	52.1	0.336	0.0117	32.6	0.0488	0.0172	0.000151	0.00284	0.00212	1.42	0.00000752	0.00508	0.00204	0.0041	0.000923
2062 Aug	1030	0.184	0.748	0.035	42.5	0.405	665	0.0164	0.000887	0.0000108	0.0187	0.027	0.74	0.047	0.0000172	173	0.000128	0.0172	0.00105	0.00937	0.0395	0.0000553	32.3	59.9	0.358	0.0128	33.7	0.059	0.0132	0.000134	0.00326	0.00216	1.62	0.00000726	0.00603	0.00232	0.00437	0.00077
2062 Sep	1050	0.184	0.77	0.0331	43.5	0.43	679	0.0151	0.000794	0.0000108	0.0193	0.0265	0.78	0.0488	0.0000173	173	0.000135	0.0183	0.00109	0.00994	0.0377	0.0000583	33.1	63	0.367	0.0132	34	0.063	0.0115	0.000124	0.00342	0.00218	1.7	0.00000715	0.0064	0.00242	0.00446	0.00071
2062 Oct	980	0.18	0.69	0.033	39.8	0.388	633	0.0156	0.000868	0.0000104	0.0181	0.0257	0.704	0.0451	0.0000165	165	0.000122	0.0164	0.000999	0.00895	0.0381	0.0000529	30.7	57	0.339	0.0122	31.4	0.0562	0.0147	0.000111	0.00309	0.00206	1.54	0.00000695	0.00574	0.00218	0.00414	0.00073
2062 Nov	989	0.182	0.683	0.0347	39.3	0.382	640	0.0167	0.000916	0.0000105	0.0179	0.0266	0.698	0.0447	0.0000167	168	0.00012	0.0162	0.000994	0.00882	0.0385	0.0000522	30.9	56.6	0.342	0.0122	31.5	0.0552	0.0148	0.000111	0.00307	0.00209	1.53	0.00000713	0.00567	0.00216	0.00413	0.000782
2062 Dec	996	0.183	0.681	0.0355	39.1	0.381	645	0.0173	0.000938	0.0000105	0.0179	0.0271	0.696	0.0446	0.0000168	170	0.00012	0.0161	0.000993	0.00877	0.0386	0.000052	31.1	56.5	0.343	0.0123	31.6	0.0549	0.0148	0.00011	0.00306	0.00212	1.53	0.00000722	0.00565	0.00215	0.00413	0.000807
2063 Jan	998	0.183	0.68	0.0358	39	0.38	646	0.0174	0.000946	0.0000105	0.0179	0.0272	0.696	0.0446	0.0000168	170	0.00012	0.0161	0.000993	0.00876	0.0387	0.0000519	31.1	56.5	0.344	0.0123	31.6	0.0548	0.0148	0.000111	0.00306	0.00212	1.53	0.00000726	0.00564	0.00215	0.00413	0.000816
2063 Feb	1000	0.184	0.679	0.0362	39	0.38	648	0.0177	0.000954	0.0000105	0.0179	0.0274	0.695	0.0445	0.0000169	171	0.00012	0.0161	0.000993	0.00874	0.0388	0.0000519	31.2	56.5	0.345	0.0123	31.7	0.0547	0.0148	0.000111	0.00306	0.00213	1.53	0.00000729	0.00563	0.00214	0.00414	0.000827
2063 Mar	1000	0.184	0.679	0.0366	38.9	0.379	651	0.0179	0.000964	0.0000106	0.0179	0.0277	0.695	0.0445	0.0000169	172	0.000119	0.0161	0.000993	0.00872	0.0389	0.0000518	31.3	56.5	0.346	0.0124	31.7	0.0546	0.0147	0.000111	0.00306	0.00214	1.53	0.00000734	0.00562	0.00214	0.00414	0.000839
2063 Apr	1010	0.185	0.678	0.037	38.9	0.378	653	0.0182	0.000974	0.0000106	0.0179	0.0279	0.695	0.0445	0.0000017	173	0.000119	0.016	0.000994	0.00871	0.039	0.0000517	31.4	56.5	0.347	0.0124	31.8	0.0545	0.0147	0.000111	0.00306	0.00216	1.53	0.00000738	0.00562	0.00214	0.00414	0.00085
2063 May	996	0.184	0.664	0.0369	38.5	0.371	645	0.0182	0.000992	0.0000105	0.0176	0.0277	0.682	0.0445	0.0000169	172	0.000117	0.0157	0.00099	0.00855	0.0409	0.0000508	31	55.5	0.344	0.0122	31.4	0.0533	0.0156	0.00013	0.00301	0.00213	1.51	0.00000736	0.0055	0.00212	0.00411	0.000852
2063 Jun	802	0.152	0.505	0.031	31.9	0.286	513	0.0158	0.00103	0.00000928	0.0149	0.023	0.526	0.0402	0.0000144	143	0.000094	0.0121	0.000854	0.00669	0.0496	0.0000408	24.8	43.4	0.286	0.00962	25.4	0.0407	0.0224	0.00023	0.00236	0.00173	1.19	0.00000635	0.00421	0.00183	0.00359	0.000729
2063 Jul	918	0.164	0.542	0.0371	32.6	0.317	595	0.0192	0.0011	0.00001	0.0159	0.0272	0.591	0.0419	0.0000016	164	0.000103	0.0135	0.000923	0.00735	0.0473	0.0000444	28.3	48.7	0.322	0.011	27.6	0.0452	0.0188	0.000202	0.00265	0.00201	1.33	0.00000721	0.00471	0.00196	0.00386	0.000896
2063 Aug	1010	0.165	0.663	0.0304	38.2	0.422	659	0.0142	0.000764	0.0000106	0.019	0.0254	0.765	0.0492	0.0000169	169	0.000133	0.018	0.00109	0.00981	0.0403	0.0000574	32.3	61.8	0.361	0.0128	29.9	0.062	0.0124	0.000158	0.00336	0.00211	1.67	0.00000691	0.00629	0.00242	0.00438	0.000665
2063 Sep	1050	0.167	0.688	0.03	39.2	0.447	683	0.0138	0.000709	0.0000108	0.0197	0.0257	0.807	0.0507	0.0000172	172	0.000139	0.019	0.00113	0.0104	0.0381	0.0000603	33.5	65	0.373	0.0134	30.5	0.0658	0.0105	0.00014	0.00353	0.00217	1.76	0.00000697	0.00666	0.00251	0.0045	0.000645
2063 Oct	1070	0.171	0.676	0.0332	38.3	0.436	696	0.0158	0.000795	0.0000109	0.0194	0.0274	0.794	0.0498	0.0000176	178	0.000136	0.0186	0.00112	0.0101	0.0385	0.000059	33.9	64.2	0.377	0.0135	30.7	0.064	0.0105	0.000137	0.00348	0.00224	1.73	0.00000729	0.00651	0.00246	0.00448	0.000743
2063 Nov	1070	0.171	0.671	0.0337	38	0.432	696	0.0162	0.000815	0.0000109	0.0193	0.0276	0.788	0.0495	0.0000176	179	0.000135	0.0184	0.00111	0.01	0.0387	0.0000585	33.8	63.7	0.376	0.0134	30.7	0.0633	0.0108	0.000136	0.00346	0.00225	1.72	0.00000734	0.00645	0.00244	0.00446	0.00076
2063 Dec	1070	0.171	0.67	0.0338	37.9	0.432	696	0.0162	0.000818	0.0000109	0.0193	0.0276	0.787	0.0495	0.0000176	179	0.000135	0.0184	0.00111	0.00999	0.0387	0.0000584	33.8	63.7	0.376	0.0134	30.7	0.0632	0.0109	0.000136	0.00345	0.00225	1.72	0.00000735	0.00645	0.00244	0.00446	0.000762
2064 Jan	1070	0.172	0.669	0.0339	37.9	0.432	697	0.0163	0.000822	0.000011	0.0193	0.0277	0.787	0.0494	0.0000176	179	0.000135	0.0184	0.00111	0.00998	0.0388	0.0000584	33.9	63.6	0.376	0.0134	30.7	0.0631	0.0109	0.000136	0.00345	0.00225	1.72	0.00000737	0.00644	0.00243	0.00446	0.000767
2064 Feb	1070	0.172	0.669	0.0342	37.9	0.431	698	0.0165	0.000828	0.000011	0.0193	0.0278	0.786	0.0494	0.0000177	180	0.000135	0.0184	0.00111	0.00997	0.0388	0.0000583	33.9	63.6	0.376	0.0134	30.7	0.063	0.0109	0.000136	0.00345	0.00226	1.72	0.00000739	0.00643	0.00243	0.00446	0.000774
2064 Mar	1070	0.172	0.669	0.0344	37.9	0.431	699	0.0166	0.000834	0.000011	0.0193	0.028	0.786	0.0494	0.0000177	180	0.000135	0.0183	0.00111	0.00996	0.0389	0.0000583	34	63.6	0.377	0.0135	30.8	0.063	0.0109	0.000136	0.00345	0.00226	1.72	0.00000742	0.00643	0.00243	0.00446	0.000781
2064 Apr	1070	0.173	0.669	0.0347	37.8	0.43	701	0.0168	0.000842	0.000011	0.0193	0.0282	0.786	0.0494	0.0000177	181	0.000135	0.0183	0.00111	0.00995	0.039	0.0000582	34	63.6	0.378	0.0135	30.8	0.0629	0.0109	0.000136	0.00345	0.00227	1.72	0.00000746	0.00642	0.00243	0.00447	0.00079
2064 May	1030	0.168	0.634	0.0336	36.9	0.408	669	0.0164	0.000866	0.0000107	0.0186	0.0271	0.745	0.049	0.0000172	175	0.000128	0.0174	0.00109	0.00948	0.0431	0.0000556	32.5	60.6	0.365	0.0128	29.7	0.0596	0.0132	0.000179	0.00328	0.00218	1.64	0.00000724	0.00608	0.00237	0.00433	0.000767
2064 Jun	888	0.154	0.513	0.0319	32.7	0.329	572	0.0162	0.000979	0.00000983	0.0161	0.0248	0.604	0.0462	0.0000154	158	0.000106	0.014	0.000994	0.00773	0.0547	0.000046	27.7	49.9	0.325	0.0108	26	0.0475	0.02	0.000301	0.0027	0.00191	1.36	0.00000672	0.00488	0.00211	0.00386	0.000755
2064 Jul	968	0.161	0.544	0.0348	33.4	0.359	628	0.0178	0.000991	0.0000104	0.0171	0.0272	0.663	0.0477	0.0000165	171	0.000115	0.0153	0.00105	0.00839	0.0516	0.0000497	30.3	54.5	0.35	0.0119	27.4	0.052	0.0172	0.000266	0.00295	0.00209	1.48	0.00000721	0.00535	0.00223	0.00409	0.000831
2064 Aug	1020	0.156	0.601	0.0302	35.3	0.424	665	0.0145	0.00077	0.0000107	0.019	0.0258	0.769	0.051	0.0000017	172	0.000133	0.0181	0.00113	0.00988	0.0443	0.0000576	32.6	62.4	0.369	0.0129	27.9	0.0623	0.0126	0.000206	0.00338	0.00214	1.69	0.00000697	0.00632	0.00247	0.00439	0.000679
2064 Sep	1030	0.157	0.598	0.031	34.8	0.427	675	0.0151	0.000781	0.0000107	0.0191	0.0264	0.775	0.0505	0.0000172	174	0.000133	0.0182	0.00112	0.00992	0.0422	0.0000579	33	62.8	0.371	0.0131	27.9	0.0626	0.0117	0.000182	0.0034	0.00218	1.7	0.00000709	0.00636	0.00245	0.0044	0.000706
2064 Oct	1070	0.164	0.595	0.0359	34.1	0.42	705	0.018	0.000898	0.000011	0.0189	0.0291	0.772	0.0499	0.0000179	185	0.000132	0.018	0.00112	0.00973	0.0426	0.000057	34.1	62.8	0.382	0.0135	28.7	0.0613	0.0113	0.000177	0.0034	0.00231	1.7	0.00000763	0.00628	0.00242	0.00443	0.000848
2064 Nov	1090	0.166	0.594	0.0371	34	0.418	713	0.0188	0.000931	0.0000111	0.0189	0.0298	0.771	0.0497	0.000018	188	0.000131	0.0179	0.00112	0.00968	0.0428	0.0000567	34.4	62.7	0.385	0.0135	28.9	0.0609	0.0113	0.000176	0.00339	0.00234	1.7	0.00000777	0.00626	0.00241	0.00444	0.000886
2064 Dec	1090	0.166	0.593	0.0373	34	0.418	713	0.0189	0.000934	0.0000111	0.0189	0.0299	0.771	0.0497	0.0000181	188	0.000131	0.0179	0.00112	0.00967	0.0428	0.0000567	34.4	62.7	0.385	0.0136	28.9	0.0609	0.0113	0.000176	0.00339	0.00234	1.7	0.00000778	0.00625	0.00241	0.00444	0.00089
2065 Jan	1090	0.166	0.593	0.0375	33.9	0.417	714	0.019	0.000939	0.0000111	0.0189	0.03	0.77	0.0497	0.0000181	188	0.000131	0.0179	0.00112	0.00966	0.0428	0.0000566	34.4	62.7	0.386	0.0136	28.9	0.0608	0.0113	0.000176	0.00339	0.00235	1.7	0.0000078	0.00625	0.00241	0.00444	0.000895
2065 Feb	1090	0.167	0.593	0.0377	33.9	0.417	716	0.0192	0.000945	0.0000111	0.0189	0.0301	0.77	0.0497	0.0000181	189	0.000131	0.0178	0.00112	0.00965	0.0429	0.0000565	34.5	62.7	0.386	0.0136	29	0.0607	0.0113	0.000176	0.00339	0.00235	1.7	0.00000783	0.00624	0.00241	0.00444	0.000902
2065 Mar	1090	0.167	0.592	0.0381	33.9	0.416	718	0.0194	0.000955	0.0000112	0.0189	0.0303	0.769	0.0496	0.0000182	190	0.000131	0.0178	0.00112	0.00963	0.043	0.0000565	34.5	62.6	0.387	0.0136	29	0.0606	0.0113	0.000176	0.00339	0.00236	1.7	0.00000787	0.00623	0.0024	0.00445	0.000914
2065 Apr	1100	0.168	0.593	0.0385	33.8	0.416	721	0.0196	0.000964	0.0000112	0.0189	0.0305	0.77	0.0496	0.0000182	190	0.000131	0.0178	0.00112	0.00963	0.0431	0.0000565	34.6	62.7	0.388	0.0136	29.1	0.0605	0.0113	0.000176	0.00339	0.00238	1.7	0.00000792	0.00623	0.0024	0.00445	0.000925
2065 May	1090	0.168	0.582	0.0388	33.6	0.408	714	0.02	0.000992	0.0000112	0.0187	0.0306	0.756	0.0495	0.0000182	190	0.000128	0.0175	0.00112	0.00944	0.0447	0.0000555	34.3	61.7	0.386	0.0135	28.9	0.0592	0.0121	0.000191	0.00334	0.00236	1.67	0.00000793	0.00611	0.00238	0.00442	0.000938
2065 Jun	983	0.156	0.505	0.0372	30.4	0.353	643	0.0196	0.00106	0.0000105	0.017	0.0286	0.657	0.0459	0.0000169	176	0.000113	0.0151	0.00102	0.0082	0.0487	0.0000488	30.8	54	0.352	0.012	26.3	0.0508	0.0162	0.00023	0.00293	0.00216	1.47	0.00000751	0.00527	0.00216	0.0041	0.000915
2065 Jul	1040	0.16	0.521	0.0393	30.5	0.374	684	0.0207	0.00107	0.0000109	0.0177	0.0303	0.699	0.0472	0.0000177	185	0.00012	0.0161	0.00106	0.00868	0.0471	0.0000515	32.7	57.3	0.37	0.0128	27.1	0.0541	0.0145	0.000209	0.00311	0.00229	1.56	0.00000788	0.00561	0.00225	0.00427	0.000971
2065 Aug	1080	0.155	0.555	0.0352	31.7	0.425	709	0.0179	0.000897	0.0000111	0.0192	0.0291	0.781	0.0502	0.000018	185	0.000134	0.0182	0.00113	0.00985	0.0427	0.0000577	34.3	63.4	0.385	0.0136	27.1	0.0621	0.0114	0.000177	0.00344	0.00232	1.72	0.00000765	0.00636	0.00245	0.0045	0.000843
2065 Sep	1060	0.15	0.55	0.0326	31.4	0.432	697	0.0163	0.00082	0.000011	0.0193	0.0277	0.788	0.0501	0.0000176	180	0.000135	0.0184	0.00113	0.01	0.0404	0.0000584	33.9	63.8	0.379	0.0134	26.3	0.0632	0.0109	0.000158	0.00346	0.00225	1.72	0.00000736	0.00645	0.00246	0.00447	0.000767
2065 Oct	1020	0.148	0.52	0.0317	30	0.414	671	0.016	0.000827	0.0000107	0.0187	0.0269	0.754	0.0481	0.0000171	174	0.000129	0.0176	0.00108	0.00958	0.0392	0.0000561	32.6	61.1	0.363	0.0129	25.2	0.0604	0.0121	0.000137	0.00331	0.00217	1.65	0.00000717	0.00617	0.00234	0.0043	0.000751
2065 Nov	1030	0.151	0.514	0.0336	29.6	0.408	679	0.0172	0.00088	0.0000107	0.0186	0.0279	0.747	0.0476	0.0000173	177	0.000128	0.0174	0.00107	0.00943	0.0394	0.0000553	32.8	60.6	0.365	0.013	25.4	0.0593	0.0123	0.000134	0.00328	0.00222	1.64	0.00000737	0.00608	0.00231	0.00428	0.000809
2065 Dec	1030	0.152	0.513	0.0343	29.5	0.407	683	0.0177	0.000898	0.0000108	0.0186	0.0283	0.745	0.0475	0.0000174	179	0.000127	0.0173	0.00107	0.00939	0.0395	0.0000551	32.9	60.5	0.366	0.013	25.5	0.059	0.0123	0.000134	0.00327	0.00223	1.64	0.00000744	0.00606	0.0023	0.00429	0.000829
2066 Jan	1040	0.153	0.513	0.0347	29.4	0.406	685	0.0179	0.000908	0.0000108	0.0185	0.0285	0.744	0.0474	0.0000175	180	0.000127	0.0173	0.00107	0.00936	0.0396	0.000055	33	60.4	0.367	0.0131	25.5	0.0589	0.0123	0.000134	0.00327	0.00224	1.64	0.00000749	0.00605	0.00229	0.00429	0.000841
2066 Feb	1040	0.153	0.513	0.035	29.4	0.405	686	0.0181	0.000916	0.0000108	0.0185	0.0287	0.744	0.0474	0.0000175	180	0.000127	0.0172	0.00107	0.00935	0.0397	0.0000549	33.1	60.4	0.367	0.0131	25.6	0.0588	0.0123	0.000134	0.00327	0.00225	1.64	0.00000752	0.00604	0.00229	0.00429	0.000851
2066 Mar	1040	0.154	0.513	0.0354	29.3	0.405	689	0.0184	0.000927	0.0000108	0.0185	0.0289	0.744	0.0473	0.0000176	181	0.000127	0.0172	0.00107	0.00933	0.0398	0.0000549	33.2	60.4	0.368	0.0131	25.7	0.0587	0.0122	0.000134	0.00327	0.00226	1.64	0.00000757	0.00603	0.00229	0.00429	0.000863
2066 Apr	1050	0.155	0.513	0.0359	29.3	0.404	692	0.0186	0.000938	0.0000109	0.0185	0.0291	0.744	0.0473	0.0000176	182	0.000127	0.0172	0.00107	0.00932	0.0399	0.0000548	33.3	60.4	0.37	0.0131	25.8	0.0585	0.0122	0.000134	0.00327	0.00227	1.64	0.00000762	0.00603	0.00229	0.0043	0.000876
2066 May	1060	0.156	0.513	0.0368	29.3	0.404	699	0.0192	0.000962	0.000011	0.0185	0.0297	0.744	0.0474	0.0000178	185	0.000127	0.0172	0.00107	0.0093	0.0402	0.0000547	33.5	60.5	0.373	0.0132	26	0.0584	0.0123	0.000136	0.00327	0.0023	1.64	0.00000773	0.00602	0.00229	0.00432	0.000903
2066 Jun	899	0.137	0.411	0.0346	24.6	0.321	591	0.0186	0.00107	0.00000999	0.0161	0.0267	0.596	0.0408	0.0000159	162	0.000104	0.0136	0.000902	0.00742	0.0434	0.0000449	28.2	48.9	0.317	0.011	22.3	0.0458	0.018	0.00016	0.00267	0.00199	1.33	0.00000711	0.00477	0.00193	0.00387	0.000868
2066 Jul	963	0.141	0.43	0.0365	25	0.347	636	0.0196	0.00107	0.0000104	0.0169	0.0284	0.646	0.0427	0.0000168	172	0.000112	0.0148	0.000957	0.00801	0.0424	0.0000481	30.3	52.9	0.339	0.0119	23.2	0.0497	0.0161	0.00015	0.00288	0.00213	1.44	0.00000749	0.00517	0.00205	0.00407	0.000918
2066 Aug	1020	0.141	0.461	0.0355	26.2	0.39	678	0.0188	0.000978	0.0000108	0.0182	0.0289	0.721	0.046	0.0000175	179	0.000124	0.0167	0.00104	0.00901	0.0403	0.0000534	32.6	58.7	0.362	0.0128	23.9	0.0566	0.0131	0.000138	0.00319	0.00224	1.59	0.0000076	0.00583	0.00225	0.00431	0.000881
2066 Sep	1050	0.143	0.466	0.0365	26.2	0.399	696	0.0193	0.000981	0.000011	0.0185	0.0297	0.738	0.0466	0.0000178	184	0.000126	0.0171	0.00106	0.0092	0.0397	0.0000544	33.4	60	0.37	0.0131	24.2	0.0578	0.0122	0.000131	0.00326	0.0023	1.63	0.00000775	0.00597	0.00228	0.00437	0.000909
2066 Oct	1070	0.148	0.461	0.0393	25.7	0.393	711	0.0211	0.00105	0.0000111	0.0183	0.0312	0.733	0.046	0.0000181	189	0.000124	0.0168	0.00105	0.00905	0.0396	0.0000536	33.9	59.7	0.375	0.0133	24.5	0.0568	0.0119	0.000125	0.00324	0.00236	1.62	0.00000804	0.00589	0.00225	0.00435	0.000991
2066 Nov	1090	0.152	0.459	0.0415	25.4	0.39	723	0.0224	0.0011	0.0000112	0.0182	0.0324	0.73	0.0457	0.0000184	194	0.000123	0.0167	0.00105	0.00895	0.0398	0.0000531	34.3	59.6	0.38	0.0135	24.9	0.0561	0.0118	0.000123	0.00323	0.00242	1.62	0.00000828	0.00585	0.00223	0.00436	0.00106
2066 Dec	1090	0.152	0.459	0.0415	25.4	0.389	723	0.0225	0.0011	0.0000112	0.0182	0.0324	0.73	0.0456	0.0000184	194	0.000123	0.0167	0.00105	0.00893	0.0398	0.000053	34.3	59.5	0.379	0.0135	24.9	0.056	0.0118	0.000123	0.00323	0.00242	1.61	0.00000829	0.00584	0.00223	0.00436	0.00106
2067 Jan	1090	0.152	0.459	0.0417	25.4	0.389	724	0.0226	0.00111	0.0000112	0.0182	0.0325	0.729	0.0456	0.0000185	194	0.000123	0.0167	0.00105	0.00892	0.0399	0.0000533	34.3	59.5	0.38	0.0135	24.9	0.0559	0.0118	0.000123	0.00323	0.00243	1.61	0.0000083	0.00583	0.00222	0.00436	0.00106
2067 Feb	1090	0.152	0.459	0.0419	25.4	0.388	725	0.0227	0.00111	0.0000112	0.0182	0.0326	0.729	0.0

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2069 Dec	1010	0.124	0.323	0.0362	18.2	0.379	681	0.0201	0.00101	0.0000107	0.0177	0.0299	0.704	0.0444	0.0000174	182	0.00012	0.0162	0.00101	0.00871	0.0384	0.0000516	32.5	57.4	0.359	0.0128	19.2	0.0546	0.0124	0.000116	0.0031	0.00227	1.55	0.00000773	0.00566	0.00215	0.00417	0.000947
2070 Jan	1020	0.125	0.323	0.0364	18.2	0.378	682	0.0203	0.00102	0.0000107	0.0177	0.0299	0.704	0.0444	0.0000175	182	0.000119	0.0162	0.00101	0.0087	0.0385	0.0000515	32.5	57.3	0.36	0.0128	19.2	0.0545	0.0124	0.000116	0.0031	0.00227	1.55	0.00000774	0.00565	0.00215	0.00416	0.000952
2070 Feb	1020	0.125	0.323	0.0368	18.2	0.378	684	0.0205	0.00103	0.0000107	0.0177	0.0302	0.703	0.0443	0.0000175	183	0.000119	0.0161	0.00101	0.00868	0.0386	0.0000514	32.6	57.3	0.36	0.0128	19.3	0.0543	0.0124	0.000116	0.0031	0.00228	1.55	0.00000779	0.00564	0.00215	0.00417	0.000964
2070 Mar	1020	0.126	0.323	0.0372	18.2	0.377	687	0.0208	0.00104	0.0000108	0.0177	0.0304	0.702	0.0443	0.0000176	184	0.000119	0.0161	0.00101	0.00866	0.0387	0.0000513	32.7	57.3	0.361	0.0128	19.4	0.0542	0.0124	0.000116	0.0031	0.00229	1.55	0.00000783	0.00564	0.00214	0.00417	0.000976
2070 Apr	1030	0.127	0.324	0.0376	18.2	0.377	689	0.021	0.00105	0.0000108	0.0177	0.0306	0.703	0.0443	0.0000176	185	0.000119	0.0161	0.00101	0.00866	0.0388	0.0000513	32.8	57.3	0.362	0.0129	19.5	0.0542	0.0124	0.000116	0.0031	0.0023	1.55	0.00000788	0.00564	0.00214	0.00418	0.000986
2070 May	1010	0.127	0.317	0.0376	18.3	0.368	679	0.021	0.00107	0.0000107	0.0174	0.0304	0.687	0.0443	0.0000175	183	0.000117	0.0157	0.00101	0.00846	0.041	0.0000503	32.3	56.1	0.359	0.0127	19.4	0.0528	0.0135	0.000138	0.00304	0.00227	1.52	0.00000784	0.0055	0.00212	0.00413	0.000987
2070 Jun	929	0.125	0.282	0.0367	18.2	0.32	618	0.0208	0.00114	0.0000102	0.0159	0.0288	0.601	0.0432	0.0000164	172	0.000103	0.0137	0.000955	0.00742	0.0494	0.0000446	29.3	49.7	0.336	0.0114	18.6	0.0455	0.018	0.000227	0.00269	0.00211	1.36	0.00000075	0.00477	0.00199	0.00386	0.000971
2070 Jul	993	0.13	0.293	0.0402	18	0.336	664	0.0228	0.00119	0.0000106	0.0165	0.0313	0.636	0.0441	0.0000174	185	0.000108	0.0144	0.000992	0.00776	0.0482	0.0000465	31.3	52.5	0.356	0.0122	19.5	0.0478	0.0163	0.00021	0.00284	0.00227	1.43	0.00000801	0.00503	0.00205	0.00403	0.00107
2070 Aug	1020	0.118	0.306	0.0347	18	0.388	684	0.0193	0.000974	0.0000108	0.0179	0.0294	0.72	0.0471	0.0000175	182	0.000123	0.0166	0.00106	0.00899	0.0429	0.0000529	32.8	58.7	0.368	0.0129	18.5	0.0563	0.0125	0.000175	0.00318	0.00226	1.59	0.00000765	0.00581	0.00227	0.00425	0.000908
2070 Sep	1010	0.115	0.303	0.0327	17.7	0.396	677	0.0181	0.000912	0.0000106	0.0181	0.0284	0.729	0.047	0.0000172	179	0.000124	0.0169	0.00106	0.00916	0.0408	0.0000538	32.6	59.3	0.364	0.0129	17.9	0.0575	0.012	0.000157	0.00321	0.00223	1.61	0.00000744	0.00592	0.00228	0.00423	0.000851
2070 Oct	1020	0.121	0.297	0.0362	17.2	0.379	684	0.0203	0.00101	0.0000107	0.0177	0.0301	0.705	0.0455	0.0000175	183	0.00012	0.0162	0.00103	0.00874	0.0411	0.0000516	32.6	57.6	0.364	0.0128	18.4	0.0546	0.0126	0.000149	0.00311	0.00228	1.56	0.00000776	0.00567	0.00218	0.00417	0.000955
2070 Nov	1030	0.125	0.296	0.038	17.1	0.373	691	0.0214	0.00106	0.0000108	0.0175	0.0309	0.698	0.0451	0.0000177	186	0.000118	0.016	0.00103	0.00859	0.0415	0.0000509	32.8	57.1	0.366	0.0129	18.7	0.0536	0.0128	0.000147	0.00308	0.00232	1.55	0.00000793	0.00559	0.00216	0.00416	0.00101
2070 Dec	1030	0.125	0.296	0.0381	17.1	0.373	692	0.0215	0.00107	0.0000108	0.0175	0.031	0.697	0.045	0.0000177	187	0.000118	0.016	0.00102	0.00858	0.0415	0.0000508	32.8	57	0.366	0.0129	18.8	0.0535	0.0128	0.000147	0.00308	0.00232	1.55	0.00000795	0.00558	0.00215	0.00415	0.00101
2071 Jan	1030	0.126	0.296	0.0384	17.1	0.372	693	0.0217	0.00107	0.0000108	0.0175	0.0312	0.697	0.045	0.0000177	187	0.000118	0.0159	0.00102	0.00856	0.0415	0.0000508	32.9	57	0.366	0.0129	18.8	0.0534	0.0128	0.000147	0.00308	0.00232	1.55	0.00000798	0.00557	0.00215	0.00416	0.00102
2071 Feb	1030	0.126	0.296	0.0387	17.1	0.371	695	0.0219	0.00108	0.0000108	0.0175	0.0314	0.696	0.045	0.0000178	188	0.000118	0.0159	0.00102	0.00855	0.0416	0.0000507	33	57	0.367	0.0129	18.9	0.0533	0.0128	0.000147	0.00308	0.00233	1.55	0.00000802	0.00556	0.00215	0.00416	0.00103
2071 Mar	1040	0.127	0.297	0.039	17.1	0.371	697	0.0221	0.00109	0.0000108	0.0175	0.0315	0.696	0.0449	0.0000178	189	0.000117	0.0159	0.00102	0.00853	0.0417	0.0000506	33	57	0.368	0.0129	19	0.0532	0.0128	0.000147	0.00308	0.00234	1.55	0.00000805	0.00556	0.00215	0.00416	0.00104
2071 Apr	1040	0.127	0.297	0.0395	17	0.37	699	0.0224	0.0011	0.0000109	0.0175	0.0318	0.696	0.0449	0.0000179	190	0.000117	0.0159	0.00102	0.00852	0.0418	0.0000505	33.1	57	0.369	0.013	19.1	0.0531	0.0127	0.000147	0.00308	0.00235	1.55	0.00000811	0.00555	0.00214	0.00416	0.00105
2071 May	1030	0.128	0.292	0.0396	17.1	0.362	691	0.0225	0.00112	0.0000108	0.0172	0.0317	0.681	0.0447	0.0000178	189	0.000115	0.0155	0.00102	0.00833	0.0434	0.0000495	32.7	55.9	0.366	0.0128	19	0.0518	0.0136	0.000163	0.00302	0.00233	1.52	0.00000808	0.00542	0.00212	0.00412	0.00106
2071 Jun	930	0.12	0.259	0.0367	16.5	0.32	622	0.021	0.00113	0.0000102	0.0159	0.029	0.602	0.0427	0.0000164	173	0.000103	0.0137	0.00095	0.00742	0.048	0.0000445	29.4	49.8	0.336	0.0114	17.7	0.0455	0.0171	0.000216	0.00269	0.00212	1.36	0.00000752	0.00478	0.00198	0.00386	0.000982
2071 Jul	993	0.124	0.267	0.0402	16.2	0.335	666	0.023	0.00118	0.0000106	0.0164	0.0315	0.636	0.0434	0.0000174	185	0.000108	0.0144	0.000982	0.00773	0.0464	0.0000464	31.4	52.5	0.355	0.0122	18.5	0.0477	0.0152	0.000195	0.00284	0.00228	1.43	0.00000802	0.00503	0.00204	0.00401	0.00108
2071 Aug	1020	0.115	0.278	0.0362	16.1	0.382	690	0.0204	0.00101	0.0000108	0.0177	0.0303	0.713	0.0462	0.0000176	185	0.000121	0.0164	0.00105	0.00883	0.0422	0.0000521	33	58.2	0.369	0.0129	17.7	0.0553	0.012	0.000167	0.00315	0.0023	1.58	0.0000078	0.00573	0.00223	0.00423	0.000961
2071 Sep	1020	0.11	0.277	0.0337	15.8	0.397	689	0.0189	0.000925	0.0000107	0.0181	0.0292	0.734	0.0467	0.0000174	182	0.000125	0.017	0.00106	0.00916	0.0396	0.0000538	33.1	59.7	0.369	0.013	17.1	0.0577	0.0107	0.000148	0.00323	0.00227	1.62	0.00000758	0.00594	0.00227	0.00425	0.00089
2071 Oct	1050	0.118	0.277	0.0379	15.5	0.385	708	0.0215	0.00103	0.0000109	0.0178	0.0314	0.722	0.0457	0.0000179	190	0.000122	0.0165	0.00105	0.00887	0.04	0.0000523	33.7	58.9	0.375	0.0132	17.9	0.0556	0.0107	0.000143	0.00319	0.00237	1.6	0.00000801	0.00579	0.00222	0.00424	0.00101
2071 Nov	1060	0.121	0.276	0.0394	15.4	0.38	713	0.0224	0.00108	0.0000109	0.0177	0.0321	0.714	0.0453	0.0000181	192	0.00012	0.0163	0.00104	0.00873	0.0403	0.0000516	33.8	58.4	0.376	0.0132	18.2	0.0547	0.011	0.000142	0.00316	0.00239	1.58	0.00000815	0.00571	0.00219	0.00422	0.00106
2071 Dec	1050	0.121	0.276	0.0394	15.4	0.379	712	0.0225	0.00108	0.0000109	0.0176	0.0321	0.713	0.0452	0.0000181	192	0.00012	0.0163	0.00104	0.00871	0.0403	0.0000515	33.7	58.3	0.375	0.0132	18.2	0.0545	0.0111	0.000141	0.00315	0.00239	1.58	0.00000815	0.00569	0.00218	0.00422	0.00106
2072 Jan	1060	0.121	0.276	0.0397	15.4	0.378	713	0.0226	0.00109	0.0000109	0.0176	0.0323	0.712	0.0452	0.0000181	193	0.00012	0.0163	0.00104	0.00869	0.0404	0.0000514	33.8	58.2	0.376	0.0132	18.3	0.0544	0.0111	0.000141	0.00315	0.0024	1.58	0.00000818	0.00568	0.00218	0.00422	0.00107
2072 Feb	1060	0.122	0.276	0.0401	15.4	0.377	716	0.0229	0.0011	0.0000011	0.0176	0.0325	0.711	0.0451	0.0000181	193	0.000119	0.0162	0.00104	0.00867	0.0405	0.0000513	33.8	58.2	0.376	0.0133	18.3	0.0542	0.0111	0.000141	0.00314	0.00241	1.58	0.00000823	0.00567	0.00218	0.00422	0.00108
2072 Mar	1060	0.123	0.277	0.0404	15.4	0.377	717	0.0231	0.0011	0.0000011	0.0176	0.0327	0.711	0.0451	0.0000182	194	0.000119	0.0162	0.00104	0.00866	0.0406	0.0000513	33.9	58.2	0.377	0.0133	18.4	0.0541	0.0111	0.000142	0.00314	0.00242	1.58	0.00000826	0.00567	0.00217	0.00422	0.00109
2072 Apr	1070	0.123	0.277	0.0409	15.4	0.376	720	0.0233	0.00112	0.0000011	0.0176	0.0329	0.711	0.0451	0.0000183	195	0.000119	0.0162	0.00104	0.00865	0.0407	0.0000512	34	58.2	0.378	0.0133	18.5	0.054	0.011	0.000142	0.00314	0.00243	1.58	0.00000831	0.00566	0.00217	0.00423	0.0011
2072 May	1080	0.125	0.279	0.0416	15.4	0.377	727	0.0238	0.00113	0.0000111	0.0176	0.0334	0.714	0.0452	0.0000184	197	0.000119	0.0162	0.00104	0.00866	0.041	0.0000513	34.3	58.4	0.381	0.0134	18.7	0.0541	0.0111	0.000142	0.00316	0.00245	1.59	0.00000841	0.00568	0.00218	0.00425	0.00112
2072 Jun	1010	0.119	0.255	0.0411	14.3	0.338	678	0.0237	0.0012	0.0000107	0.0166	0.0321	0.644	0.0415	0.0000176	187	0.000109	0.0146	0.000955	0.00776	0.0412	0.0000468	31.8	52.9	0.354	0.0124	17.9	0.0482	0.0138	0.000136	0.00287	0.00231	1.44	0.00000816	0.00509	0.002	0.00406	0.00111
2072 Jul	1040	0.122	0.256	0.0438	13.9	0.341	703	0.0253	0.00125	0.0000109	0.0167	0.0338	0.655	0.0416	0.0000181	194	0.00011	0.0147	0.000966	0.00781	0.0409	0.0000471	32.8	53.9	0.364	0.0128	18.4	0.0485	0.013	0.000129	0.00292	0.00241	1.46	0.00000851	0.00515	0.00201	0.00413	0.00119
2072 Aug	999	0.105	0.247	0.0352	13.6	0.375	676	0.0201	0.00101	0.0000106	0.0174	0.0297	0.697	0.0436	0.0000173	180	0.000118	0.016	0.000995	0.0086	0.0371	0.0000511	32.2	56.7	0.356	0.0127	16.2	0.054	0.0113	0.000111	0.00308	0.00225	1.54	0.00000767	0.0056	0.00212	0.00414	0.000943
2072 Sep	988	0.0973	0.245	0.0309	13.5	0.397	669	0.0174	0.000866	0.0000105	0.0179	0.0277	0.729	0.0451	0.000017	174	0.000124	0.0169	0.00102	0.00914	0.035	0.0000537	32.3	59.1	0.356	0.0128	15.2	0.0577	0.0099	0.000103	0.0032	0.00219	1.6	0.00000727	0.00593	0.00221	0.00418	0.000818
2072 Oct	977	0.102	0.238	0.0327	13.3	0.379	661	0.0185	0.000932	0.0000104	0.0174	0.0283	0.699	0.0436	0.0000169	174	0.000118	0.0161	0.000989	0.0087	0.0355	0.0000514	31.7	56.8	0.349	0.0125	15.4	0.0547	0.0111	0.0000992	0.00307	0.00218	1.54	0.00000737	0.00565	0.00212	0.00407	0.000871
2072 Nov	974	0.103	0.237	0.0331	13.3	0.375	659	0.0188	0.000949	0.0000104	0.0173	0.0284	0.693	0.0433	0.0000169	175	0.000117	0.016	0.000981	0.0086	0.0357	0.0000509	31.5	56.3	0.347	0.0124	15.5	0.054	0.0114	0.0000985	0.00305	0.00218	1.52	0.00000674	0.00559	0.00209	0.00405	0.000883
2072 Dec	975	0.104	0.237	0.0332	13.3	0.374	660	0.0189	0.000953	0.0000104	0.0173	0.0285	0.692	0.0432	0.0000169	175	0.000117	0.0159	0.000981	0.00859	0.0357	0.0000508	31.6	56.2	0.348	0.0124	15.5	0.0539	0.0114	0.0000984	0.00304	0.00218	1.52	0.00000741	0.00558	0.00209	0.00405	0.000888
2073 Jan	977	0.104	0.237	0.0335	13.3	0.374	661	0.019	0.000959	0.0000104	0.0173	0.0286	0.691	0.0432	0.0000169	175	0.000117	0.0159	0.00098	0.00857	0.0358	0.0000508	31.6	56.2	0.348	0.0125	15.6	0.0538	0.0114	0.0000985	0.00304	0.00219	1.52	0.00000744	0.00557	0.00209	0.00405	0.000895
2073 Feb	980	0.105	0.237	0.0338	13.3	0.373	663	0.0193	0.000969	0.0000104	0.0172	0.0288	0.691	0.0432	0.000017	176	0.000117	0.0159	0.000981	0.00856	0.0359	0.0000507	31.7	56.2	0.349	0.0125	15.7	0.0537	0.0114	0.0000987	0.00304	0.0022	1.52	0.00000748	0.00556	0.00209	0.00405	0.000906
2073 Mar	983	0.106	0.238	0.0342	13.3	0.372	666	0.0195	0.000979	0.0000104	0.0172	0.029	0.69	0.0431	0.000017	177	0.000117	0.0159	0.000981	0.00854	0.036	0.0000506	31.8	56.2	0.35	0.0125	15.8	0.0536	0.0114	0.0000988	0.00304	0.00221	1.52	0.00000753	0.00555	0.00208	0.00406	0.000918
2073 Apr	989	0.106	0.239	0.0347	13.3	0.372	669	0.0198	0.000991	0.0000105	0.0173	0.0293	0.691	0.0432	0.0000171	178	0.000117	0.0159	0.000983	0.00854	0.0362	0.0000506	31.9	56.3	0.351	0.0126	15.9	0.0535	0.0114	0.0000991	0.00304	0.00223	1.52	0.00000758	0.00556	0.00209	0.00407	0.000931
2073 May	946	0.106	0.227	0.0337	13.8	0.351	637	0.0193	0.00101	0.0000102	0.0166	0.0283	0.652	0.0431	0.0000166	172	0.000111	0.015	0.000965	0.0081	0.0409	0.0000482	30.4	53.4	0.34	0.0119	15.6	0.0504	0.014	0.000149	0.00288	0.00213	1.45	0.00000737	0.00523	0.00204	0.00395	0.000904
2073 Jun	872	0.105	0.205	0.0327	14.2	0.31	583	0.0189	0.00107	0.00000976	0.0154	0.0268	0.578	0.0422	0.0000156	162	0.0000998	0.0132	0.000924	0.00721	0.0486	0.0000433	27.8	47.8	0.319	0.0108	15.2	0.0442	0.0181	0.00023	0.00258	0.00198	1.3	0.00000705	0.00461	0.00193	0.00372	0.000882
2073 Jul	949	0.107	0.217	0.0351	13.7	0.341	639	0.0203	0.00106	0.0000103	0.0164	0.029	0.639	0.0438	0.0000167	175	0.000109	0.0146	0.000981	0.0079	0.0454	0.0000471	30.4	52.5	0.344	0.0119	15.8	0.0489	0.0149	0.000199	0.00284	0.00215	1.43	0.00000075	0.0051	0.00206	0.00395	0.00095
2073 Aug	990	0.0985	0.225	0.0319	13.2	0.388	669	0.0181	0.000907	0.0000105	0.0177	0.0283	0.717	0.0464	0.000017	177	0.000122	0.0166	0.00105	0.00898	0.0407	0.0000528	32.2	58.4	0.361	0.0127	15	0.0564	0.0113	0.000165	0.00316	0.00221	1.58	0.00000737	0.00581	0.00225	0.00417	0.000853
2073 Sep	1000	0.0953	0.226	0.0307	12.9	0.404	679	0.0174	0.000847	0.0000105	0.0181	0.028	0.743	0.0471	0.0000171	177	0.000126	0.0173	0.00107	0.00934	0.0385	0.0000546	32.8	60.3	0.366	0.013	14.7	0.059	0.00982	0.000148	0.00326	0.00222	1.63	0.00000731	0.00605	0.0023	0.00423	0.000818
2073 Oct	1010	0.102	0.225	0.034	12.8	0.388	685	0.0194	0.000944	0.0000106	0.0177	0.0295	0.72	0.0457	0.0000173	182	0.000122	0.0166	0.00104	0.00894	0.0389	0.0000526	32.8	58.6	0.365	0.0129	15.3	0.0562	0.0105	0.000142	0.00317	0.00227	1.59	0.0000076	0.00581	0.00222	0.00417	0.000915
2073 Nov	1000	0.104	0.223	0.0343	12.7	0.382	681	0.0197	0.000961	0.0000106	0.0175	0.0295	0.711	0.0452	0.0000173	181	0.00012	0.0164	0.00103	0.00881	0.0391	0.0000519	32.5	57.9	0.362	0.0128	15.3	0.0553	0.0109	0.00014	0.00313	0.00226	1.57	0.00000761	0.00573	0.00219	0.00414	0.000925
2073 Dec	1010	0.104	0.223	0.0345	12.7	0.382	682	0.0198	0.000966	0.0000106	0.0175	0.0296	0.71	0.0452	0.0000173	181	0.00012	0.0163	0.00103	0.0088	0.0391	0.0000518	32.6	57.9	0.362	0.0128	15.4	0.0552	0.011	0.00014	0.00313	0.00226	1.57	0.00000763	0.00572	0.00218	0.00414	0.00093
2074 Jan	1010	0.104	0.223	0.0345	12.7	0.382	682	0.0198	0.000967	0.0000106	0.0175	0.0296	0.71	0.0452	0.0000173	182	0.00012	0.0163	0.00103	0.00879	0.0392	0.0000518	32.6	57.8	0.362	0.0128	15.4	0.0552	0.011	0.00014	0.00313	0.00226	1.57	0.00000763	0.00572	0.00218	0.00414	0.00093
2074 Feb	1010	0.105	0.223	0.0347	12.7	0.381	683	0.0199	0.000973	0.0000106	0.0175	0.0298	0.709	0.0452	0.0000173	182	0.00012	0.0163	0.00103	0.00878	0.0392	0.0000517	32.6	57.8	0.363	0.0128	15.4	0.0551	0.011	0.00014	0.00312	0.00227	1.57	0.00000766	0.00571	0.00218	0.00414	0.00094
2074 Mar	1010	0.105	0.224	0.0351	12.7	0.381	685	0.0201	0.000982	0.0000106	0.0175	0.0299	0.709	0.0451	0.0000174	183	0.00012	0.0163	0.00103	0.00877	0.0393	0.0000517	32.7	57.8	0.364	0.0128	15.5	0.055	0.011	0.00014	0.00312	0.00228	1.57	0.00000769	0.0057	0.00218	0.00414	0.00094
2074 Apr	1020	0.106	0.224	0.0355	12.8	0.381	688	0.0204	0.000992	0.0000106	0.0175	0.0302	0.709	0.0452	0.0000175	184	0.00012	0.0163	0.00103	0.00877	0.0394	0.0000517	32.8	57.9	0.365	0.0129	15.6	0.055	0.011	0.00014	0.00313	0.00229	1.57	0.00000775	0.0057	0.00218	0.00415	0.00096
2074 May	945	0.104	0.208	0.0334	13.4	0.349	636	0.0193	0.00101	0.0000102	0.0166	0.0283	0.65	0.0449	0.0000165	173	0.000111	0.0149	0.001	0.0081	0.0462	0.0000448	30.4	53.4	0.346	0.0119	15.1	0.0503	0.0148	0.000211	0.00288	0.00213	1.45	0.00000735	0.00522	0.0021	0.00396	0.000903
2074 Jun	832	0.0973	0.179	0.0291	13.9	0.305	554	0.0169	0.000993	0.00000944	0.0152	0.0248	0.566	0.044	0.0000149	155	0.0000992	0.013	0.000949	0.00719	0.054	0.0000429	26.7	47	0.314	0.0104	13.9	0.0439	0.0194	0.000303	0.00254	0.00187	1.28	0.00000662	0.00454	0.00199	0.00366	0.000786
2074 Jul	923	0.0948	0.194	0.0299	13	0.358	621	0.0172	0.000917	0.00001	0.0167	0.0265	0.66	0.0462	0.0000161	167	0.000114	0.0153	0.00102	0.00835	0.0473	0.0000492	30	54.2	0.344	0.0117	14	0.0519	0.0145	0.000239	0.00293	0.00206	1.47	0.00000699	0.00535	0.00218	0.00397	0.000804
2074 Aug	973	0.0888	0.202	0.0281	12.4	0.401	658	0.016	0.000803	0.0000104

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.0000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2077 Jun	906	0.102	0.158	0.0365	11.1	0.303	609	0.0215	0.00116	0.0000096	0.0152	0.0291	0.576	0.0419	0.0000162	172	0.0000989	0.013	0.000934	0.00704	0.05	0.0000424	28.8	47.8	0.331	0.0111	14.3	0.0431	0.0172	0.000245	0.00259	0.00209	1.31	0.0000075	0.00454	0.00193	0.00377	0.00101
2077 Jul	978	0.106	0.167	0.0399	10.5	0.324	662	0.0235	0.0012	0.0000105	0.0159	0.0317	0.62	0.0429	0.0000172	185	0.000105	0.014	0.000975	0.0075	0.0475	0.000045	31.1	51.4	0.354	0.012	15	0.0462	0.0148	0.000216	0.00278	0.00227	1.4	0.0000803	0.00489	0.00201	0.00396	0.00111
2077 Aug	989	0.0896	0.163	0.033	9.55	0.378	672	0.0192	0.000945	0.0000104	0.0174	0.0291	0.704	0.0457	0.0000171	179	0.00012	0.0162	0.00104	0.00875	0.0413	0.0000515	32.2	57.4	0.362	0.0126	13	0.0549	0.011	0.000173	0.00311	0.00223	1.56	0.0000075	0.00568	0.00221	0.00414	0.000906
2077 Sep	965	0.085	0.157	0.0305	9.14	0.381	657	0.0177	0.000875	0.0000102	0.0174	0.0277	0.705	0.0451	0.0000166	173	0.00012	0.0163	0.00102	0.00882	0.0386	0.0000518	31.6	57.3	0.353	0.0125	12.2	0.0555	0.0105	0.00015	0.0031	0.00216	1.55	0.0000721	0.00571	0.00219	0.00408	0.000835
2077 Oct	980	0.0923	0.159	0.0336	9.2	0.369	667	0.0197	0.000966	0.0000103	0.0171	0.0292	0.688	0.0441	0.0000169	178	0.000117	0.0158	0.00101	0.00852	0.0392	0.0000502	31.8	56.2	0.355	0.0125	13	0.0534	0.011	0.000146	0.00304	0.00222	1.52	0.0000751	0.00554	0.00213	0.00405	0.000927
2077 Nov	979	0.0935	0.159	0.034	9.23	0.367	666	0.0199	0.000979	0.0000104	0.017	0.0294	0.684	0.044	0.0000017	179	0.000116	0.0157	0.001	0.00846	0.0394	0.0000499	31.8	55.9	0.354	0.0125	13.1	0.0529	0.0113	0.000145	0.00302	0.00222	1.52	0.0000754	0.0055	0.00212	0.00404	0.000937
2077 Dec	980	0.0937	0.159	0.0341	9.24	0.366	667	0.02	0.000983	0.0000104	0.017	0.0294	0.684	0.0439	0.0000017	179	0.000116	0.0157	0.001	0.00845	0.0394	0.0000499	31.8	55.8	0.354	0.0125	13.1	0.0529	0.0113	0.000145	0.00302	0.00222	1.51	0.0000755	0.00549	0.00212	0.00404	0.000941
2078 Jan	981	0.094	0.159	0.0343	9.24	0.366	667	0.0201	0.000987	0.0000104	0.017	0.0295	0.683	0.0439	0.0000017	179	0.000116	0.0157	0.001	0.00844	0.0394	0.0000498	31.8	55.8	0.355	0.0125	13.2	0.0528	0.0113	0.000145	0.00302	0.00223	1.51	0.0000757	0.00549	0.00212	0.00404	0.000945
2078 Feb	984	0.0947	0.16	0.0346	9.25	0.365	669	0.0203	0.000995	0.0000104	0.017	0.0297	0.683	0.0439	0.0000017	180	0.000115	0.0157	0.001	0.00842	0.0395	0.0000498	31.9	55.8	0.355	0.0125	13.3	0.0527	0.0113	0.000145	0.00302	0.00224	1.51	0.0000761	0.00548	0.00211	0.00404	0.000955
2078 Mar	987	0.0955	0.161	0.035	9.26	0.365	672	0.0205	0.00101	0.0000104	0.017	0.0299	0.683	0.0438	0.0000171	181	0.000115	0.0156	0.001	0.0084	0.0396	0.0000497	31.9	55.8	0.356	0.0125	13.4	0.0526	0.0113	0.000145	0.00302	0.00225	1.51	0.0000765	0.00547	0.00211	0.00404	0.000966
2078 Apr	992	0.0965	0.161	0.0355	9.28	0.365	675	0.0208	0.00102	0.0000105	0.017	0.0302	0.683	0.0439	0.0000172	182	0.000115	0.0157	0.001	0.0084	0.0398	0.0000497	32.1	55.9	0.358	0.0126	13.5	0.0525	0.0113	0.000146	0.00302	0.00226	1.52	0.0000771	0.00547	0.00211	0.00405	0.00098
2078 May	923	0.0963	0.151	0.0338	10.3	0.332	624	0.0199	0.00105	0.00001	0.016	0.0284	0.622	0.0435	0.0000163	172	0.000106	0.0142	0.000971	0.00771	0.0465	0.0000459	29.7	51.3	0.339	0.0116	13.3	0.0477	0.0152	0.000216	0.00277	0.00211	1.4	0.0000734	0.00497	0.00203	0.00386	0.000931
2078 Jun	861	0.0974	0.141	0.0333	11.1	0.295	578	0.0197	0.0011	0.0000962	0.0149	0.0272	0.557	0.0424	0.0000155	163	0.0000964	0.0127	0.00093	0.00691	0.0524	0.0000415	27.5	46.4	0.32	0.0106	13.2	0.0421	0.0185	0.000279	0.0025	0.00198	1.27	0.0000708	0.00442	0.00192	0.00365	0.00092
2078 Jul	932	0.0931	0.146	0.0333	9.98	0.34	631	0.0196	0.00102	0.0000101	0.0162	0.0284	0.636	0.0444	0.0000164	173	0.000109	0.0146	0.000992	0.0079	0.0469	0.0000468	30.1	52.4	0.344	0.0117	13	0.0489	0.0144	0.000228	0.00283	0.00212	1.43	0.0000733	0.00509	0.00208	0.00391	0.000921
2078 Aug	951	0.0788	0.143	0.028	8.8	0.387	647	0.0164	0.000813	0.0000101	0.0174	0.0266	0.711	0.0464	0.0000164	169	0.000122	0.0166	0.00104	0.00898	0.0403	0.0000525	31.3	57.8	0.353	0.0124	11.4	0.0566	0.0105	0.000177	0.00313	0.00211	1.57	0.0000697	0.00579	0.00225	0.00408	0.000769
2078 Sep	989	0.0841	0.149	0.0313	8.6	0.389	674	0.0183	0.000876	0.0000104	0.0176	0.0285	0.721	0.0462	0.0000017	178	0.000122	0.0167	0.00105	0.00901	0.0395	0.0000527	32.4	58.7	0.363	0.0128	12.1	0.0568	0.00957	0.000164	0.00318	0.00222	1.59	0.0000736	0.00584	0.00225	0.00414	0.00862
2078 Oct	1010	0.09	0.152	0.0342	8.54	0.382	688	0.0201	0.000951	0.0000105	0.0174	0.03	0.714	0.0455	0.0000173	183	0.00012	0.0164	0.00104	0.00882	0.0394	0.0000518	32.8	58.2	0.367	0.0129	12.8	0.0554	0.0095	0.000157	0.00315	0.00229	1.58	0.0000766	0.00575	0.00221	0.00414	0.000947
2078 Nov	1010	0.0929	0.153	0.0354	8.59	0.377	692	0.0208	0.000986	0.0000105	0.0173	0.0306	0.707	0.0451	0.0000174	185	0.000119	0.0162	0.00103	0.0087	0.0397	0.0000512	32.9	57.7	0.368	0.0129	13.1	0.0546	0.00978	0.000155	0.00312	0.00231	1.57	0.0000777	0.00567	0.00218	0.00412	0.000982
2078 Dec	1010	0.093	0.153	0.0355	8.59	0.377	692	0.0209	0.000988	0.0000105	0.0173	0.0306	0.706	0.045	0.0000174	185	0.000119	0.0162	0.00103	0.00869	0.0397	0.0000511	32.9	57.7	0.368	0.0129	13.1	0.0545	0.00982	0.000155	0.00312	0.00231	1.56	0.0000778	0.00567	0.00218	0.00412	0.000984
2079 Jan	1020	0.0934	0.153	0.0357	8.6	0.377	692	0.021	0.000992	0.0000106	0.0173	0.0307	0.706	0.045	0.0000174	186	0.000119	0.0162	0.00103	0.00868	0.0397	0.0000511	32.9	57.7	0.368	0.0129	13.2	0.0545	0.00983	0.000155	0.00312	0.00231	1.56	0.0000779	0.00566	0.00218	0.00412	0.000988
2079 Feb	1020	0.0939	0.154	0.0359	8.6	0.376	694	0.0211	0.001	0.0000106	0.0172	0.0308	0.705	0.045	0.0000175	186	0.000119	0.0162	0.00103	0.00867	0.0398	0.000051	33	57.7	0.368	0.0129	13.2	0.0544	0.00982	0.000155	0.00312	0.00232	1.56	0.0000782	0.00566	0.00218	0.00412	0.000997
2079 Mar	1020	0.0946	0.154	0.0363	8.61	0.375	696	0.0214	0.00101	0.0000106	0.0172	0.031	0.705	0.045	0.0000175	187	0.000118	0.0162	0.00103	0.00865	0.0399	0.0000509	33	57.6	0.369	0.013	13.3	0.0543	0.00981	0.000155	0.00311	0.00233	1.56	0.0000786	0.00565	0.00218	0.00413	0.00101
2079 Apr	1030	0.0955	0.155	0.0368	8.63	0.375	699	0.0216	0.00102	0.0000106	0.0172	0.0313	0.705	0.045	0.0000176	188	0.000118	0.0162	0.00104	0.00864	0.04	0.0000509	33.2	57.7	0.371	0.013	13.4	0.0542	0.00981	0.000155	0.00312	0.00234	1.56	0.0000792	0.00565	0.00218	0.00413	0.00102
2079 May	1030	0.0965	0.156	0.0372	8.69	0.376	703	0.0219	0.00103	0.0000107	0.0173	0.0316	0.707	0.0451	0.0000177	189	0.000119	0.0162	0.00104	0.00866	0.0403	0.000051	33.3	57.9	0.373	0.0131	13.6	0.0542	0.0099	0.000157	0.00313	0.00236	1.57	0.0000798	0.00566	0.00218	0.00415	0.00103
2079 Jun	863	0.0853	0.131	0.0322	8.55	0.307	584	0.0191	0.00105	0.0000965	0.0153	0.0268	0.577	0.0395	0.0000155	161	0.0000999	0.0132	0.000883	0.00712	0.0425	0.000043	27.7	47.5	0.313	0.0108	12.1	0.044	0.0159	0.000172	0.00259	0.00198	1.29	0.0000703	0.0046	0.00188	0.00374	0.000891
2079 Jul	903	0.0886	0.136	0.0347	8.22	0.316	613	0.0205	0.00109	0.0000991	0.0155	0.0285	0.596	0.0397	0.0000161	169	0.000102	0.0136	0.0009	0.00728	0.0413	0.0000439	29	49	0.325	0.0113	12.6	0.0451	0.0145	0.000158	0.00267	0.00208	1.33	0.0000736	0.00473	0.00191	0.00382	0.000963
2079 Aug	941	0.0789	0.134	0.0307	7.52	0.365	642	0.0181	0.000911	0.0000101	0.0169	0.0275	0.677	0.0429	0.0000164	170	0.000116	0.0156	0.000977	0.00842	0.0373	0.0000498	30.7	55.1	0.342	0.0121	11.4	0.0529	0.0109	0.000135	0.00299	0.00212	1.49	0.0000717	0.00546	0.00211	0.00402	0.00085
2079 Sep	945	0.077	0.133	0.0296	7.27	0.375	645	0.0174	0.000859	0.0000101	0.0171	0.0271	0.693	0.0434	0.0000164	169	0.000118	0.016	0.000988	0.00865	0.0357	0.0000509	31	56.3	0.344	0.0122	11.1	0.0546	0.00996	0.000122	0.00305	0.00212	1.52	0.0000708	0.00562	0.00214	0.00403	0.000817
2079 Oct	966	0.0849	0.137	0.0332	7.36	0.364	660	0.0196	0.000955	0.0000102	0.0168	0.0289	0.68	0.0425	0.0000168	176	0.000115	0.0156	0.000976	0.00838	0.0363	0.0000496	31.4	55.4	0.348	0.0123	12	0.0527	0.0102	0.000119	0.003	0.0022	1.5	0.0000744	0.00547	0.00208	0.00401	0.000922
2079 Nov	969	0.0886	0.138	0.0346	7.45	0.357	662	0.0204	0.000999	0.0000102	0.0167	0.0296	0.669	0.042	0.0000168	178	0.000113	0.0153	0.000965	0.00821	0.0367	0.0000487	31.4	54.6	0.348	0.0123	12.3	0.0514	0.0107	0.000117	0.00296	0.00221	1.48	0.0000756	0.00536	0.00205	0.00399	0.000962
2079 Dec	962	0.0894	0.137	0.0346	7.51	0.353	656	0.0204	0.00101	0.0000102	0.0166	0.0294	0.662	0.0417	0.0000168	176	0.000112	0.0151	0.000955	0.00811	0.0368	0.0000481	31.1	54	0.345	0.0122	12.3	0.0507	0.0112	0.000116	0.00293	0.0022	1.46	0.0000753	0.00529	0.00202	0.00395	0.000961
2080 Jan	962	0.0899	0.137	0.0348	7.53	0.352	657	0.0205	0.00101	0.0000102	0.0165	0.0295	0.661	0.0416	0.0000168	177	0.000112	0.0151	0.000955	0.00809	0.0369	0.000048	31.1	53.9	0.345	0.0122	12.4	0.0506	0.0112	0.000116	0.00292	0.0022	1.46	0.0000755	0.00528	0.00202	0.00395	0.000966
2080 Feb	966	0.0907	0.138	0.0352	7.55	0.351	659	0.0208	0.00102	0.0000102	0.0165	0.0297	0.66	0.0416	0.0000168	178	0.000111	0.0151	0.000955	0.00807	0.0371	0.0000479	31.2	53.9	0.346	0.0122	12.5	0.0505	0.0112	0.000117	0.00292	0.00221	1.46	0.0000076	0.00527	0.00202	0.00395	0.000978
2080 Mar	969	0.0915	0.139	0.0356	7.56	0.351	661	0.021	0.00103	0.0000103	0.0165	0.03	0.659	0.0416	0.0000169	178	0.000111	0.015	0.000955	0.00805	0.0372	0.0000479	31.3	53.9	0.347	0.0123	12.6	0.0503	0.0112	0.000117	0.00292	0.00222	1.46	0.0000764	0.00526	0.00201	0.00396	0.00099
2080 Apr	973	0.0924	0.139	0.0361	7.58	0.35	664	0.0213	0.00104	0.0000103	0.0165	0.0302	0.659	0.0416	0.000017	180	0.000111	0.015	0.000956	0.00804	0.0373	0.0000478	31.4	53.9	0.348	0.0123	12.7	0.0502	0.0112	0.000117	0.00292	0.00224	1.46	0.0000769	0.00526	0.00201	0.00396	0.001
2080 May	982	0.0937	0.141	0.0366	7.63	0.351	670	0.0217	0.00106	0.0000104	0.0166	0.0306	0.662	0.0417	0.0000171	181	0.000112	0.0151	0.000961	0.00806	0.0376	0.000048	31.6	54.2	0.351	0.0124	12.9	0.0504	0.0112	0.000118	0.00293	0.00226	1.47	0.0000777	0.00527	0.00202	0.00399	0.00102
2080 Jun	918	0.0899	0.132	0.0356	7.41	0.32	625	0.0213	0.0011	0.0000999	0.0157	0.0291	0.605	0.0388	0.0000163	171	0.000103	0.0137	0.000887	0.00734	0.0379	0.0000443	29.4	49.6	0.326	0.0115	12.5	0.0456	0.0136	0.000115	0.0027	0.00212	1.35	0.0000749	0.00479	0.00188	0.00383	0.000991
2080 Jul	932	0.0834	0.129	0.0336	6.86	0.342	636	0.0199	0.00101	0.00001	0.0162	0.0286	0.641	0.0402	0.0000164	171	0.000109	0.0147	0.000921	0.00785	0.0359	0.0000469	30.2	52.3	0.334	0.0118	11.8	0.0491	0.0117	0.000107	0.00284	0.00213	1.42	0.0000737	0.00512	0.00197	0.00392	0.000935
2080 Aug	958	0.0787	0.128	0.0319	6.53	0.369	656	0.0188	0.00092	0.0000102	0.0169	0.0283	0.686	0.0422	0.0000166	173	0.000116	0.0158	0.00097	0.00848	0.0344	0.0000501	31.3	55.7	0.345	0.0123	11.3	0.0534	0.00966	0.000101	0.00303	0.00217	1.51	0.0000732	0.00553	0.00209	0.00403	0.000885
2080 Sep	969	0.0778	0.128	0.0315	6.39	0.378	663	0.0186	0.000889	0.0000102	0.0172	0.0283	0.701	0.0428	0.0000167	174	0.000119	0.0162	0.000985	0.00869	0.0336	0.0000512	31.7	56.9	0.349	0.0125	11.1	0.0549	0.00874	0.0000969	0.00309	0.00219	1.54	0.0000731	0.00567	0.00212	0.00406	0.000874
2080 Oct	966	0.0851	0.133	0.035	6.46	0.371	682	0.0207	0.000975	0.0000104	0.017	0.0302	0.696	0.0423	0.0000172	181	0.000117	0.016	0.000983	0.00852	0.0341	0.0000503	32.4	56.6	0.356	0.0127	12	0.0536	0.00865	0.0000954	0.0037	0.00227	1.53	0.0000768	0.00558	0.00209	0.00407	0.000975
2080 Nov	999	0.0875	0.134	0.0359	6.52	0.367	684	0.0213	0.001	0.0000104	0.0169	0.0306	0.689	0.042	0.0000172	183	0.000116	0.0158	0.000976	0.0084	0.0343	0.0000497	32.4	56.2	0.356	0.0127	12.2	0.0529	0.00888	0.0000947	0.00304	0.00229	1.52	0.0000776	0.00552	0.00207	0.00405	0.001
2080 Dec	999	0.088	0.134	0.0361	6.54	0.366	684	0.0214	0.00101	0.0000104	0.0169	0.0307	0.688	0.0419	0.0000173	183	0.000115	0.0157	0.000974	0.00838	0.0344	0.0000496	32.4	56	0.356	0.0127	12.3	0.0527	0.00898	0.0000946	0.00304	0.00229	1.52	0.0000778	0.0055	0.00206	0.00404	0.00101
2081 Jan	1000	0.0888	0.134	0.0365	6.56	0.365	686	0.0216	0.00102	0.0000104	0.0169	0.0309	0.687	0.0419	0.0000173	184	0.000115	0.0157	0.000974	0.00836	0.0345	0.0000495	32.4	56	0.357	0.0127	12.4	0.0525	0.00899	0.0000947	0.00303	0.0023	1.52	0.0000782	0.00549	0.00206	0.00405	0.00102
2081 Feb	1010	0.0896	0.135	0.0369	6.57	0.364	688	0.0218	0.00103	0.0000105	0.0168	0.0311	0.686	0.0418	0.0000174	185	0.000115	0.0157	0.000974	0.00834	0.0346	0.0000494	32.5	56	0.358	0.0128	12.5	0.0524	0.00899	0.000095	0.00303	0.00231	1.52	0.0000786	0.00548	0.00206	0.00405	0.00103
2081 Mar	1010	0.0904	0.136	0.0373	6.59	0.363	691	0.0221	0.00104	0.0000105	0.0168	0.0313	0.686	0.0418	0.0000174	185	0.000115	0.0156	0.000974	0.00832	0.0347	0.0000493	32.6	55.9	0.359	0.0128	12.6	0.0522	0.00899	0.0000952	0.00303	0.00232	1.52	0.0000791	0.00547	0.00205	0.00405	0.00104
2081 Apr	1010	0.0915	0.137	0.0379	6.61	0.363	694	0.0224	0.00105	0.0000105	0.0168	0.0316	0.686	0.0418	0.0000175	187	0.000115	0.0156	0.000976	0.00831	0.0349	0.0000493	32.7	56	0.36	0.0128	12.7	0.0522	0.00898	0.0000954	0.00303	0.00234	1.52	0.0000797	0.00547	0.00205	0.00406	0.00106
2081 May	977	0.0929	0.133	0.0373	7.43	0.343	666	0.0221	0.00108	0.0000103	0.0163	0.0308	0.65	0.0417	0.0000017	182	0.000109	0.0148	0.00096	0.00789	0.0395	0.000047	31.4	53.3	0.35	0.0123	12.8	0.0492	0.0115	0.000142	0.00289	0.00226	1.45	0.0000781	0.00516	0.00201	0.00395	0.00104
2081 Jun	935	0.0957	0.129	0.0377	8.19	0.313	634	0.0224	0.00115	0.0000101	0.0154	0.0303	0.597	0.0408	0.0000165	177	0.000101	0.0135	0.000927	0.00723	0.0443	0.0000434	29.8	49.4	0.337	0.0116	13.1	0.0446	0.0143	0.000189	0.00267	0.00217	1.35	0.0000769	0.00471	0.00192	0.0038	0.00105
2081 Jul	999	0.101	0.136	0.0411	7.84	0.33	680	0.0245	0.0012	0.0000105	0.016	0.0327	0.633	0.0417	0.0000175	189	0.000106	0.0143	0.000964	0.00758	0.0431	0.0000454	31.8	52.3	0.358	0.0123	13.9	0.0469	0.0125	0.000173	0.00283	0.00233	1.42	0.0000802	0.00498	0.00198	0.00396	0.00115
2081 Aug	991	0.0814	0.125	0.0328	6.75	0.38	678	0.0194	0.000923	0.0000104	0.0173	0.0293	0.708	0.0446	0.000017	180	0.00012	0.0163	0.00102	0.00877	0.0377	0.0000515	32.4	57.7	0.361	0.0127	11.5	0.0552	0.00918	0.000142	0.00313	0.00225	1.56	0.0000751	0.00571	0.00219	0.00411	0.000915
2081 Sep	1010	0.084	0.127	0.0343	6.62	0.381	690	0.0203	0.00095	0.0000105	0.0173	0.0302	0.713	0.0444	0.0000173	183	0.00012	0.0164	0.00103	0.00878	0.0371	0.0000516	32.9	58.1	0.365	0.0129	11.8	0.0553	0.00864	0.000133	0.00314	0.00229	1.57	0.0000768	0.00573	0.00218	0.00413	0.000958
2081 Oct	1030	0.0907	0.132	0.0377	6.69	0.374	708	0.0224	0.00103	0.0000107	0.0172	0.0319	0.707	0.0439	0.0000177	190	0.000118	0.0161	0.00102	0.0086	0.0376	0.0000507	33.5	57.8	0.372	0.0131	12.7	0.054	0.0086	0.000132	0.00312	0.00238	1.57	0.0000803	0.00565	0.00215	0.00414	0.00106
2081 Nov	1030	0.0935	0.133	0.0387	6.77	0.367	706	0.023	0.00107	0.0000106	0.017	0.0323	0.695	0.0433	0.0000178	191	0.000116	0.0158	0.00101	0.00842	0.0378	0.0000498	33.3	56.9	0.37	0.013	12.9	0.0528	0.00902	0.00013	0.00308	0.00238	1.54	0.0000801	0.00554	0.00211	0.0041	0.00108
2081 Dec	1030	0.0944	0.133	0.0389	6.8	0.365	705	0.0231	0.00108	0.0000106	0.0169	0.0324	0.691	0.0431	0.0000177	191	0.000115	0.0157	0.001	0.00836	0.0379	0.0000495	33.2	56.6	0.369	0.013	13	0.0524	0.00922	0.000129	0.00306	0.00238	1.54	0.0000812	0.0055	0.0021	0.00409	0.00109
2082 Jan	1030	0.0949	0.133	0.0392	6.82	0.364	706	0.0233	0.00108	0.0000106	0.0169	0.0325	0.69	0.0431	0.0000178	191	0.000115	0.0157	0.001	0.00835	0.038	0.0000494	33.3	56.5	0.369	0.013	13	0.0523	0.00926	0.000129	0.00306	0.00239	1.53	0.0000815	0.00549	0.00209	0.00409	0.0011
2082 Feb	1040	0.0957	0.134	0.0396	6.84	0.363	708	0.0235

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009
2084 Dec	920	0.0748	0.0969	0.0295	5.7	0.359	629	0.0176	0.000859
2085 Jan	922	0.0752	0.0972	0.0297	5.71	0.359	630	0.0177	0.000863
2085 Feb	925	0.0759	0.0979	0.03	5.72	0.358	632	0.0179	0.000872
2085 Mar	929	0.0768	0.0987	0.0305	5.74	0.358	635	0.0182	0.000883
2085 Apr	933	0.0776	0.0994	0.0309	5.76	0.358	638	0.0184	0.000893
2085 May	913	0.0791	0.0986	0.0308	6.31	0.345	622	0.0184	0.00092
2085 Jun	907	0.0872	0.103	0.034	7.14	0.32	616	0.0203	0.00104
2085 Jul	952	0.0847	0.104	0.0344	6.34	0.345	649	0.0205	0.001
2085 Aug	925	0.0637	0.0885	0.0259	4.95	0.385	634	0.0154	0.000727
2085 Sep	936	0.0678	0.091	0.0278	4.87	0.38	642	0.0165	0.000774
2085 Oct	948	0.0744	0.0953	0.0306	5.03	0.369	650	0.0182	0.000853
2085 Nov	939	0.0762	0.0952	0.0309	5.15	0.362	644	0.0184	0.000872
2085 Dec	940	0.0767	0.0955	0.031	5.16	0.361	644	0.0185	0.000878
2086 Jan	943	0.0776	0.0962	0.0315	5.19	0.361	646	0.0188	0.000888
2086 Feb	947	0.0784	0.097	0.0319	5.21	0.36	649	0.019	0.000899
2086 Mar	950	0.0793	0.0978	0.0323	5.23	0.359	651	0.0193	0.00091
2086 Apr	956	0.0803	0.0988	0.0329	5.25	0.359	655	0.0196	0.000923
2086 May	954	0.0813	0.0991	0.033	5.46	0.356	653	0.0197	0.000937
2086 Jun	822	0.0777	0.0884	0.0298	6.7	0.297	557	0.0178	0.000984
2086 Jul	878	0.0748	0.09	0.0304	5.72	0.327	599	0.0182	0.000939
2086 Aug	885	0.0593	0.0798	0.0244	4.54	0.371	606	0.0145	0.000718
2086 Sep	899	0.0617	0.0819	0.0257	4.42	0.371	616	0.0153	0.000743
2086 Oct	914	0.0662	0.0855	0.0278	4.51	0.367	627	0.0166	0.000797
2086 Nov	916	0.0669	0.086	0.0281	4.53	0.367	628	0.0168	0.000805
2086 Dec	919	0.0676	0.0867	0.0284	4.55	0.366	630	0.017	0.000814
2087 Jan	923	0.0685	0.0875	0.0289	4.57	0.365	633	0.0173	0.000825
2087 Feb	927	0.0695	0.0884	0.0294	4.59	0.364	635	0.0175	0.000836
2087 Mar	931	0.0704	0.0892	0.0298	4.61	0.364	638	0.0178	0.000848
2087 Apr	935	0.0713	0.0901	0.0303	4.63	0.363	641	0.0181	0.00086
2087 May	910	0.0722	0.0887	0.0298	5.23	0.351	622	0.0178	0.000877
2087 Jun	822	0.0761	0.0844	0.0286	7.23	0.302	555	0.0171	0.000949
2087 Jul	893	0.0833	0.0935	0.0334	6.76	0.314	606	0.02	0.00103
2087 Aug	912	0.0695	0.0851	0.0286	5.29	0.358	623	0.0171	0.00084
2087 Sep	931	0.0677	0.0849	0.0285	4.81	0.371	637	0.017	0.000809
2087 Oct	947	0.0727	0.0891	0.0309	4.9	0.365	648	0.0185	0.00087
2087 Nov	944	0.0732	0.089	0.0309	4.94	0.363	646	0.0185	0.000875
2087 Dec	945	0.0736	0.0893	0.0311	4.95	0.362	647	0.0186	0.00088
2088 Jan	948	0.0744	0.0901	0.0315	4.97	0.362	649	0.0188	0.00089
2088 Feb	951	0.0751	0.0907	0.0319	4.99	0.361	651	0.0191	0.000899
2088 Mar	955	0.076	0.0915	0.0323	5.01	0.36	654	0.0193	0.00091
2088 Apr	961	0.077	0.0925	0.0328	5.03	0.361	658	0.0196	0.000922
2088 May	970	0.0782	0.0937	0.0334	5.08	0.362	664	0.02	0.000937
2088 Jun	892	0.0758	0.0892	0.0325	5.18	0.322	609	0.0195	0.001
2088 Jul	925	0.0802	0.0939	0.0353	5.06	0.324	632	0.0212	0.00106
2088 Aug	933	0.0685	0.085	0.0303	4.23	0.361	640	0.0181	0.000877
2088 Sep	961	0.0729	0.0895	0.0326	4.21	0.363	659	0.0195	0.000924
2088 Oct	950	0.0778	0.091	0.034	4.47	0.348	651	0.0203	0.000975
2088 Nov	942	0.0793	0.0907	0.034	4.6	0.343	645	0.0204	0.000988
2088 Dec	942	0.0797	0.091	0.0342	4.62	0.342	645	0.0205	0.000992
2089 Jan	945	0.0804	0.0916	0.0345	4.64	0.342	647	0.0207	0.001
2089 Feb	948	0.0811	0.0923	0.0349	4.65	0.341	649	0.0209	0.00101
2089 Mar	952	0.0819	0.093	0.0352	4.67	0.341	652	0.0211	0.00102
2089 Apr	956	0.0827	0.0939	0.0357	4.69	0.341	655	0.0214	0.00103
2089 May	926	0.0834	0.0921	0.0348	5.44	0.327	632	0.0209	0.00104
2089 Jun	876	0.0895	0.0925	0.0355	7.06	0.29	593	0.0214	0.00113
2089 Jul	904	0.0811	0.0882	0.0334	5.9	0.321	615	0.0201	0.00102
2089 Aug	908	0.0695	0.0803	0.0294	4.78	0.352	621	0.0176	0.000867
2089 Sep	911	0.0672	0.0784	0.0285	4.46	0.359	623	0.0171	0.000828
2089 Oct	902	0.073	0.0802	0.03	4.62	0.345	617	0.018	0.000882
2089 Nov	908	0.076	0.0822	0.0312	4.73	0.341	621	0.0187	0.000916
2089 Dec	909	0.0764	0.0826	0.0314	4.74	0.34	622	0.0188	0.000921
2090 Jan	911	0.077	0.0831	0.0316	4.75	0.34	623	0.019	0.000928
2090 Feb	915	0.0778	0.0839	0.032	4.77	0.339	626	0.0192	0.000938
2090 Mar	919	0.0786	0.0847	0.0325	4.79	0.339	628	0.0195	0.000949
2090 Apr	923	0.0795	0.0856	0.0329	4.81	0.338	632	0.0198	0.00096
2090 May	932	0.0817	0.0875	0.034	4.93	0.337	637	0.0204	0.000988
2090 Jun	789	0.0797	0.0789	0.0304	6.9	0.272	532	0.0183	0.00104
2090 Jul	833	0.075	0.078	0.0298	5.9	0.302	565	0.0179	0.000966
2090 Aug	816	0.0588	0.0654	0.0236	4.55	0.335	557	0.0142	0.000755
2090 Sep	831	0.0642	0.0686	0.0256	4.53	0.331	567	0.0154	0.000801
2090 Oct	856	0.0778	0.078	0.031	4.93	0.312	584	0.0186	0.000953
2090 Nov	864	0.082	0.081	0.0327	5.05	0.306	590	0.0197	0.001
2090 Dec	864	0.0823	0.0811	0.0328	5.07	0.305	590	0.0197	0.001
2091 Jan	866	0.0828	0.0815	0.033	5.08	0.305	591	0.0198	0.00101
2091 Feb	869	0.0835	0.0823	0.0334	5.1	0.304	593	0.0201	0.00102
2091 Mar	873	0.0844	0.0832	0.0338	5.12	0.304	596	0.0203	0.00103
2091 Apr	879	0.0854	0.0842	0.0343	5.15	0.304	600	0.0206	0.00104
2091 May	879	0.0876	0.0856	0.035	5.5	0.299	599	0.0211	0.00107
2091 Jun	798	0.087	0.0812	0.0328	7.08	0.261	538	0.0198	0.0011
2091 Jul	862	0.0834	0.0826	0.0334	5.97	0.296	586	0.0201	0.00105
2091 Aug	848	0.0647	0.0688	0.0264	4.53	0.335	579	0.0158	0.000806
2091 Sep	874	0.0693	0.0737	0.0291	4.43	0.334	598	0.0175	0.000867
2091 Oct	886	0.0753	0.078	0.0315	4.58	0.325	605	0.019	0.000934
2091 Nov	871	0.0785	0.0782	0.0319	4.83	0.314	594	0.0192	0.000963
2091 Dec	870	0.0789	0.0783	0.032	4.85	0.313	594	0.0192	0.000967
2092 Jan	871	0.0791	0.0785	0.032	4.86	0.313	594	0.0193	0.000969
2092 Feb	871	0.0793	0.0787	0.0321	4.88	0.313	595	0.0193	0.000971
2092 Mar	873	0.0797	0.079	0.0323	4.89	0.313	596	0.0194	0.000976
2092 Apr	877	0.0803	0.0797	0.0326	4.91	0.313	599	0.0196	0.000984
2092 May	866	0.0806	0.0792	0.0323	5.3	0.308	590	0.0194	0.000992

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154
Operation (2026-2036): Mean	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149
Operation (2026-2036): Max	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209
2084 Dec	0.00000976	0.0164	0.0269	0.666	0.0425	0.0000159	167	0.000113	0.0154	0.000965	0.0083	0.0365	0.0000487	30.2	54.2	0.336	0.0119
2085 Jan	0.00000977	0.0164	0.027	0.665	0.0425	0.000016	167	0.000113	0.0154	0.000965	0.00829	0.0365	0.0000487	30.2	54.2	0.337	0.0119
2085 Feb	0.00000979	0.0164	0.0272	0.665	0.0424	0.000016	168	0.000113	0.0153	0.000965	0.00827	0.0366	0.0000486	30.3	54.2	0.338	0.0119
2085 Mar	0.00000982	0.0164	0.0274	0.665	0.0424	0.0000161	169	0.000112	0.0153	0.000965	0.00825	0.0367	0.0000485	30.4	54.2	0.339	0.0119
2085 Apr	0.00000985	0.0164	0.0277	0.665	0.0424	0.0000161	170	0.000112	0.0153	0.000966	0.00825	0.0368	0.0000485	30.5	54.2	0.34	0.012
2085 May	0.00000975	0.0161	0.0273	0.643	0.0424	0.0000159	167	0.000109	0.0148	0.000958	0.00799	0.0397	0.0000471	29.7	52.6	0.335	0.0117
2085 Jun	0.00000976	0.0154	0.0285	0.603	0.0416	0.000016	170	0.000102	0.0138	0.000938	0.00741	0.0442	0.0000441	29.2	49.8	0.332	0.0114
2085 Jul	0.00001	0.0161	0.0294	0.649	0.0427	0.0000165	176	0.000109	0.0148	0.000975	0.00796	0.041	0.000047	30.8	53.2	0.347	0.012
2085 Aug	0.00000973	0.017	0.0256	0.707	0.0443	0.0000158	164	0.00012	0.0165	0.00101	0.00892	0.0347	0.0000519	30.7	57.3	0.342	0.0122
2085 Sep	0.00000979	0.0169	0.0265	0.7	0.0436	0.000016	167	0.000119	0.0163	0.000995	0.00877	0.034	0.0000512	30.9	56.8	0.343	0.0122
2085 Oct	0.00000988	0.0166	0.0278	0.685	0.0426	0.0000163	171	0.000115	0.0158	0.000979	0.0085	0.0344	0.0000498	31.1	55.7	0.345	0.0123
2085 Nov	0.00000983	0.0164	0.0278	0.674	0.0421	0.0000162	170	0.000113	0.0155	0.000965	0.00834	0.0346	0.0000489	30.7	54.8	0.341	0.0121
2085 Dec	0.00000984	0.0164	0.0279	0.672	0.042	0.0000162	171	0.000113	0.0155	0.000963	0.00832	0.0347	0.0000488	30.7	54.7	0.341	0.0121
2086 Jan	0.00000986	0.0164	0.0281	0.672	0.042	0.0000162	172	0.000113	0.0155	0.000963	0.0083	0.0348	0.0000487	30.8	54.7	0.342	0.0121
2086 Feb	0.00000989	0.0164	0.0283	0.671	0.042	0.0000163	172	0.000113	0.0154	0.000963	0.00828	0.0349	0.0000486	30.9	54.7	0.343	0.0122
2086 Mar	0.00000992	0.0164	0.0286	0.671	0.0419	0.0000164	173	0.000113	0.0154	0.000964	0.00826	0.035	0.0000486	31	54.6	0.344	0.0122
2086 Apr	0.00000996	0.0164	0.0288	0.671	0.0419	0.0000165	175	0.000113	0.0154	0.000965	0.00825	0.0352	0.0000485	31.1	54.7	0.345	0.0122
2086 May	0.00000997	0.0163	0.0289	0.666	0.0421	0.0000165	175	0.000112	0.0153	0.000966	0.00819	0.0363	0.0000482	31	54.4	0.345	0.0122
2086 Jun	0.00000919	0.0146	0.0254	0.555	0.039	0.0000148	153	0.0000959	0.0127	0.000865	0.00689	0.0428	0.0000413	26.5	45.7	0.302	0.0103
2086 Jul	0.00000953	0.0155	0.0266	0.611	0.0404	0.0000155	162	0.000104	0.014	0.000911	0.00757	0.039	0.000045	28.5	50	0.321	0.0112
2086 Aug	0.00000947	0.0166	0.0243	0.679	0.0427	0.0000153	156	0.000116	0.0159	0.000964	0.00859	0.0337	0.0000502	29.4	55	0.327	0.0117
2086 Sep	0.00000954	0.0166	0.0251	0.682	0.0423	0.0000155	160	0.000116	0.0159	0.000962	0.00858	0.0327	0.0000501	29.8	55.2	0.33	0.0118
2086 Oct	0.00000966	0.0165	0.0262	0.678	0.042	0.0000158	164	0.000115	0.0157	0.000959	0.00846	0.0331	0.0000496	30.1	54.9	0.334	0.0119
2086 Nov	0.00000968	0.0165	0.0263	0.677	0.042	0.0000158	164	0.000115	0.0157	0.000959	0.00845	0.0332	0.0000495	30.2	54.9	0.334	0.0119
2086 Dec	0.0000097	0.0165	0.0265	0.676	0.042	0.0000158	165	0.000114	0.0157	0.000959	0.00843	0.0333	0.0000495	30.3	54.9	0.335	0.0119
2087 Jan	0.00000972	0.0164	0.0268	0.676	0.0419	0.0000159	166	0.000114	0.0156	0.000959	0.00841	0.0334	0.0000494	30.4	54.9	0.336	0.012
2087 Feb	0.00000975	0.0164	0.027	0.675	0.0419	0.000016	167	0.000114	0.0156	0.000959	0.00839	0.0335	0.0000493	30.4	54.9	0.337	0.012
2087 Mar	0.00000978	0.0164	0.0273	0.675	0.0418	0.000016	168	0.000114	0.0156	0.00096	0.00837	0.0336	0.0000492	30.5	54.9	0.338	0.012
2087 Apr	0.00000982	0.0164	0.0275	0.675	0.0418	0.0000161	169	0.000114	0.0156	0.00096	0.00836	0.0337	0.0000491	30.7	54.9	0.339	0.0121
2087 May	0.00000968	0.0161	0.0269	0.652	0.0418	0.0000158	166	0.00011	0.015	0.00095	0.0081	0.0367	0.0000477	29.8	53.1	0.333	0.0117
2087 Jun	0.00000917	0.0147	0.0249	0.563	0.0411	0.0000147	153	0.0000974	0.0129	0.000904	0.00706	0.0466	0.0000421	26.6	46.5	0.308	0.0103
2087 Jul	0.00000965	0.0151	0.028	0.593	0.0414	0.0000158	168	0.000101	0.0135	0.000931	0.00729	0.0448	0.0000434	28.7	49	0.328	0.0112
2087 Aug	0.00000968	0.0163	0.0265	0.663	0.0431	0.0000158	165	0.000113	0.0153	0.000977	0.00829	0.0384	0.0000486	29.9	54.1	0.337	0.0118
2087 Sep	0.00000977	0.0166	0.0267	0.686	0.0435	0.000016	167	0.000116	0.0159	0.000993	0.00857	0.0363	0.0000501	30.7	55.8	0.343	0.0121
2087 Oct	0.00000989	0.0165	0.028	0.68	0.0431	0.0000163	172	0.000115	0.0157	0.000988	0.00842	0.0366	0.0000494	31	55.4	0.346	0.0122
2087 Nov	0.00000987	0.0164	0.0279	0.676	0.0429	0.0000162	172	0.000114	0.0156	0.000983	0.00838	0.0367	0.0000491	30.9	55.1	0.345	0.0122
2087 Dec	0.00000988	0.0164	0.028	0.676	0.0429	0.0000163	172	0.000114	0.0156	0.000983	0.00837	0.0367	0.0000491	30.9	55.1	0.345	0.0122
2088 Jan	0.0000099	0.0164	0.0282	0.675	0.0428	0.0000163	173	0.000114	0.0155	0.000983	0.00835	0.0368	0.000049	31	55	0.346	0.0122
2088 Feb	0.00000993	0.0164	0.0284	0.675	0.0428	0.0000164	174	0.000114	0.0155	0.000983	0.00833	0.0369	0.0000489	31.1	55	0.347	0.0122
2088 Mar	0.00000995	0.0164	0.0287	0.674	0.0428	0.0000164	174	0.000114	0.0155	0.000983	0.00831	0.037	0.0000488	31.2	55	0.348	0.0122
2088 Apr	0.00001	0.0164	0.029	0.676	0.0429	0.0000165	176	0.000114	0.0155	0.000986	0.00832	0.0372	0.0000489	31.3	55.2	0.35	0.0123
2088 May	0.0000101	0.0165	0.0293	0.679	0.0431	0.0000167	178	0.000114	0.0156	0.000991	0.00835	0.0374	0.0000491	31.6	55.5	0.353	0.0124
2088 Jun	0.00000967	0.0154	0.0277	0.606	0.0393	0.0000158	165	0.000103	0.0138	0.000896	0.00742	0.038	0.0000444	28.8	49.6	0.322	0.0113
2088 Jul	0.00000992	0.0156	0.0293	0.614	0.0393	0.0000163	172	0.000104	0.0139	0.000905	0.00744	0.0378	0.0000446	29.8	50.3	0.332	0.0116
2088 Aug	0.00000987	0.0165	0.0275	0.673	0.0417	0.0000162	169	0.000114	0.0155	0.000959	0.00833	0.0344	0.0000491	30.6	54.7	0.339	0.012
2088 Sep	0.0000101	0.0166	0.0289	0.68	0.0418	0.0000166	175	0.000115	0.0156	0.000968	0.00834	0.0344	0.0000492	31.4	55.3	0.347	0.0123
2088 Oct	0.00000999	0.0162	0.0292	0.655	0.0406	0.0000165	175	0.00011	0.015	0.00094	0.00799	0.0348	0.0000474	30.8	53.4	0.341	0.0121
2088 Nov	0.00000994	0.016	0.0291	0.645	0.0402	0.0000164	174	0.000109	0.0147	0.000928	0.00787	0.035	0.0000467	30.5	52.7	0.337	0.012
2088 Dec	0.00000995	0.016	0.0292	0.644	0.0402	0.0000164	174	0.000109	0.0147	0.000927	0.00786	0.0351	0.0000467	30.5	52.6	0.338	0.012
2089 Jan	0.00000997	0.016	0.0294	0.644	0.0401	0.0000165	174	0.000108	0.0147	0.000927	0.00784	0.0351	0.0000466	30.6	52.6	0.338	0.012
2089 Feb	0.00000999	0.016	0.0296	0.644	0.0401	0.0000165	175	0.000108	0.0147	0.000928	0.00783	0.0352	0.0000465	30.7	52.6	0.339	0.012
2089 Mar	0.00001	0.016	0.0298	0.643	0.0401	0.0000166	176	0.000108	0.0147	0.000928	0.00781	0.0353	0.0000465	30.8	52.6	0.34	0.012
2089 Apr	0.0000101	0.016	0.03	0.644	0.0401	0.0000167	177	0.000108	0.0147	0.00093	0.00781	0.0355	0.0000465	30.9	52.7	0.342	0.0121
2089 May	0.00000989	0.0156	0.0292	0.617	0.0402	0.0000163	173	0.000104	0.014	0.00092	0.00752	0.0391	0.0000449	29.8	50.7	0.334	0.0116
2089 Jun	0.00000962	0.0146	0.0286	0.553	0.0398	0.0000157	167	0.0000945	0.0125	0.000892	0.00672	0.0471	0.0000406	27.9	46	0.32	0.0108
2089 Jul	0.00000972	0.0154	0.0282	0.606	0.041	0.0000159	169	0.000103	0.0138	0.000928	0.00743	0.0422	0.0000443	29.2	49.9	0.33	0.0114
2089 Aug	0.00000967	0.0161	0.0267	0.653	0.0421	0.0000158	165	0.000111	0.0151	0.000956	0.00813	0.0373	0.0000478	29.8	53.2	0.333	0.0117
2089 Sep	0.00000964	0.0163	0.0264	0.665	0.0422	0.0000157	164	0.000113	0.0154	0.000961	0.0083	0.0358	0.0000487	29.9	54.1	0.334	0.0118
2089 Oct	0.00000958	0.0159	0.0269	0.641	0.0408	0.0000157	164	0.000108	0.0148	0.000929	0.00795	0.0354	0.0000468	29.5	52.3	0.328	0.0116
2089 Nov	0.00000963	0.0158	0.0274	0.636	0.0405	0.0000158	166	0.000107	0.0146	0.000923	0.00784	0.0357	0.0000463	29.6	51.9	0.328	0.0116
2089 Dec	0.00000964	0.0158	0.0275	0.635	0.0404	0.0000158	167	0.000107	0.0146	0.000922	0.00783	0.0357	0.0000462	29.6	51.8	0.329	0.0116
2090 Jan	0.00000966	0.0158	0.0277	0.635	0.0404	0.0000159	167	0.000107	0.0146	0.000923	0.00782	0.0358	0.0000462	29.6	51.8	0.329	0.0116
2090 Feb	0.00000968	0.0158	0.0279	0.634	0.0404	0.0000159	168	0.000107	0.0145	0.000923	0.0078	0.0359	0.0000461	29.7	51.8	0.33	0.0117
2090 Mar	0.00000971	0.0158	0.0281	0.634	0.0403	0.000016	169	0.000107	0.0145	0.000923	0.00779	0.036	0.000046	29.8	51.8	0.331	0.0117
2090 Apr	0.00000975	0.0158	0.0284	0.635	0.0404	0.0000161	170	0.000107	0.0145	0.000925	0.00778	0.0361	0.000046	29.9	51.9	0.333	0.0117
2090 May	0.00000982	0.0158	0.0289	0.633	0.0404	0.0000162	173	0.000106	0.0145	0.000927	0.00774	0.0368	0.0000459	30.2	51.9	0.335	0.0118
2090 Jun	0.00000899	0.0139	0.0251	0.511	0.038	0.0000144	150	0.0000889	0.0116	0.000833	0.00633	0.0463	0.0000383	25.3	42.5	0.291	0.00977
2090 Jul	0.00000921	0.0147	0.0257	0.566	0.0393	0.0000149	155	0.0000973	0.0129	0.000877	0.00702	0.0422	0.0000419	26.9	46.6	0.306	0.0105
2090 Aug	0.00000897	0.0153	0.0229	0.612	0.04	0.0000144	146	0.000105	0.0142	0.000891	0.00775	0.0351	0.0000456	27	49.7	0.302	0.0106
2090 Sep	0.00000906	0.0153	0.024	0.609	0.0394	0.0000146	150	0.000104	0.0141	0.000882	0.00765	0.0344	0.0000451	27.3	49.5	0.304	0.0108
2090 Oct	0.00000926	0.0148	0.0265	0.583	0.0378	0.0000151	159	0.0000984	0.0133	0.000855	0.00716	0.0354	0.0000427	27.7	47.7	0.308	0.0109
2090 Nov	0.00000932	0.0147	0.0273	0.575	0.0373	0.0000153	161	0.0000966	0.0131	0.000846	0.00701	0.0356	0.0000419	27.8	47.1	0.309	0.0109
2090 Dec	0.00000932	0.0147	0.0274	0.574	0.0373	0.0000153	161	0.0000964	0.013	0.000845	0.00699	0.0357	0.0000418	27.8	47.1	0.308	0.0109
2091 Jan	0.00000934	0.0147	0.0275	0.573	0.0372	0.0000153	162	0.0000963	0.013	0.000845	0.00698	0.0358	0.0000418	27.9	47	0.309	0.0109
2091 Feb	0.00000936	0.0147	0.0277	0.573	0.0372	0.0000154	163	0.0000962	0.013	0.000846	0.00697	0.0359	0.0000417	27.9	47	0.31	0.0109
2091 Mar	0.00000939	0.0147	0.0279	0.573	0.0372	0.0000154	164	0.0000961	0.013	0.000847	0.00695	0.036	0.0000416	28	47.1	0.311	0.011
2091 Apr	0.00000944	0.0147	0.0282	0.574	0.0373	0.0000155	165	0.0000962	0.013	0.000849	0.00695	0.0362	0.0000417	28.2	47.2	0.313	0.011
2091 May	0.00000948	0.0146	0.0285	0.566	0.0375	0.0000156	166	0.000095	0.0128	0.000851	0.00684	0.038	0.0000411	28.1	46.6	0.314	0.011
2091 Jun	0.000009	0.0135	0.0263	0.495	0.0371	0.0000145	153	0.0000851	0.0112	0.000816	0.00605	0.0462	0.0000368	25.3	41.3	0.291	0.00976
2091 Jul	0.00000938	0.0145	0.0276	0.561	0.0388	0.0000153	163	0.0000952	0.0127	0.000873	0.00685	0.0421	0.0000411	27.6	46.3	0.313	0.0107
2091 Aug	0.00000915	0.0154	0.0246	0.619	0.0402	0.0000148	153	0.000105	0.0143	0.000905	0.00775	0.0357	0.0000456	27.9	50.4	0.312	0.011
2091 Sep	0.00000933	0.0154	0.0261	0.62	0.0398	0.0000152	160	0.000105	0.0143	0.000903	0.00769	0.0349	0.0000454	28.6	50.6	0.318	0.0112
2091 Oct	0.00000941	0.0151	0.0272	0.609	0.039	0.0000155	163	0.000102	0.0139	0.00089	0.00746	0.0351	0.0000443	28.7	49.8	0.32	0.0113
2091 Nov	0.00000933	0.0149	0.0271	0.589	0.0381	0.0000153	162	0.000099	0.0134	0.000866	0.00721	0.0355	0.0000429	28.1	48.2	0.313	0.011
2091 Dec	0.00000933	0.0148	0.0271	0.587	0.038	0.0000153	162	0.0000987	0.0134	0.000864	0.00719	0.0356	0.0000428	28.1	48.1	0.312	0.011
2092 Jan	0.00000933	0.0148	0.0272	0.587	0.038	0.0000153	162	0.0000987	0.0134	0.000864	0.00718	0.0356	0.0000428	28.1	48.1	0.313	0.011
2092 Feb	0.00000934	0.0148	0.0272	0.587	0.038	0.0000153	162	0.0000986	0.0134	0.000864	0.00718	0.0357	0.0000428	28.1	48.1	0.313	0.011
2092 Mar	0.00000936	0.0148	0.0273	0.587	0.0381	0.0000153	162	0.0000986	0.0134	0.000865	0.00717	0.0358	0.0000427	28.2	48.1	0.313	0.011
2092 Apr	0.00000939	0.0149	0.0275	0.588	0.0381	0.0000154	163	0.0000987	0.0134	0.000867	0.00718	0.0359	0.0000428	28.3	48.2	0.314	0.0111
2092 May	0.00000934	0.0147	0.0272	0.579	0.0384	0.0000153	162	0.0000975	0.0132	0.000869	0.00708	0.038	0.0000423	27.9	47.5	0.313	0.0109

Constituents	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2084 Dec	9.94	0.0521	0.01	0.000136	0.00293	0.00208	1.47	0.00000696	0.00538	0.00206	0.00385	0.000827
2085 Jan	9.99	0.0521	0.01	0.000136	0.00293	0.00208	1.47	0.00000698	0.00538	0.00206	0.00385	0.000832
2085 Feb	10.1	0.0519	0.01	0.000136	0.00293	0.00209	1.47	0.00000702	0.00537	0.00206	0.00386	0.000842
2085 Mar	10.2	0.0518	0.01	0.000136	0.00293	0.0021	1.47	0.00000707	0.00536	0.00205	0.00386	0.000855
2085 Apr	10.3	0.0518	0.01	0.000136	0.00293	0.00212	1.47	0.00000711	0.00536	0.00205	0.00387	0.000867
2085 May	10.5	0.0499	0.0116	0.000164	0.00284	0.00207	1.43	0.00000705	0.00517	0.00203	0.00381	0.000864
2085 Jun	11.5	0.0458	0.0136	0.000203	0.00269	0.00209	1.36	0.00000728	0.0048	0.00195	0.00373	0.000954
2085 Jul	11.3	0.0496	0.0111	0.000174	0.00288	0.00219	1.45	0.00000747	0.00518	0.00204	0.00388	0.000967
2085 Aug	8.76	0.0565	0.00788	0.000135	0.0031	0.00206	1.55	0.00000668	0.00578	0.00219	0.00396	0.000724
2085 Sep	9.19	0.0555	0.00777	0.000122	0.00307	0.0021	1.54	0.00000686	0.0057	0.00214	0.00394	0.000779
2085 Oct	9.93	0.0536	0.00822	0.000119	0.00301	0.00214	1.51	0.00000712	0.00554	0.00209	0.00391	0.000859
2085 Nov	10	0.0525	0.00885	0.000117	0.00296	0.00213	1.48	0.00000712	0.00543	0.00205	0.00386	0.000868
2085 Dec	10.1	0.0523	0.00892	0.000117	0.00296	0.00213	1.48	0.00000713	0.00542	0.00205	0.00386	0.000873
2086 Jan	10.2	0.0522	0.00893	0.000117	0.00295	0.00214	1.48	0.00000718	0.00541	0.00204	0.00386	0.000885
2086 Feb	10.3	0.052	0.00893	0.000117	0.00295	0.00215	1.48	0.00000723	0.0054	0.00204	0.00387	0.000897
2086 Mar	10.4	0.0519	0.00892	0.000117	0.00295	0.00217	1.48	0.00000727	0.00539	0.00204	0.00387	0.00091
2086 Apr	10.6	0.0518	0.00892	0.000117	0.00295	0.00218	1.48	0.00000734	0.00539	0.00204	0.00388	0.000925
2086 May	10.7	0.0514	0.00947	0.000127	0.00294	0.00218	1.47	0.00000735	0.00535	0.00204	0.00387	0.00093
2086 Jun	10.2	0.0424	0.0156	0.00019	0.00248	0.00188	1.25	0.00000665	0.00443	0.00182	0.00354	0.000834
2086 Jul	10.1	0.0472	0.0124	0.000156	0.00271	0.002	1.36	0.0000069	0.0049	0.00194	0.00373	0.000854
2086 Aug	8.17	0.0544	0.0088	0.000124	0.00298	0.00196	1.49	0.00000642	0.00555	0.0021	0.00386	0.000683
2086 Sep	8.46	0.0543	0.00823	0.000112	0.00299	0.002	1.49	0.00000657	0.00556	0.00209	0.00386	0.000722
2086 Oct	9.01	0.0535	0.00831	0.000111	0.00298	0.00205	1.49	0.00000679	0.0055	0.00207	0.00386	0.000782
2086 Nov	9.08	0.0533	0.00837	0.000111	0.00297	0.00206	1.49	0.00000682	0.00549	0.00206	0.00386	0.00079
2086 Dec	9.18	0.0532	0.00838	0.000111	0.00297	0.00207	1.48	0.00000686	0.00548	0.00206	0.00387	0.0008
2087 Jan	9.3	0.0531	0.00837	0.000111	0.00297	0.00208	1.48	0.00000691	0.00547	0.00206	0.00387	0.000813
2087 Feb	9.42	0.0529	0.00836	0.000111	0.00297	0.00209	1.48	0.00000696	0.00546	0.00206	0.00387	0.000826
2087 Mar	9.54	0.0528	0.00835	0.000111	0.00297	0.00211	1.48	0.00000701	0.00546	0.00205	0.00388	0.000839
2087 Apr	9.67	0.0527	0.00834	0.000111	0.00297	0.00212	1.49	0.00000707	0.00545	0.00205	0.00388	0.000853
2087 May	9.73	0.0508	0.0101	0.000141	0.00288	0.00206	1.44	0.00000695	0.00526	0.00202	0.00382	0.000838
2087 Jun	10	0.0435	0.0158	0.00024	0.00251	0.00187	1.27	0.00000656	0.00451	0.0019	0.00356	0.000801
2087 Jul	11.1	0.045	0.0138	0.000215	0.00265	0.00206	1.33	0.00000719	0.00472	0.00194	0.0037	0.00094
2087 Aug	9.44	0.0521	0.00991	0.000166	0.00293	0.00206	1.47	0.00000686	0.00537	0.00209	0.00386	0.000806
2087 Sep	9.24	0.0541	0.00846	0.000147	0.00302	0.00209	1.51	0.00000691	0.00556	0.00213	0.00392	0.000802
2087 Oct	9.87	0.053	0.00854	0.000146	0.003	0.00215	1.5	0.00000715	0.00549	0.0021	0.00392	0.00087
2087 Nov	9.89	0.0527	0.00874	0.000145	0.00298	0.00214	1.49	0.00000715	0.00545	0.00209	0.00391	0.000872
2087 Dec	9.94	0.0526	0.00877	0.000145	0.00298	0.00215	1.49	0.00000717	0.00545	0.00209	0.0039	0.000877
2088 Jan	10	0.0525	0.00877	0.000145	0.00298	0.00216	1.49	0.00000721	0.00544	0.00209	0.00391	0.000889
2088 Feb	10.1	0.0524	0.00876	0.000145	0.00298	0.00217	1.49	0.00000725	0.00543	0.00208	0.00391	0.000899
2088 Mar	10.3	0.0523	0.00876	0.000145	0.00298	0.00218	1.49	0.0000073	0.00542	0.00208	0.00391	0.000911
2088 Apr	10.4	0.0523	0.00877	0.000145	0.00298	0.00219	1.5	0.00000736	0.00543	0.00208	0.00393	0.000925
2088 May	10.5	0.0525	0.00881	0.000146	0.003	0.00222	1.5	0.00000744	0.00545	0.00209	0.00395	0.000941
2088 Jun	10.4	0.0462	0.0123	0.00014	0.0027	0.00205	1.35	0.00000713	0.00483	0.0019	0.00376	0.000916
2088 Jul	11	0.0464	0.0118	0.000132	0.00274	0.00214	1.37	0.00000747	0.00487	0.00191	0.00383	0.000994
2088 Aug	9.47	0.0525	0.00893	0.000116	0.00297	0.00212	1.48	0.00000709	0.00543	0.00207	0.00394	0.000854
2088 Sep	10.1	0.0526	0.00838	0.000113	0.003	0.00219	1.5	0.00000737	0.00546	0.00207	0.00398	0.000921
2088 Oct	10.4	0.0502	0.00941	0.000109	0.0029	0.00218	1.45	0.00000743	0.00524	0.00199	0.00389	0.000959
2088 Nov	10.5	0.0493	0.01	0.000108	0.00285	0.00216	1.43	0.00000741	0.00515	0.00196	0.00385	0.00096
2088 Dec	10.5	0.0492	0.0101	0.000108	0.00285	0.00217	1.43	0.00000742	0.00514	0.00196	0.00385	0.000964
2089 Jan	10.6	0.0491	0.0101	0.000108	0.00285	0.00218	1.43	0.00000746	0.00514	0.00196	0.00385	0.000974
2089 Feb	10.7	0.049	0.0101	0.000108	0.00285	0.00219	1.43	0.0000075	0.00513	0.00196	0.00386	0.000984
2089 Mar	10.8	0.0489	0.0101	0.000108	0.00285	0.0022	1.43	0.00000754	0.00512	0.00195	0.00386	0.000995
2089 Apr	10.9	0.0489	0.0101	0.000108	0.00285	0.00221	1.43	0.0000076	0.00513	0.00195	0.00387	0.00101
2089 May	11	0.0468	0.0121	0.000145	0.00274	0.00214	1.38	0.00000743	0.00491	0.00193	0.00379	0.000983
2089 Jun	11.7	0.0411	0.0162	0.000223	0.00249	0.00204	1.26	0.00000732	0.00435	0.00184	0.00362	0.001
2089 Jul	10.7	0.0461	0.0129	0.000185	0.0027	0.00208	1.36	0.00000723	0.00483	0.00194	0.00374	0.000942
2089 Aug	9.36	0.051	0.0101	0.00015	0.00288	0.00206	1.44	0.00000691	0.00527	0.00204	0.00382	0.000828
2089 Sep	9.03	0.0522	0.00922	0.000137	0.00293	0.00205	1.46	0.00000684	0.00538	0.00206	0.00384	0.000803
2089 Oct	9.44	0.0498	0.0101	0.000124	0.00283	0.00205	1.42	0.00000693	0.00516	0.00197	0.00375	0.000847
2089 Nov	9.76	0.0491	0.0104	0.000123	0.0028	0.00207	1.41	0.00000704	0.0051	0.00195	0.00374	0.00088
2089 Dec	9.81	0.049	0.0104	0.000123	0.0028	0.00208	1.41	0.00000706	0.0051	0.00195	0.00374	0.000885
2090 Jan	9.89	0.0489	0.0104	0.000123	0.0028	0.00208	1.41	0.00000709	0.00509	0.00194	0.00374	0.000893
2090 Feb	10	0.0488	0.0104	0.000123	0.0028	0.00209	1.41	0.00000713	0.00508	0.00194	0.00374	0.000905
2090 Mar	10.1	0.0487	0.0104	0.000123	0.0028	0.00211	1.41	0.00000718	0.00508	0.00194	0.00375	0.000918
2090 Apr	10.2	0.0486	0.0104	0.000123	0.0028	0.00212	1.41	0.00000724	0.00507	0.00194	0.00375	0.000931
2090 May	10.5	0.0483	0.0106	0.000127	0.0028	0.00214	1.41	0.00000735	0.00505	0.00194	0.00377	0.000959
2090 Jun	10.3	0.0386	0.0178	0.000222	0.0023	0.00182	1.16	0.00000659	0.00405	0.00174	0.00341	0.000854
2090 Jul	9.79	0.0434	0.0145	0.00019	0.00252	0.00191	1.27	0.00000669	0.00452	0.00185	0.00356	0.00084
2090 Aug	7.77	0.0486	0.0111	0.000136	0.00269	0.00182	1.35	0.00000611	0.00498	0.00192	0.00358	0.000665
2090 Sep	8.24	0.0479	0.0111	0.000122	0.00268	0.00187	1.34	0.00000631	0.00493	0.00189	0.00357	0.000721
2090 Oct	9.71	0.0445	0.0121	0.000113	0.00257	0.00197	1.3	0.00000683	0.00465	0.00179	0.00352	0.000875
2090 Nov	10.2	0.0434	0.0124	0.000111	0.00254	0.002	1.28	0.00000699	0.00456	0.00175	0.0035	0.000923
2090 Dec	10.2	0.0433	0.0125	0.000111	0.00254	0.002	1.28	0.000007	0.00455	0.00175	0.0035	0.000926
2091 Jan	10.3	0.0433	0.0125	0.000111	0.00254	0.002	1.28	0.00000702	0.00455	0.00175	0.0035	0.000931
2091 Feb	10.4	0.0431	0.0125	0.000111	0.00254	0.00201	1.28	0.00000706	0.00454	0.00175	0.0035	0.000943
2091 Mar	10.5	0.0431	0.0125	0.000111	0.00254	0.00203	1.28	0.00000711	0.00454	0.00175	0.00351	0.000956
2091 Apr	10.6	0.043	0.0125	0.000112	0.00254	0.00204	1.28	0.00000718	0.00454	0.00175	0.00352	0.00097
2091 May	10.9	0.0422	0.0132	0.000129	0.00251	0.00205	1.27	0.00000724	0.00447	0.00174	0.00352	0.00099
2091 Jun	10.9	0.0366	0.0179	0.000215	0.00223	0.00186	1.13	0.0000068	0.00388	0.00166	0.00332	0.000926
2091 Jul	10.7	0.0422	0.0142	0.000181	0.0025	0.002	1.26	0.00000707	0.00444	0.0018	0.00354	0.000945
2091 Aug	8.42	0.0486	0.0106	0.00014	0.00272	0.00191	1.37	0.00000643	0.00501	0.00193	0.00362	0.000744
2091 Sep	9.07	0.0482	0.00993	0.000126	0.00273	0.00199	1.37	0.00000673	0.00499	0.00191	0.00364	0.000822
2091 Oct	9.72	0.0466	0.0103	0.000122	0.00269	0.00203	1.35	0.00000696	0.00487	0.00186	0.00361	0.000892
2091 Nov	9.88	0.0448	0.0115	0.000118	0.0026	0.002	1.31	0.00000694	0.00469	0.0018	0.00354	0.000901
2091 Dec	9.9	0.0447	0.0115	0.000118	0.0026	0.002	1.31	0.00000695	0.00468	0.0018	0.00354	0.000904
2092 Jan	9.93	0.0447	0.0116	0.000118	0.00259	0.002	1.31	0.00000695	0.00468	0.0018	0.00354	0.000906
2092 Feb	9.95	0.0446	0.0116	0.000118	0.00259	0.00201	1.31	0.00000696	0.00467	0.0018	0.00354	0.000908
2092 Mar	10	0.0446	0.0116	0.000118	0.00259	0.00201	1.31	0.00000699	0.00467	0.0018	0.00354	0.000914
2092 Apr	10.1	0.0446	0.0116	0.000119	0.0026	0.00202	1.31	0.00000703	0.00468	0.0018	0.00355	0.000923
2092 May	10.1	0.0439	0.0125	0.000141	0.00256	0.002	1.29	0.00000697	0.0046	0.0018	0.00353	0.000913

Appendix D.2-3: CP3

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	4.26	7.09	0.0294	343	0.0345	127	0.00569	0.00153	0.0000106	0.00743	0.0405	0.0825	0.0328	0.0000208	70	0.0000454	0.00496	0.000535	0.00307	0.0444	0.0000105	15.1	34.3	0.318	0.00154	194	0.0211	0.0175	0.000172	0.000379	0.0011	0.373	0.0000153	0.00261	0.00134	0.00242	0.000436
Operation (2026-2036): Mean	9140	55.2	105	0.208	3990	0.107	1420	0.0693	0.00657	0.0000647	0.0293	0.25	0.882	0.194	0.000169	663	0.000319	0.0469	0.00371	0.0234	0.066	0.0000144	179	420	3.17	0.0149	2340	0.243	0.028	0.000647	0.00323	0.0118	3.02	0.000135	0.0339	0.00989	0.012	0.00384
Operation (2026-2036): Max	13400	79.5	151	0.334	6210	0.161	2030	0.0999	0.009	0.0000902	0.0386	0.376	1.26	0.268	0.000238	939	0.000444	0.0668	0.00518	0.0331	0.0819	0.0000165	256	605	4.52	0.0209	3370	0.349	0.0457	0.000871	0.00454	0.0169	4.25	0.000192	0.0488	0.0137	0.0164	0.00642
2092 Jun	743	0.0722	0.0679	0.0267	6.56	0.268	501	0.0161	0.000944	0.00000854	0.0135	0.023	0.498	0.0373	0.0000136	140	0.0000869	0.0114	0.000811	0.00625	0.0447	0.0000376	23.9	41.3	0.277	0.00929	9.16	0.0381	0.0173	0.00022	0.00223	0.0017	1.13	0.0000061	0.00397	0.0017	0.00327	0.000752
2092 Jul	809	0.068	0.0688	0.0273	5.18	0.304	550	0.0165	0.000878	0.00000089	0.0145	0.0243	0.566	0.0387	0.0000144	149	0.0000971	0.013	0.000862	0.00706	0.0393	0.000042	26.3	46.4	0.298	0.0103	8.86	0.0439	0.013	0.000173	0.00251	0.00184	1.26	0.0000636	0.00455	0.00183	0.00348	0.000771
2092 Aug	842	0.0615	0.0657	0.0256	4.29	0.336	575	0.0154	0.000782	0.00000907	0.0154	0.0242	0.619	0.0403	0.0000147	152	0.000106	0.0143	0.000907	0.00777	0.0357	0.0000457	27.7	50.4	0.311	0.0109	8.13	0.0488	0.0102	0.000146	0.00273	0.00189	1.37	0.0000633	0.00502	0.00195	0.00362	0.000724
2092 Sep	886	0.069	0.0736	0.0298	4.24	0.335	606	0.0179	0.000872	0.00000937	0.0154	0.0266	0.625	0.0401	0.0000154	162	0.000106	0.0144	0.000915	0.00773	0.0355	0.0000456	28.9	51	0.323	0.0113	9.16	0.0485	0.00946	0.000137	0.00276	0.00202	1.38	0.0000682	0.00503	0.00194	0.00368	0.000843
2092 Oct	923	0.0774	0.0817	0.034	4.33	0.33	632	0.0205	0.000972	0.00000963	0.0153	0.0289	0.623	0.0396	0.000016	171	0.000104	0.0142	0.000915	0.00758	0.0359	0.0000449	29.8	51	0.333	0.0117	10.3	0.0474	0.00916	0.000133	0.00276	0.00213	1.39	0.0000728	0.00497	0.00191	0.00371	0.000964
2092 Nov	927	0.0793	0.083	0.0348	4.39	0.327	634	0.0209	0.000993	0.00000966	0.0153	0.0292	0.62	0.0394	0.0000161	172	0.000104	0.0141	0.000912	0.00752	0.036	0.0000446	29.9	50.8	0.333	0.0117	10.5	0.047	0.00932	0.000132	0.00275	0.00214	1.38	0.0000735	0.00493	0.0019	0.00371	0.000985
2092 Dec	929	0.0798	0.0834	0.035	4.41	0.327	635	0.021	0.001	0.00000968	0.0153	0.0293	0.62	0.0394	0.0000161	173	0.000104	0.0141	0.000912	0.0075	0.0361	0.0000445	29.9	50.8	0.334	0.0117	10.5	0.0469	0.00935	0.000131	0.00275	0.00215	1.38	0.0000738	0.00492	0.0019	0.00371	0.000992
2093 Jan	930	0.0803	0.0838	0.0352	4.42	0.326	637	0.0212	0.001	0.00000969	0.0153	0.0294	0.619	0.0394	0.0000161	173	0.000104	0.0141	0.000912	0.00749	0.0361	0.0000445	30	50.8	0.334	0.0117	10.6	0.0468	0.00936	0.000132	0.00275	0.00216	1.38	0.0000074	0.00492	0.0019	0.00371	0.000998
2093 Feb	933	0.0809	0.0845	0.0355	4.44	0.326	638	0.0214	0.00101	0.00000971	0.0153	0.0296	0.619	0.0393	0.0000162	174	0.000103	0.0141	0.000912	0.00748	0.0362	0.0000444	30	50.8	0.335	0.0117	10.7	0.0467	0.00936	0.000132	0.00275	0.00216	1.38	0.0000744	0.00491	0.0019	0.00371	0.00101
2093 Mar	937	0.0817	0.0853	0.0359	4.46	0.326	641	0.0216	0.00102	0.00000974	0.0153	0.0298	0.619	0.0393	0.0000162	175	0.000103	0.0141	0.000913	0.00747	0.0363	0.0000444	30.2	50.8	0.336	0.0118	10.8	0.0467	0.00935	0.000132	0.00275	0.00218	1.38	0.0000748	0.00491	0.0019	0.00372	0.00102
2093 Apr	942	0.0826	0.0861	0.0364	4.48	0.326	644	0.0219	0.00103	0.00000978	0.0153	0.0301	0.62	0.0394	0.0000163	176	0.000103	0.0141	0.000915	0.00747	0.0365	0.0000444	30.3	50.9	0.337	0.0118	10.9	0.0466	0.00936	0.000132	0.00275	0.00219	1.38	0.0000754	0.00491	0.0019	0.00373	0.00103
2093 May	944	0.0857	0.0883	0.0374	4.86	0.319	645	0.0225	0.00107	0.00000983	0.0152	0.0306	0.611	0.0395	0.0000164	178	0.000102	0.0138	0.000915	0.00733	0.0384	0.0000437	30.2	50.3	0.338	0.0118	11.3	0.0456	0.0102	0.000148	0.00272	0.0022	1.37	0.0000764	0.00482	0.00189	0.00372	0.00106
2093 Jun	867	0.0888	0.0866	0.0366	6.53	0.276	587	0.0221	0.00114	0.00000939	0.0139	0.0289	0.532	0.0384	0.0000154	167	0.0000902	0.0119	0.000867	0.00639	0.0462	0.0000386	27.4	44.3	0.315	0.0106	11.6	0.039	0.0151	0.000225	0.0024	0.00204	1.21	0.0000731	0.00416	0.00176	0.0035	0.00103
2093 Jul	898	0.0828	0.0836	0.0352	5.5	0.305	611	0.0212	0.00106	0.00000954	0.0147	0.0289	0.581	0.0395	0.0000158	170	0.000098	0.0132	0.000901	0.00704	0.0419	0.000042	28.8	48	0.326	0.0112	10.9	0.0436	0.0122	0.000189	0.0026	0.00209	1.31	0.0000073	0.00459	0.00186	0.00363	0.000997
2093 Aug	918	0.0772	0.0804	0.0337	4.69	0.328	627	0.0203	0.000976	0.00000963	0.0153	0.0287	0.62	0.0404	0.0000159	171	0.000104	0.0141	0.000928	0.00756	0.0385	0.0000448	29.7	50.9	0.334	0.0116	10.3	0.0472	0.00996	0.000162	0.00275	0.00212	1.38	0.0000725	0.00494	0.00194	0.00372	0.000955
2093 Sep	929	0.0769	0.0805	0.0338	4.41	0.333	635	0.0204	0.000964	0.00000967	0.0155	0.0289	0.63	0.0404	0.000016	172	0.000106	0.0144	0.000933	0.00768	0.0371	0.0000454	30	51.6	0.336	0.0117	10.2	0.048	0.00917	0.000149	0.00279	0.00214	1.4	0.0000729	0.00503	0.00195	0.00375	0.00096
2093 Oct	914	0.0814	0.0814	0.0347	4.56	0.32	625	0.0209	0.001	0.00000957	0.0151	0.029	0.607	0.039	0.0000159	171	0.000102	0.0138	0.000898	0.00735	0.0366	0.0000437	29.4	49.8	0.328	0.0115	10.5	0.0458	0.0101	0.000134	0.00269	0.00212	1.35	0.0000729	0.00482	0.00187	0.00365	0.000983
2093 Nov	908	0.0845	0.0823	0.0353	4.72	0.313	620	0.0213	0.00103	0.00000955	0.0149	0.0291	0.594	0.0383	0.0000158	170	0.0000994	0.0135	0.000882	0.00717	0.0367	0.0000427	29.1	48.8	0.325	0.0114	10.7	0.0446	0.0109	0.000129	0.00263	0.00211	1.33	0.0000733	0.0047	0.00182	0.0036	0.001
2093 Dec	908	0.0848	0.0824	0.0354	4.74	0.312	620	0.0213	0.00103	0.00000955	0.0149	0.0291	0.593	0.0383	0.0000158	170	0.0000992	0.0134	0.000881	0.00716	0.0367	0.0000427	29.1	48.7	0.324	0.0114	10.7	0.0445	0.0109	0.000128	0.00263	0.00211	1.33	0.0000734	0.00469	0.00182	0.0036	0.001
2094 Jan	909	0.0851	0.0827	0.0355	4.75	0.312	621	0.0214	0.00104	0.00000956	0.0149	0.0292	0.593	0.0383	0.0000159	171	0.0000991	0.0134	0.000881	0.00715	0.0368	0.0000426	29.1	48.7	0.325	0.0114	10.7	0.0444	0.011	0.000128	0.00263	0.00211	1.32	0.0000735	0.00469	0.00182	0.0036	0.00101
2094 Feb	911	0.0856	0.0832	0.0358	4.77	0.311	622	0.0215	0.00104	0.00000957	0.0149	0.0293	0.592	0.0382	0.0000159	171	0.000099	0.0134	0.000881	0.00714	0.0369	0.0000426	29.2	48.7	0.325	0.0114	10.8	0.0443	0.011	0.000129	0.00263	0.00212	1.32	0.0000738	0.00468	0.00182	0.0036	0.00101
2094 Mar	915	0.0864	0.084	0.0362	4.79	0.311	625	0.0218	0.00105	0.00000096	0.0149	0.0296	0.592	0.0382	0.0000016	172	0.0000989	0.0134	0.000882	0.00713	0.037	0.0000425	29.3	48.7	0.326	0.0114	10.9	0.0442	0.011	0.000129	0.00263	0.00213	1.33	0.0000742	0.00468	0.00181	0.00361	0.00103
2094 Apr	919	0.0873	0.0849	0.0366	4.81	0.311	628	0.022	0.00107	0.00000964	0.0149	0.0298	0.593	0.0382	0.0000016	173	0.0000989	0.0134	0.000883	0.00712	0.0371	0.0000425	29.4	48.8	0.328	0.0115	11	0.0442	0.011	0.000129	0.00263	0.00214	1.33	0.0000748	0.00468	0.00181	0.00361	0.00104
2094 May	911	0.0911	0.0873	0.0378	5.49	0.297	620	0.0227	0.00112	0.00000962	0.0145	0.0301	0.571	0.0382	0.0000016	174	0.0000954	0.0128	0.000878	0.00683	0.0405	0.0000409	29	47.2	0.326	0.0112	11.5	0.0421	0.0125	0.000161	0.00255	0.00214	1.29	0.0000754	0.00448	0.00179	0.00357	0.00107
2094 Jun	890	0.0964	0.0902	0.0391	6.69	0.274	602	0.0236	0.0012	0.00000954	0.0139	0.0303	0.531	0.0383	0.0000158	173	0.0000893	0.0119	0.000869	0.00632	0.0465	0.0000382	28	44.4	0.321	0.0108	12.3	0.0384	0.0152	0.00022	0.00239	0.0021	1.22	0.0000759	0.00412	0.00174	0.00349	0.00111
2094 Jul	921	0.0855	0.0842	0.0362	5.29	0.313	628	0.0218	0.00106	0.00000967	0.015	0.0297	0.597	0.0399	0.0000161	174	0.0001	0.0135	0.000915	0.00721	0.0409	0.0000429	29.5	49.2	0.333	0.0115	11.1	0.0447	0.0114	0.000177	0.00266	0.00214	1.34	0.0000746	0.00471	0.00188	0.00366	0.00103
2094 Aug	961	0.0868	0.0872	0.0378	4.9	0.327	657	0.0227	0.00107	0.00000996	0.0154	0.031	0.625	0.0406	0.0000166	181	0.000104	0.0141	0.000941	0.00752	0.0396	0.0000446	30.8	51.4	0.346	0.012	11.4	0.0468	0.01	0.000162	0.00278	0.00224	1.4	0.0000773	0.00494	0.00194	0.00378	0.00107
2094 Sep	966	0.0858	0.0867	0.0376	4.61	0.331	661	0.0227	0.00106	0.00000995	0.0155	0.031	0.632	0.0404	0.0000167	181	0.000105	0.0143	0.000941	0.0076	0.0382	0.000045	31	51.9	0.347	0.0121	11.2	0.0474	0.00929	0.000149	0.0028	0.00225	1.41	0.0000773	0.005	0.00194	0.00379	0.00107
2094 Oct	954	0.0867	0.0858	0.0375	4.51	0.325	652	0.0226	0.00106	0.00000984	0.0153	0.0307	0.621	0.0395	0.0000165	179	0.000103	0.014	0.000919	0.00745	0.0369	0.0000442	30.6	51	0.341	0.0119	11.1	0.0464	0.00945	0.000134	0.00275	0.00222	1.39	0.0000766	0.00491	0.00189	0.00372	0.00106
2094 Nov	935	0.0899	0.086	0.0378	4.74	0.313	639	0.0228	0.00109	0.00000973	0.015	0.0306	0.598	0.0384	0.0000163	177	0.0000994	0.0135	0.00089	0.00716	0.037	0.0000427	29.9	49.2	0.332	0.0116	11.3	0.0444	0.0106	0.000127	0.00265	0.00219	1.34	0.0000762	0.00471	0.00182	0.00363	0.00107
2094 Dec	933	0.0908	0.0862	0.038	4.8	0.31	637	0.0229	0.00109	0.00000972	0.0149	0.0306	0.594	0.0382	0.0000162	176	0.0000987	0.0134	0.000885	0.0071	0.0371	0.0000424	29.8	48.9	0.331	0.0116	11.3	0.044	0.0109	0.000126	0.00264	0.00218	1.33	0.0000763	0.00467	0.00181	0.00362	0.00108
2095 Jan	934	0.0912	0.0866	0.0382	4.82	0.31	638	0.023	0.0011	0.00000973	0.0149	0.0307	0.593	0.0382	0.0000163	177	0.0000986	0.0134	0.000885	0.00709	0.0372	0.0000423	29.8	48.9	0.332	0.0116	11.4	0.0439	0.0109	0.000126	0.00263	0.00219	1.33	0.0000765	0.00467	0.00181	0.00362	0.00108
2095 Feb	937	0.0918	0.0872	0.0385	4.84	0.309	640	0.0232	0.00111	0.00000975	0.0149	0.0308	0.593	0.0382	0.0000163	177	0.0000985	0.0133	0.000885	0.00707	0.0373	0.0000423	29.9	48.9	0.332	0.0116	11.5	0.0438	0.0109	0.000126	0.00263	0.0022	1.33	0.0000768	0.00466	0.0018	0.00362	0.00109
2095 Mar	940	0.0926	0.0879	0.0388	4.86	0.309	642	0.0234	0.00112	0.00000978	0.0149	0.031	0.593	0.0381	0.0000164	178	0.0000983	0.0133	0.000886	0.00706	0.0374	0.0000422	30	48.9	0.333	0.0116	11.6	0.0437	0.0109	0.000126	0.00263	0.00221	1.33	0.0000772	0.00465	0.0018	0.00363	0.0011
2095 Apr	946	0.0936	0.089	0.0394	4.89	0.309	646	0.0237	0.00113	0.00000982	0.0149	0.0314	0.594	0.0382	0.0000165	180	0.0000984	0.0133	0.000888	0.00706	0.0376	0.0000422	30.1	49	0.335	0.0117	11.7	0.0437	0.0109	0.000127	0.00264	0.00222	1.33	0.0000779	0.00465	0.0018	0.00364	0.00112
2095 May	956	0.0993	0.0939	0.0418	5.38	0.298	652	0.0252	0.00121	0.00000992	0.0146	0.0325	0.579	0.038	0.0000167	184	0.0000956	0.0129	0.000886	0.00681	0.0401	0.0000409	30.2	48	0.338	0.0117	12.5	0.0419	0.0118	0.000147	0.00258	0.00226	1.31	0.0000802	0.0045	0.00178	0.00363	0.00119
2095 Jun	970	0.108	0.101	0.0455	6.22	0.281	659	0.0274	0.001133	0.00000101	0.0143	0.0342	0.555	0.0379	0.0000017	190	0.0000913	0.0122	0.000884	0.00642	0.0443	0.0000339	30.3	46.4	0.342	0.0116	13.7	0.0391	0.0134	0.000182	0.0025	0.00232	1.27	0.0000838	0.00426	0.00174	0.00362	0.00129
2095 Jul	956	0.0907	0.0883	0.039	4.97	0.316	653	0.0235	0.00111	0.0000099	0.0151	0.0314	0.607	0.0395	0.0000166	181	0.000101	0.0137	0.000918	0.00726	0.0394	0.0000432	30.5	50.1	0.342	0.0119	11.7	0.045	0.0105	0.000153	0.0027	0.00224	1.36	0.0000078	0.00478	0.00188	0.00371	0.00111
2095 Aug	946	0.0817	0.0817	0.0358	4.24	0.331	648	0.0215	0.001	0.00000975	0.0154	0.03	0.629	0.0399	0.0000163	176	0.000105	0.0143	0.000927	0.00761	0.0362	0.000045	30.5	51.6	0.34	0.0119	10.6	0.0476	0.00875	0.000134	0.00279	0.00219	1.4	0.0000749	0.005	0.00192	0.00373	0.00102
2095 Sep	973	0.0861	0.0867	0.0385	4.14	0.33	667	0.0231	0.00106	0.00000993	0.0154	0.0315	0.633	0.0395	0.0000167	183	0.000105	0.0143	0.000928	0.00756	0.0357	0.0000448	31.2	52	0.347	0.0122	11.2	0.0473	0.0081	0.000124	0.0028	0.00227	1.41	0.0000779	0.005	0.00191	0.00376	0.00109
2095 Oct	1010	0.0924	0.0934	0.042	4.12	0.328	691	0.0253	0.00114	0.0000102	0.0154	0.0334	0.635	0.0392	0.0000173	191	0.000104	0.0143	0.000932	0.00748	0.0357	0.0000445	32.1	52.3	0.356	0.0125	12.1	0.0467	0.00753	0.000119	0.00282	0.00237	1.42	0.0000819	0.00498	0.0019	0.0038	0.00119
2095 Nov	1020	0.0975	0.0978	0.0443	4.23	0.322	701	0.0267	0.0012	0.0000103	0.0152	0.0346	0.628	0.0387	0.0000175	195	0.000102	0.014	0.000925	0.00732	0.0359	0.0000437	32.4	51.8	0.359	0.0126	12.8	0.0456	0.00765	0.000116	0.00279	0.00242	1.41	0.0000842	0.00489	0.00187	0.0038	0.00126
2095 Dec	1020	0.0985	0.0981	0.0445	4.29	0.319	700	0.0268	0.00121	0.0000103	0.0152	0.0347	0.624	0.0385	0.0000175	195	0.000102	0.0139	0.000921	0.00727	0.0361	0.0000434	32.3	51.5	0.358	0.0125	12.8	0.0452	0.00792	0.000115	0.00277	0.00242	1.4	0.0000843	0.00486	0.00185	0.00378	0.00127
2096 Jan	1020	0.0991	0.0987	0.0448	4.32	0.319	701	0.027	0.00122	0.0000103	0.0152	0.0348	0.623	0.0385	0.0000176	195	0.000102	0.0139	0.00092	0.00725	0.0362	0.0000433	32.4	51.4	0.358	0.0126	12.9	0.0451	0.00796	0.000115	0.00277	0.00243	1.4	0.0000846	0.00485	0.00185	0.00378	0.00127
2096 Feb	1020	0.0995	0.099	0.045	4.34	0.318	702	0.0271	0.00122	0.0000103	0.0152	0.0349	0.623	0.0385	0.0000176	196	0.000101	0.0139	0.000921	0.00724	0.0363	0.0000433	32.4	51.4	0.359	0.0126	13	0.045	0.00798	0.000116	0.00277	0.00243	1.4	0.0000848	0.00484	0.00185	0.00378	0.00128
2096 Mar	1030	0.1	0.0996	0.0453	4.36	0.318	704	0.0273	0.00123	0.0000103	0.0152	0.035	0.623	0.0385	0.0000176	196	0.000101	0.0139	0.000921	0.00723	0.0364	0.0000432	32.5	51.4	0.36	0.0126	13	0.0449	0.00799	0.000116	0.00277	0.00244	1.4	0.0000852	0.00484	0.00185	0.00379	0.00129
2096 Apr	1030	0.101	0.1	0.0457	4.38	0.318	707	0.0275	0.00124	0.0000103	0.0152	0.0353	0.623	0.0385	0.0000177	197	0.000101	0.0139	0.000923	0.00723	0.0365	0.0000432	32.6	51.5	0.361	0.0126	13.1	0.0449	0.00799	0.000116	0.00277	0.00245	1.4	0.0000856	0.00484	0.00185	0.0038	0.0013
2096 May	1040	0.104	0.103	0.047	4.71	0.312	709	0.0283	0.00128	0.0000104	0.015	0.0359	0.614	0.0385	0.0000178	200	0.0000999	0.0136	0.000922	0.00709	0.0382	0.0000425	32.6	50.9	0.362	0.0126	13.6	0.0439	0.00867	0.000129	0.00274	0.00247	1.39	0.0000869	0.00475	0.00184	0.00379	0.00134
2096 Jun	884	0.0949	0.0918	0.0415	5.58	0.256	600	0.025	0.00128	0.00000952	0.0135	0.0311	0.506	0.0347	0.0000158	173	0.0000849	0.0111	0.000803	0.00587	0.0419	0.0000361	27.6	42.3	0.312	0.0106	12.5	0.0356	0.0146	0.000163	0.00229	0.00212	1.16	0.0000776	0.00388	0.00162	0.00347	0.00118
2096 Jul	914	0.0894	0.0889	0.0402	4.76	0.283	624	0.0242	0.00119	0.00000965	0.0142	0.0311	0.553	0.0361	0.0000151	176	0.0000923	0.0123	0.000842	0.00648	0.0387	0.0000394	28.9	45.8	0.323	0.0112	11.9	0.04	0.0119	0.00014	0.00248	0.00217	1.25	0.0000775	0.00429	0.00172	0.00359	0.00114
2096 Aug	948	0.0893	0.09	0.0407	4.42	0.3	648	0.0245	0.00117	0.00000987	0.0147	0.0319	0.583	0.0372	0.0000166	181	0.000097	0.013	0.000874	0.00686	0.0376	0.0000414	30.1	48.2	0.335	0.0116	11.9	0.0425	0.0105	0.000131	0.00261	0.00224	1.31	0.0000791	0.00455	0.00179	0.00369	0.00116
2096 Sep	928	0.0836	0.0836	0.0376	4.09	0.309	635	0.0227	0.00108	0.00000967	0.0148	0.0304	0.593	0.0374	0.0000162	175	0.000099	0.0134	0.000875	0.00707	0.0356	0.0000423	29.7	48.8	0.329	0.0115	11	0.044	0.00982	0.000119	0.00264	0.00217	1.33	0.0000758	0.00467	0.00181	0.00366	0.00107
2096 Oct	918	0.0874	0.0842	0.0382	4.24	0.3	628	0.023	0.0011	0.00000959	0.0146	0.0304	0.578	0.0365	0.000016	174	0.0000961	0.013	0.000852	0.00686	0.0352	0.0000412	29.2	47.6	0.324	0.0114	11.2	0.0425	0.0105	0.000108	0.00257	0.00216	1.29	0.0000758	0.00453	0.00175	0.00358	0.00108
2096 Nov	922	0.0892	0.0855	0.0388	4.3	0.298	630	0.0234	0.00112	0.00000962	0.0145	0.0307	0.575	0.0363	0.0000161	175	0.0000955	0.0129	0.000849	0.0068	0.0353	0.0000409	29.3	47.4	0.324	0.0114	11.4	0.0421	0.0106	0.000107	0.00256	0.00217	1.29	0.0000764	0.0045	0.00174	0.00357	0.0011
2096 Dec	924	0.0899	0.0861	0.0392	4.32	0.298	632	0.0236	0.00113	0.00000964	0.0145	0.0309	0.574	0.0363	0.0000162	176	0.0000953	0.0129	0.000849	0.00678	0.0354	0.0000408	29.4	47.3	0.325	0.0114	11.5	0.042	0.0106	0.000107	0.00256	0.00218	1.29	0.0000768	0.00449	0.00173	0.00358	0.00111
2097 Jan	926	0.0904	0.0866	0.0394	4.34	0.297	633	0.0237	0.00114	0.00000966	0.0145	0.031	0.574	0.0363	0.0000162	176	0.0000952	0.0128	0.000849	0.00677	0.0355	0.0000408	29.4	47.3	0.325	0.0114	11.5	0.0419	0.0107	0.000107	0.00256	0.00218	1.29	0.0000771	0.00448	0.00173	0.00358

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
Active Closure (2037-2043): Min	82	0.0658	0.226	0.00337	22.6	0.0308	15.1	0.000812	0.000812	0.00000476	0.00676	0.00121	0.025	0.0137	0.00000487	14	0.0000191	0.000658	0.000149	0.000883	0.0248	0.0000105	1.58	2.9	0.0269	0.000383	12.2	0.00263	0.042	0.0000894	0.000252	0.0000833	0.0998	0.00000198	0.0002	0.000429	0.0017	0.000000171
Active Closure (2037-2043): Mean	326	0.436	1.96	0.0434	123	0.0841	57.2	0.00102	0.00102	0.00000639	0.00811	0.00292	0.0844	0.0288	0.00000669	30.4	0.0000333	0.00175	0.000375	0.00171	0.0684	0.0000141	5	7.77	0.125	0.0011	75.8	0.00693	0.0591	0.000388	0.000421	0.00019	0.554	0.0000231	0.000754	0.000831	0.00226	0.000317
Active Closure (2037-2043): Max	1970	3.17	14.6	0.388	843	0.424	312	0.00119	0.00119	0.0000141	0.00961	0.0122	0.424	0.053	0.0000151	76.7	0.000103	0.00648	0.000714	0.004	0.12	0.0000206	26.6	27.3	0.707	0.00426	536	0.0275	0.127	0.000925	0.001	0.000545	4.14	0.000227	0.00415	0.00146	0.00461	0.00343
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Post Closure (2044-2099): Min	52.9	0.0205	0.0088	0.000866	7.43	0.0237	9	0.00085	0.00085	0.00000433	0.00628	0.00104	0.016	0.0116	0.00000437	11.4	0.000017	0.000446	0.000115	0.000756	0.0394	0.0000091	1.3	2.21	0.0197	0.00027	2.99	0.00181	0.042	0.0000874	0.000182	0.0000666	0.0755	0.00000174	0.000122	0.000384	0.00138	1.2E-39
Post Closure (2044-2099): Mean	101	0.0647	0.0718	0.00167	16.8	0.0481	29.6	0.00101	0.00101	0.00000542	0.0081	0.00191	0.0471	0.0268	0.00000563	25.9	0.0000259	0.0012	0.000368	0.00145	0.0725	0.0000129	2.71	5.6	0.0647	0.000781	7.09	0.00456	0.0525	0.000415	0.000336	0.000148	0.184	0.0000022	0.000386	0.000837	0.00193	2.95E-09
Post Closure (2044-2099): Max	176	0.145	0.503	0.00665	40.9	0.0757	61.7	0.00128	0.00128	0.00000684	0.0101	0.00295	0.0948	0.0471	0.00000716	43.8	0.0000375	0.0024	0.000727	0.00224	0.125	0.0000179	4.63	9.97	0.13	0.00143	23	0.00892	0.0692	0.000956	0.000588	0.000257	0.309	0.00000279	0.000794	0.00153	0.00265	0.000000176
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	1670	2.65	11.9	0.326	832	0.365	286	0.000755	0.000755	0.0000121	0.0088	0.0163	0.372	0.0469	0.0000135	66	0.0000915	0.00557	0.000422	0.0035	0.0246	0.00002	23.7	24	0.589	0.00415	454	0.0245	0.108	0.0000908	0.000944	0.00051	3.48	0.000186	0.00399	0.000637	0.00401	0.00281
2026 Feb	1670	2.66	11.9	0.326	833	0.365	285	0.000757	0.000757	0.0000121	0.00879	0.0162	0.372	0.047	0.0000135	66.1	0.0000916	0.00556	0.000422	0.00349	0.0247	0.0000199	23.7	24	0.591	0.00413	454	0.0244	0.108	0.0000916	0.00094	0.000509	3.49	0.000187	0.00399	0.000636	0.00401	0.00282
2026 Mar	1680	2.67	11.9	0.328	834	0.367	286	0.00076	0.00076	0.0000122	0.0088	0.0365	0.373	0.0471	0.0000136	66.3	0.0000918	0.00557	0.000423	0.0035	0.0248	0.0000199	23.8	24	0.593	0.00414	456	0.0245	0.109	0.0000923	0.000941	0.000509	3.5	0.000188	0.00399	0.000637	0.00402	0.00283
2026 Apr	1700	2.7	12.1	0.332	844	0.371	289	0.000769	0.000769	0.0000123	0.00889	0.13	0.377	0.0477	0.0000137	67.1	0.0000929	0.00564	0.000429	0.00354	0.0251	0.0000201	24	24.3	0.601	0.00418	461	0.0247	0.11	0.0000937	0.000951	0.000515	3.54	0.00019	0.00404	0.000645	0.00407	0.00287
2026 May	2260	3.57	16	0.429	1110	0.497	398	0.000971	0.000971	0.0000161	0.0124	0.223	0.527	0.0633	0.0000181	92.2	0.000126	0.00836	0.000609	0.00515	0.0335	0.0000292	32.1	34.7	0.778	0.00599	605	0.0356	0.139	0.000127	0.00142	0.000746	4.58	0.00024	0.00552	0.000974	0.00539	0.00362
2026 Jun	1890	1.76	7.6	0.216	1020	0.29	344	0.00054	0.00054	0.0000863	0.00986	0.0374	0.362	0.0441	0.0000119	54.5	0.0000894	0.00438	0.000471	0.00344	0.0244	0.0000275	22.5	22.7	0.396	0.00568	413	0.03	0.0641	0.000103	0.00141	0.000697	2.39	0.000101	0.00523	0.00093	0.00339	0.00151
2026 Jul	2190	1.14	4.71	0.121	1240	0.253	433	0.000287	0.000287	0.0000563	0.012	0.0464	0.411	0.0443	0.0000109	53	0.0000941	0.00497	0.000593	0.00431	0.0247	0.0000388	22.8	26.6	0.222	0.008	394	0.0404	0.0204	0.0000967	0.00208	0.000981	1.41	0.0000172	0.00677	0.00132	0.0028	0.000209
2026 Aug	2450	1.59	6.81	0.165	1350	0.318	491	0.000263	0.000263	0.0000692	0.0132	0.0496	0.498	0.0503	0.0000126	66.2	0.000109	0.00684	0.000682	0.00529	0.0227	0.0000433	26.7	33	0.3	0.00906	459	0.047	0.0268	0.0000861	0.00234	0.00112	1.87	0.0000372	0.00751	0.00146	0.00321	0.000511
2026 Sep	2500	1.77	7.84	0.164	1340	0.352	528	0.0002	0.0002	0.0000715	0.0149	0.0605	0.573	0.0521	0.000013	77.3	0.000119	0.00922	0.000781	0.0065	0.0235	0.0000449	28.1	39.7	0.298	0.0101	462	0.0536	0.0207	0.0000811	0.00267	0.00126	1.83	0.0000258	0.00787	0.00171	0.00337	0.000333
2026 Oct	1970	2.91	13	0.354	981	0.416	351	0.000722	0.000722	0.000013	0.0101	0.0175	0.45	0.0526	0.000015	76.2	0.000107	0.00692	0.00051	0.00431	0.0237	0.0000252	27.5	29.3	0.644	0.00534	513	0.0312	0.11	0.0000929	0.00126	0.000661	3.81	0.000196	0.00494	0.000823	0.00442	0.00296
2026 Nov	1950	3.06	13.7	0.378	969	0.426	338	0.000788	0.000788	0.0000137	0.00968	0.0165	0.44	0.0535	0.0000154	76.4	0.000107	0.00661	0.000485	0.00407	0.024	0.0000229	27.8	28.3	0.688	0.00491	527	0.0291	0.121	0.0000956	0.00113	0.000605	4.07	0.000217	0.00473	0.00073	0.00458	0.00328
2026 Dec	1950	3.08	13.8	0.381	966	0.427	336	0.000796	0.000796	0.0000138	0.00961	0.0163	0.438	0.0536	0.0000155	76.4	0.000106	0.00655	0.000481	0.00403	0.024	0.0000226	27.8	28.1	0.694	0.00484	528	0.0288	0.123	0.0000958	0.0011	0.000596	4.1	0.00022	0.0047	0.000716	0.0046	0.00332
2027 Jan	1940	3.08	13.8	0.383	964	0.427	335	0.000799	0.000799	0.0000139	0.00957	0.0162	0.437	0.0536	0.0000155	76.3	0.000106	0.00652	0.00048	0.00401	0.0241	0.0000224	27.8	28	0.696	0.00481	529	0.0286	0.123	0.0000966	0.00109	0.000592	4.11	0.000221	0.00468	0.00071	0.0046	0.00334
2027 Feb	1940	3.08	13.8	0.383	963	0.427	334	0.000801	0.000801	0.0000139	0.00954	0.0162	0.436	0.0537	0.0000155	76.3	0.000106	0.0065	0.000479	0.004	0.0242	0.0000223	27.8	27.9	0.698	0.00479	529	0.0285	0.123	0.0000976	0.00109	0.000589	4.12	0.000221	0.00467	0.000708	0.00461	0.00335
2027 Mar	1950	3.1	13.8	0.385	965	0.429	335	0.000805	0.000805	0.0000139	0.00955	0.0162	0.437	0.0538	0.0000155	76.5	0.000106	0.00651	0.000481	0.004	0.0244	0.0000223	27.9	28	0.701	0.00479	530	0.0285	0.124	0.0000986	0.00109	0.000589	4.14	0.000223	0.00467	0.000709	0.00462	0.00336
2027 Apr	2000	3.18	14.2	0.395	989	0.44	343	0.000826	0.000826	0.0000143	0.00978	0.0166	0.448	0.0552	0.0000159	78.5	0.000109	0.00667	0.000493	0.0041	0.0251	0.0000228	28.6	28.7	0.719	0.0049	544	0.0292	0.127	0.000102	0.00111	0.000603	4.24	0.000228	0.00478	0.000726	0.00474	0.00345
2027 May	2410	3.77	17.6	0.433	1170	0.501	412	0.000837	0.000837	0.0000155	0.0122	0.182	0.552	0.0619	0.0000177	94.2	0.000128	0.00922	0.000635	0.00552	0.0291	0.0000308	32.3	37	0.762	0.00638	668	0.0382	0.129	0.000122	0.00156	0.000802	4.48	0.00023	0.00567	0.00106	0.00528	0.00347
2027 Jun	1940	2.14	9.76	0.245	1020	0.315	343	0.000582	0.000582	0.0000948	0.0104	0.0738	0.39	0.0449	0.0000124	60.5	0.0000938	0.00551	0.000494	0.00388	0.0251	0.0000282	23	25.3	0.43	0.00569	465	0.0312	0.0704	0.000101	0.00145	0.000708	2.57	0.000113	0.00507	0.000982	0.00364	0.00168
2027 Jul	2220	1.19	5.08	0.125	1250	0.246	424	0.000325	0.000325	0.0000057	0.012	0.0436	0.398	0.0434	0.0000109	50.9	0.0000927	0.00462	0.000569	0.00413	0.0247	0.000038	22.4	25.5	0.218	0.00779	415	0.0392	0.0219	0.0000889	0.00203	0.000955	1.39	0.0000178	0.00666	0.00129	0.00283	0.000218
2027 Aug	2640	1.8	8.5	0.166	1450	0.31	497	0.000231	0.000231	0.0000643	0.0135	0.0592	0.504	0.0493	0.0000122	66.1	0.000108	0.00715	0.000698	0.00549	0.0229	0.000045	26.3	33.8	0.264	0.00933	542	0.0484	0.0191	0.0000821	0.00244	0.00115	1.66	0.0000213	0.00759	0.00153	0.0031	0.000266
2027 Sep	2540	2.58	12.4	0.256	1330	0.368	453	0.000393	0.000393	0.0000911	0.013	0.0392	0.516	0.0513	0.0000135	75.4	0.000112	0.0082	0.000669	0.00559	0.0236	0.0000396	27.2	35.1	0.414	0.00817	605	0.0445	0.0527	0.0000827	0.00211	0.00102	2.49	0.0000857	0.00665	0.00136	0.00367	0.00126
2027 Oct	2210	2.83	13.7	0.29	1110	0.371	376	0.000571	0.000571	0.0000105	0.0119	0.036	0.469	0.0489	0.0000135	74.7	0.000104	0.00797	0.000587	0.0051	0.0262	0.0000326	25.2	32.2	0.475	0.00653	582	0.037	0.0757	0.0000817	0.00167	0.000818	2.82	0.000122	0.00533	0.00112	0.00383	0.00182
2027 Nov	2080	2.91	13.9	0.313	1040	0.377	346	0.000658	0.000658	0.0000114	0.0111	0.0297	0.443	0.0488	0.0000137	73.3	0.000101	0.00736	0.000536	0.00465	0.0263	0.0000284	24.9	30	0.525	0.00572	568	0.033	0.0897	0.0000833	0.00142	0.000714	3.11	0.000148	0.00485	0.000959	0.00397	0.00222
2027 Dec	2060	2.95	14	0.321	1030	0.374	341	0.000674	0.000674	0.0000116	0.0109	0.0284	0.44	0.0485	0.0000138	73.5	0.000101	0.00728	0.000528	0.00458	0.0262	0.0000277	25	29.7	0.539	0.00558	569	0.0323	0.0929	0.0000841	0.00138	0.000697	3.19	0.000154	0.00478	0.000931	0.00401	0.00232
2028 Jan	2050	2.96	14.1	0.324	1020	0.381	339	0.000682	0.000682	0.0000117	0.0108	0.028	0.438	0.0491	0.0000138	73.4	0.000101	0.00723	0.000524	0.00453	0.0263	0.0000273	25	29.5	0.546	0.00551	568	0.0319	0.0945	0.0000855	0.00135	0.000687	3.23	0.000158	0.00474	0.000916	0.00403	0.00237
2028 Feb	2050	2.97	14.1	0.326	1020	0.382	338	0.000687	0.000687	0.0000117	0.0107	0.0277	0.437	0.0493	0.0000139	73.5	0.000101	0.00719	0.000523	0.00451	0.0265	0.000027	25.1	29.4	0.551	0.00547	568	0.0317	0.0954	0.0000873	0.00134	0.000682	3.25	0.00016	0.00472	0.00091	0.00405	0.0024
2028 Mar	2050	2.97	14.1	0.327	1020	0.383	337	0.00069	0.00069	0.0000118	0.0107	0.0276	0.436	0.0494	0.0000139	73.5	0.000101	0.00717	0.000523	0.0045	0.0266	0.0000269	25.1	29.3	0.554	0.00544	568	0.0316	0.096	0.0000885	0.00133	0.000679	3.27	0.000161	0.00471	0.000907	0.00406	0.00242
2028 Apr	2080	3.02	14.3	0.333	1030	0.389	341	0.000702	0.000702	0.000012	0.0108	0.0279	0.442	0.0502	0.0000141	74.6	0.000102	0.00726	0.00053	0.00455	0.0271	0.0000272	25.5	29.7	0.564	0.0055	576	0.032	0.0979	0.0000907	0.00135	0.000686	3.33	0.000164	0.00477	0.000917	0.00412	0.00246
2028 May	2250	3.28	15.6	0.36	1120	0.422	371	0.000757	0.000757	0.0000013	0.0118	0.148	0.481	0.0544	0.0000153	81.2	0.000111	0.00795	0.000579	0.00497	0.0295	0.0000296	27.6	32.4	0.61	0.00599	626	0.0348	0.106	0.0001	0.00147	0.000747	3.6	0.000177	0.00517	0.001	0.00447	0.00266
2028 Jun	1860	2.01	9.05	0.239	974	0.308	339	0.000578	0.000578	0.0000934	0.00991	0.103	0.373	0.0446	0.0000123	57.7	0.0000916	0.00487	0.000469	0.00358	0.0239	0.0000269	22.9	23.7	0.431	0.00553	439	0.0299	0.0714	0.0000943	0.00138	0.000681	2.59	0.000116	0.00507	0.00091	0.00357	0.00173
2028 Jul	2170	1.35	5.88	0.149	1180	0.282	448	0.000377	0.000377	0.0000684	0.0124	0.0643	0.431	0.0474	0.0000121	56.9	0.000101	0.00511	0.0006	0.00439	0.0255	0.0000391	24.7	27.6	0.283	0.00808	416	0.0411	0.0327	0.0000954	0.00208	0.00099	1.77	0.0000398	0.00698	0.00132	0.0032	0.000552
2028 Aug	2400	1.63	7.45	0.166	1280	0.318	492	0.000375	0.000375	0.0000745	0.0138	0.122	0.493	0.0515	0.0000131	66	0.000111	0.00653	0.000681	0.00522	0.0268	0.000044	26.9	32.4	0.304	0.00902	477	0.0466	0.0324	0.0000954	0.00234	0.00111	1.89	0.0000394	0.00756	0.00148	0.00342	0.000541
2028 Sep	2340	1.9	8.84	0.192	1230	0.332	469	0.000336	0.000336	0.0000777	0.0131	0.0748	0.493	0.0504	0.0000128	68.3	0.000109	0.00705	0.000663	0.00526	0.0237	0.0000411	26.6	32.9	0.341	0.00856	496	0.0449	0.0386	0.0000823	0.0022	0.00106	2.09	0.0000566	0.00709	0.00139	0.00337	0.000809
2028 Oct	1800	3.25	14.6	0.416	878	0.42	279	0.000905	0.000905	0.0000146	0.00786	0.0114	0.379	0.0518	0.0000153	71	0.000098	0.0052	0.000382	0.00312	0.0232	0.0000152	26.6	23.2	0.75	0.00342	544	0.0213	0.14	0.0000953	0.000676	0.000413	4.43	0.000254	0.00384	0.000431	0.00465	0.00385
2028 Nov	1810	3.33	15	0.425	880	0.428	279	0.000926	0.000926	0.0000015	0.00789	0.0112	0.383	0.0524	0.0000156	72.3	0.0000991	0.00532	0.000384	0.00315	0.0235	0.000015	26.9	23.5	0.767	0.00337	553	0.0212	0.144	0.0000967	0.00066	0.000408	4.52	0.00026	0.00381	0.000425	0.00473	0.00394
2028 Dec	1810	3.34	15.1	0.427	880	0.428	278	0.00093	0.00093	0.0000015	0.00787	0.0112	0.383	0.0525	0.0000156	72.3	0.0000992	0.00533	0.000383	0.00314	0.0235	0.0000149	26.9	23.5	0.77	0.00335	554	0.0211	0.145	0.0000969	0.00065	0.000405	4.54	0.000262	0.00381	0.00042	0.00474	0.00396
2029 Jan	1810	3.34	15.1	0.427	880	0.428	278	0.000931	0.000931	0.0000015	0.00786	0.0112	0.383	0.0525	0.0000156	72.3	0.0000991	0.00529	0.000382	0.00313	0.0236	0.0000149	26.9	23.5	0.77	0.00334	554	0.0211	0.145	0.0000975	0.00065	0.000404	4.54	0.000262	0.0038	0.00042	0.00474	0.00397
2029 Feb	1810	3.34	15.1	0.427	879	0.428	278	0.000931	0.000931	0.0000015	0.00785	0.0112	0.382	0.0525	0.0000156	72.3	0.0000991	0.00529	0.000383	0.00313	0.0237	0.0000148	26.9	23.4	0.771	0.00334	553	0.021	0.145	0.0000982	0.00064	0.000403	4.54	0.000262	0.0038	0.00042	0.00474	0.00397
2029 Mar	1810	3.34	15.1	0.428	880	0.429	278	0.000932	0.000932	0.0000015	0.00785	0.0112	0.382	0.0526	0.0000156	72.4	0.0000991	0.00529	0.000384	0.00313	0.0238	0.0000148	26.9	23.4	0.772	0.00334	554	0.021	0.145	0.0000987	0.00064	0.000403	4.55	0.000262	0.0038	0.00042	0.00475	0.00398
2029 Apr	1820	3.35	15.1	0.429	883	0.43	279	0.000936	0.000936	0.0000151	0.00787	0.0113	0.384	0.0528	0.0000157	72.7	0.0000995	0.00531	0.000385	0.00314	0.0239	0.0000149	27	23.5	0.775	0.00335	556	0.0211	0.146	0.0000995	0.00065	0.000404	4.57	0.000263	0.00381	0.000422	0.00477	0.00399
2029 May	2440	4.41	20.3	0.546	1180	0.559	378	0.00115	0.00115	0.0000191	0.0109	0.0413	0.525	0.068	0.0000201	97.1	0.000131	0.00783	0.000544	0.00459	0.031	0.0000224	35	33.1	0.97	0.00488	745	0.0306	0.179	0.000128	0.00103	0.000599	5.71	0.000323	0.00513	0.000686	0.00611	0.00489
2029 Jun	2380	2.73	13.4	0.268	1110	0.376	413	0.000509	0.000509	0.0000102	0.0131	0.165	0.509	0.0492	0.0000135	78.3	0.000111	0.00884	0.000662	0.00578	0.0272	0.0000376	25.7	35.5	0.444	0.00734	571	0.0427	0.064	0.0000933	0.00198	0.000944	2.62	0.000101	0.00576	0.00137	0.00394	0.00149
2029 Jul	7010	6.25	9.48	0.243	3790	0.195	602	0.00555	0.000638	0.000045	0.0112	0.0217	0.414	0.0548	0.0000136	183	0.000115	0.0028	0.00131	0.00411	0.0254	0.0000327	56.7	31.3	0.202	0.011	1620	0.0417	0.0178	0.0000796	0.00373	0.00109	4.68	0.0000158	0.0044	0.00229	0.00559	0.0275
2029 Aug	1830	0.942	3.22	0.0759	727	0.13	247	0.000365	0.000107	0.0000050	0.00567	0.0172	0.212	0.0215	0.0000543	35.7	0.0000491	0.00237	0.000343	0.00232	0.0097	0.0000194	13	14.9	0.126	0.00415	271	0.022	0.00905	0.0000343	0.00116	0.000527	0.948	0.0000127	0.0031	0.0000727	0.00154	0.00161
2029 Sep	1430	0.652	2.97	0.0645	508	0.118	204	0.0000662	0.000066	0.0000267	0.005	0.0181	0.188	0.0176	0.0000045	25.8	0.000042	0.00233	0.000271	0.00214	0.00816	0.0000171	9.57	13.1	0.114	0.0034	188	0.0195	0.00834	0.0000282	0.000939	0.000453	0.684	0.0000122	0.00268	0.000604	0.00122	0.000167
2029 Oct	1140	1.48	7.29	0.149	498	0.185	180	0.000292	0.000292	0.0000037	0.00576	0.0153	0.23	0.0233	0.0000654	38.2	0.0000506	0.00418	0.000283	0.00257	0.013	0.0000155	12	16.4	0.241	0.00303	287	0.0177	0.0392	0.0000399	0.000785	0.000387	1.42	0.0000637	0.00238	0.00054	0.00191	0.000952
2029 Nov	1480	2.64	12.2	0.318	696	0.329	223	0.000719	0.000719	0.0000113	0.00705	0.0109	0.312	0.0403	0.0000119	58.5	0.0000779	0.00486	0.000332	0.00287	0.0208	0.0000143	20.3	20.2	0.559	0.00296	446	0.0185	0.106	0.0000733	0.000638	0.000366	3.28	0.0000385	0.00298	0.000439	0.00362	0.00279

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2032 Jun	2270	2.24	10.4	0.258	839	0.323	328	0.000607	0.000607	0.0000105	0.01	0.0486	0.381	0.0423	0.0000123	61.4	0.0000939	0.00526	0.000505	0.0041	0.0248	0.0000269	21.9	25	0.469	0.00504	437	0.0327	0.078	0.0000949	0.0014	0.000682	2.74	0.000129	0.00436	0.00101	0.00382	0.00194
2032 Jul	3160	0.967	4.38	0.0942	845	0.253	438	0.000178	0.000178	0.0000063	0.0119	0.0195	0.421	0.0356	0.00000966	51.7	0.0000951	0.00423	0.000662	0.00515	0.0211	0.0000407	19.5	26.8	0.223	0.00724	300	0.049	0.0137	0.0000704	0.00226	0.00105	1.28	0.0000125	0.00561	0.00157	0.00289	0.000145
2032 Aug	2970	1.89	9.05	0.189	985	0.332	460	0.000299	0.000299	0.0000854	0.0125	0.0286	0.488	0.0448	0.0000121	67.5	0.000108	0.00652	0.000695	0.00568	0.0216	0.000041	24.4	32.4	0.361	0.00781	441	0.0492	0.0383	0.0000766	0.00225	0.00107	2.12	0.000063	0.00617	0.00151	0.00351	0.000912
2032 Sep	3590	1.72	8.16	0.166	1030	0.32	477	0.000241	0.000241	0.0000826	0.0131	0.0587	0.493	0.042	0.0000115	66	0.000109	0.0061	0.000746	0.0061	0.0225	0.0000439	23	32.6	0.323	0.00794	429	0.054	0.029	0.0000703	0.00243	0.00114	1.85	0.0000433	0.00602	0.00168	0.00343	0.000612
2032 Oct	3420	1.86	8.92	0.179	1010	0.325	459	0.000291	0.000291	0.0000856	0.0131	0.0632	0.489	0.0423	0.0000117	67.2	0.000108	0.00641	0.000728	0.00604	0.0239	0.0000425	22.9	32.6	0.336	0.00769	444	0.0519	0.0351	0.0000708	0.00233	0.0011	1.93	0.0000512	0.00581	0.00163	0.00347	0.000733
2032 Nov	2980	2.6	12.5	0.273	1020	0.378	417	0.000491	0.000491	0.0000109	0.0123	0.0448	0.491	0.047	0.0000133	74.6	0.0000111	0.00725	0.000662	0.00565	0.0247	0.0000362	25	32.9	0.483	0.00675	530	0.0445	0.0693	0.0000816	0.00193	0.000933	2.8	0.000117	0.00535	0.00135	0.00402	0.00174
2032 Dec	2480	3.07	14.5	0.349	971	0.407	356	0.000678	0.000678	0.0000128	0.0105	0.0286	0.455	0.0495	0.0000144	75.8	0.000107	0.00692	0.00055	0.00473	0.024	0.0000273	26	29.9	0.614	0.00532	564	0.0349	0.103	0.0000888	0.0014	0.000711	3.59	0.000182	0.00464	0.000966	0.00438	0.00273
2033 Jan	2440	3.09	14.6	0.355	965	0.409	351	0.000695	0.000695	0.000013	0.0103	0.0277	0.45	0.0498	0.0000145	75.6	0.000106	0.00679	0.00054	0.00463	0.0241	0.0000264	26.1	29.5	0.627	0.00517	564	0.034	0.106	0.0000908	0.00135	0.000689	3.66	0.000188	0.00458	0.000931	0.00441	0.00283
2033 Feb	2430	3.1	14.6	0.358	963	0.41	349	0.000702	0.000702	0.0000131	0.0102	0.0274	0.449	0.05	0.0000145	75.7	0.000106	0.00675	0.000538	0.00459	0.0243	0.0000261	26.1	29.4	0.632	0.00512	564	0.0337	0.107	0.0000928	0.00133	0.000682	3.69	0.00019	0.00456	0.000921	0.00443	0.00286
2033 Mar	2430	3.12	14.7	0.361	967	0.412	350	0.000709	0.000709	0.0000132	0.0102	0.0273	0.45	0.0503	0.0000146	76	0.000107	0.00676	0.000539	0.00459	0.0246	0.000026	26.3	29.4	0.638	0.00511	566	0.0336	0.108	0.0000944	0.00132	0.000681	3.73	0.000192	0.00456	0.00092	0.00445	0.0029
2033 Apr	2480	3.2	15	0.37	989	0.422	357	0.000728	0.000728	0.0000135	0.0104	0.0278	0.46	0.0516	0.000015	77.8	0.000109	0.00691	0.000551	0.00468	0.0253	0.0000265	26.9	30.1	0.655	0.00522	580	0.0343	0.111	0.0000974	0.00135	0.000694	3.83	0.000198	0.00467	0.000938	0.00457	0.00298
2033 May	2350	3.65	16.9	0.444	1020	0.467	342	0.000913	0.000913	0.0000158	0.00972	0.1	0.46	0.0583	0.0000167	83.7	0.000114	0.00679	0.00054	0.00429	0.0308	0.000022	29.4	29.5	0.796	0.00453	629	0.0299	0.142	0.000168	0.00108	0.000592	4.64	0.000256	0.00452	0.000798	0.00517	0.00387
2033 Jun	2770	1.35	6.23	0.144	758	0.264	377	0.000363	0.000363	0.0000773	0.011	0.0261	0.384	0.0397	0.0000103	55.8	0.0000912	0.00444	0.000649	0.0047	0.032	0.0000345	19.3	25.3	0.309	0.0061	321	0.0415	0.0386	0.000179	0.00188	0.000885	1.73	0.000052	0.00482	0.00144	0.00316	0.000751
2033 Jul	3220	1.01	4.76	0.0911	810	0.268	463	0.000173	0.000173	0.0000065	0.0126	0.0376	0.452	0.0401	0.0000101	57.7	0.0001	0.0049	0.000753	0.00562	0.0285	0.0000435	20.7	29.4	0.234	0.00778	301	0.0521	0.0132	0.000144	0.00242	0.00113	1.31	0.00000873	0.00595	0.00175	0.00299	0.000084
2033 Aug	3720	1.35	6.49	0.119	945	0.304	509	0.000163	0.000163	0.0000737	0.0138	0.0635	0.506	0.0421	0.0000111	65	0.000111	0.00597	0.00081	0.00642	0.0255	0.000048	22.8	33.5	0.267	0.00861	372	0.0584	0.0142	0.000102	0.00268	0.00125	1.51	0.0000142	0.00645	0.00188	0.0033	0.000164
2033 Sep	2950	2.02	9.72	0.204	923	0.338	442	0.000328	0.000328	0.00009	0.0124	0.0245	0.482	0.0444	0.0000121	68.5	0.000108	0.00664	0.000683	0.00565	0.0224	0.0000392	24	32.2	0.386	0.0074	442	0.0477	0.0458	0.0000764	0.00214	0.00102	2.25	0.0000753	0.00581	0.00147	0.00357	0.0011
2033 Oct	2010	3.2	14.8	0.388	866	0.406	289	0.000805	0.000805	0.0000138	0.00847	0.0109	0.396	0.0487	0.0000145	71.5	0.0000978	0.0059	0.00429	0.00367	0.0228	0.0000185	25.2	25.2	0.687	0.00381	545	0.0252	0.125	0.0000898	0.000885	0.000491	4.03	0.000224	0.0038	0.000606	0.00445	0.00339
2033 Nov	1940	3.32	15.3	0.409	871	0.418	282	0.000852	0.000852	0.0000143	0.00815	0.0107	0.393	0.05	0.0000149	72.5	0.0000985	0.00581	0.00041	0.0035	0.0226	0.0000169	25.9	24.8	0.726	0.00358	558	0.0236	0.133	0.0000928	0.000786	0.000453	4.26	0.000242	0.00374	0.000531	0.00459	0.00366
2033 Dec	1940	3.33	15.3	0.41	872	0.419	282	0.000854	0.000854	0.0000144	0.00815	0.0108	0.393	0.0501	0.000015	72.5	0.0000986	0.00581	0.00041	0.0035	0.0227	0.0000168	26	24.8	0.728	0.00357	559	0.0235	0.134	0.0000929	0.000783	0.000452	4.28	0.000242	0.00374	0.000529	0.00459	0.00367
2034 Jan	1940	3.33	15.3	0.41	872	0.419	282	0.000855	0.000855	0.0000144	0.00814	0.0108	0.393	0.0502	0.000015	72.5	0.0000986	0.0058	0.00041	0.00349	0.0227	0.0000168	26	24.8	0.729	0.00357	559	0.0235	0.134	0.0000931	0.000781	0.000451	4.28	0.000243	0.00374	0.000528	0.0046	0.00368
2034 Feb	1940	3.33	15.3	0.41	872	0.419	282	0.000855	0.000855	0.0000144	0.00814	0.0108	0.393	0.0502	0.000015	72.6	0.0000986	0.0058	0.00041	0.00349	0.0227	0.0000168	26	24.8	0.729	0.00357	559	0.0235	0.134	0.0000934	0.00078	0.000451	4.28	0.000243	0.00374	0.000527	0.0046	0.00368
2034 Mar	1940	3.33	15.3	0.411	873	0.419	283	0.000856	0.000856	0.0000144	0.00814	0.0108	0.393	0.0502	0.000015	72.6	0.0000987	0.0058	0.00041	0.00349	0.0228	0.0000168	26	24.8	0.73	0.00357	559	0.0235	0.134	0.0000936	0.00078	0.000451	4.29	0.000243	0.00374	0.000528	0.0046	0.00368
2034 Apr	1960	3.38	15.5	0.416	884	0.425	286	0.000867	0.000867	0.0000146	0.00824	0.0109	0.398	0.0509	0.0000152	73.5	0.0000999	0.00587	0.000416	0.00353	0.0231	0.000017	26.3	25.1	0.74	0.00361	566	0.0238	0.136	0.0000949	0.00079	0.000457	4.34	0.000246	0.00379	0.000534	0.00466	0.00373
2034 May	2350	4.09	18.9	0.499	1070	0.511	346	0.00104	0.00104	0.0000175	0.0101	0.516	0.484	0.0622	0.0000182	90	0.000121	0.00735	0.000528	0.00438	0.0308	0.0000211	31.7	30.9	0.886	0.00443	689	0.0291	0.162	0.00015	0.000989	0.000565	5.18	0.000292	0.00458	0.00071	0.00562	0.00443
2034 Jun	2630	1.13	5.21	0.115	667	0.241	364	0.000375	0.000375	0.0000718	0.0111	0.0264	0.363	0.0391	0.00000971	53.7	0.0000869	0.00419	0.00066	0.00463	0.0367	0.0000345	18	24.4	0.267	0.00601	277	0.0406	0.0341	0.000209	0.00185	0.000873	1.47	0.000036	0.00466	0.00147	0.00296	0.000507
2034 Jul	2820	1.28	6.2	0.116	772	0.293	462	0.000245	0.000245	0.0000715	0.0129	0.036	0.47	0.044	0.0000111	63	0.000104	0.00582	0.000748	0.00567	0.03	0.000043	22.4	31.1	0.275	0.00796	327	0.0503	0.0231	0.00015	0.00236	0.00111	1.58	0.0000254	0.00619	0.00168	0.00316	0.000337
2034 Aug	3280	1.45	7.08	0.129	867	0.319	508	0.000239	0.000239	0.0000779	0.0141	0.0691	0.516	0.046	0.000019	68.6	0.000113	0.00653	0.000811	0.00637	0.029	0.0000497	24.2	34.5	0.292	0.00876	369	0.0565	0.0219	0.000125	0.00262	0.00123	1.68	0.0000245	0.00668	0.00184	0.00343	0.000319
2034 Sep	2940	2.01	9.76	0.199	868	0.338	436	0.000351	0.000351	0.0000911	0.0125	0.0278	0.481	0.044	0.0000121	68.9	0.000107	0.00674	0.000686	0.00572	0.0237	0.0000393	23.6	32.3	0.383	0.00731	431	0.0477	0.0467	0.0000776	0.00213	0.00101	2.22	0.0000743	0.00567	0.00148	0.00358	0.00109
2034 Oct	2120	3.3	15.4	0.392	909	0.423	318	0.000788	0.000788	0.0000139	0.00927	0.0118	0.43	0.051	0.000015	75.8	0.000104	0.00659	0.000476	0.0041	0.0233	0.0000215	26.6	27.8	0.694	0.00442	571	0.0286	0.123	0.000093	0.00106	0.000569	4.07	0.000221	0.00422	0.000719	0.00458	0.00334
2034 Nov	2090	3.5	16.3	0.419	934	0.44	315	0.000841	0.000841	0.0000147	0.00913	0.0116	0.435	0.0527	0.0000156	78.1	0.000106	0.00672	0.000466	0.00404	0.0236	0.0000203	27.5	28	0.738	0.00425	597	0.0275	0.132	0.0000968	0.000982	0.000541	4.33	0.00024	0.00418	0.000665	0.00477	0.00363
2034 Dec	2090	3.5	16.3	0.42	934	0.441	314	0.000846	0.000846	0.0000147	0.0091	0.0116	0.434	0.0528	0.0000156	78.1	0.000106	0.00669	0.000465	0.00402	0.0236	0.0000201	27.5	27.9	0.741	0.00422	597	0.0273	0.133	0.000097	0.000973	0.000537	4.35	0.000241	0.00417	0.000658	0.00478	0.00365
2035 Jan	2080	3.5	16.3	0.421	934	0.441	314	0.000847	0.000847	0.0000147	0.00908	0.0116	0.434	0.0528	0.0000156	78.1	0.000106	0.00668	0.000464	0.00401	0.0236	0.0000201	27.5	27.9	0.742	0.00421	597	0.0272	0.133	0.0000973	0.000969	0.000536	4.36	0.000242	0.00417	0.000656	0.00478	0.00366
2035 Feb	2080	3.5	16.3	0.421	934	0.441	313	0.000848	0.000848	0.0000147	0.00907	0.0116	0.434	0.0528	0.0000156	78.1	0.000106	0.00667	0.000464	0.00401	0.0237	0.00002	27.5	27.8	0.743	0.00421	597	0.0272	0.133	0.0000978	0.000967	0.000535	4.36	0.000242	0.00417	0.000655	0.00479	0.00366
2035 Mar	2080	3.51	16.3	0.421	934	0.442	314	0.000849	0.000849	0.0000148	0.00907	0.0116	0.434	0.0529	0.0000156	78.1	0.000106	0.00667	0.000464	0.00401	0.0237	0.00002	27.5	27.9	0.744	0.00421	597	0.0272	0.133	0.0000981	0.000966	0.000535	4.37	0.000242	0.00417	0.000654	0.00479	0.00367
2035 Apr	2110	3.56	16.6	0.428	948	0.448	318	0.000862	0.000862	0.000015	0.0092	0.0118	0.44	0.0537	0.0000159	79.3	0.000108	0.00676	0.000471	0.00406	0.0241	0.0000203	27.9	28.2	0.755	0.00426	606	0.0276	0.135	0.0000998	0.000979	0.000542	4.43	0.000246	0.00423	0.000663	0.00486	0.00372
2035 May	2930	4.95	23.1	0.592	1320	0.623	443	0.0012	0.0012	0.0000208	0.0129	0.3	0.615	0.0753	0.0000221	111	0.00015	0.00956	0.000674	0.00573	0.0359	0.0000287	38.8	39.7	1.05	0.00598	844	0.0387	0.188	0.000161	0.00139	0.000763	6.13	0.00034	0.00589	0.000967	0.00678	0.00514
2035 Jun	2460	1.38	6.21	0.165	607	0.266	332	0.000476	0.000476	0.0000861	0.00984	0.0212	0.346	0.037	0.0000104	51.6	0.0000859	0.00368	0.000531	0.00399	0.0255	0.0000288	18.7	21.9	0.356	0.00502	285	0.0353	0.0546	0.000116	0.00153	0.00732	2.04	0.0000826	0.00419	0.00115	0.00329	0.00122
2035 Jul	2560	0.705	3.28	0.0645	579	0.25	440	0.000223	0.000223	0.0000609	0.0123	0.0374	0.421	0.0391	0.00001	52.9	0.0000954	0.00441	0.000675	0.00502	0.0263	0.0000411	20.3	27	0.214	0.00752	213	0.0474	0.0147	0.000111	0.00225	0.00105	1.24	0.00000796	0.00594	0.00158	0.00287	0.0000719
2035 Aug	3380	1.19	5.77	0.107	737	0.299	487	0.000155	0.000155	0.0000724	0.0132	0.0332	0.49	0.0402	0.0000108	63	0.000107	0.00591	0.000761	0.00616	0.0216	0.0000457	22.2	32.5	0.269	0.00825	307	0.0557	0.0155	0.0000734	0.00255	0.00119	1.53	0.0000198	0.00619	0.00177	0.00321	0.000252
2035 Sep	2710	2.02	10	0.189	819	0.352	453	0.000331	0.000331	0.0000897	0.0134	0.0233	0.517	0.0456	0.0000124	74	0.000111	0.00802	0.000724	0.00621	0.0243	0.0000421	24.5	35.5	0.37	0.00792	427	0.0499	0.0422	0.0000755	0.00228	0.00108	2.15	0.0000646	0.00599	0.00157	0.00361	0.000936
2035 Oct	2640	2.46	12.1	0.247	844	0.37	398	0.000475	0.000475	0.0000105	0.0124	0.0201	0.491	0.0452	0.0000128	75.3	0.000107	0.00801	0.000657	0.0058	0.0251	0.0000361	23.9	33.8	0.451	0.00666	480	0.0438	0.0648	0.0000778	0.00192	0.000917	2.61	0.000106	0.00508	0.00136	0.00386	0.00157
2035 Nov	2100	2.99	14.2	0.337	846	0.396	323	0.000694	0.000694	0.0000126	0.0101	0.0137	0.437	0.0476	0.0000139	74.8	0.000101	0.00724	0.000515	0.00458	0.0242	0.0000251	24.7	29.3	0.598	0.0049	529	0.0317	0.103	0.0000854	0.00126	0.000644	3.49	0.00018	0.00422	0.000884	0.00423	0.00271
2035 Dec	2070	3.04	14.4	0.348	848	0.401	319	0.000719	0.000719	0.0000129	0.00984	0.0134	0.432	0.0481	0.0000141	74.7	0.000101	0.00705	0.000501	0.00443	0.024	0.000024	25	28.8	0.618	0.00473	532	0.0306	0.108	0.0000867	0.0012	0.000619	3.62	0.000189	0.00417	0.000835	0.0043	0.00285
2036 Jan	2070	3.04	14.4	0.35	848	0.402	318	0.000724	0.000724	0.0000129	0.00979	0.0134	0.431	0.0482	0.0000141	74.6	0.000101	0.00701	0.000499	0.0044	0.0241	0.0000238	25	28.7	0.622	0.00469	533	0.0304	0.108	0.0000875	0.00118	0.000613	3.64	0.000191	0.00416	0.000826	0.00431	0.00288
2036 Feb	2070	3.05	14.4	0.351	848	0.402	317	0.000726	0.000726	0.0000129	0.00976	0.0134	0.431	0.0483	0.0000141	74.6	0.000101	0.00699	0.000498	0.00439	0.0242	0.0000237	25.1	28.6	0.625	0.00467	533	0.0303	0.109	0.0000884	0.00118	0.000611	3.65	0.000192	0.00415	0.000823	0.00431	0.0029
2036 Mar	2060	3.05	14.4	0.352	848	0.402	317	0.000728	0.000728	0.000013	0.00974	0.0133	0.43	0.0484	0.0000142	74.6	0.000101	0.00698	0.000498	0.00438	0.0242	0.0000236	25.1	28.6	0.626	0.00466	533	0.0302	0.109	0.0000889	0.00117	0.000609	3.66	0.000193	0.00415	0.000821	0.00432	0.00291
2036 Apr	2100	3.11	14.7	0.358	864	0.41	323	0.000741	0.000741	0.0000132	0.00993	0.0536	0.439	0.0494	0.0000144	76.2	0.000103	0.00713	0.000509	0.00447	0.0248	0.0000241	25.6	29.2	0.638	0.00476	544	0.0308	0.111	0.0000916	0.0012	0.000622	3.73	0.000196	0.00423	0.00084	0.0044	0.00296
2036 May	2930	4.34	20.5	0.499	1210	0.572	451	0.00104	0.00104	0.0000184	0.0139	0.257	0.614	0.0692	0.0000201	107	0.000144	0.01	0.00072	0.00629	0.0357	0.0000338	35.7	40.9	0.889	0.00667	759	0.0432	0.155	0.000136	0.00168	0.000873	5.19	0.000272	0.00591	0.00119	0.00615	0.00411
2036 Jun	2440	1.79	8.23	0.212	663	0.315	356	0.000518	0.000518	0.0000989	0.0103	0.0316	0.393	0.0412	0.0000119	59.6	0.0000954	0.0048	0.000543	0.00433	0.0237	0.0000297	21.6	25.2	0.436	0.00542	345	0.0367	0.0672	0.0000909	0.00158	0.000762	2.53	0.000111	0.0046	0.00113	0.00369	0.00166
2036 Jul	2850	0.969	4.54	0.0986	591	0.284	451	0.000256	0.000256	0.0000733	0.0124	0.0374	0.448	0.0398	0.0000108	57.7	0.000101	0.00495	0.000683	0.00538	0.0234	0.0000415	21.5	28.8	0.276	0.0075	244	0.0496	0.0244	0.0000796	0.00228	0.00107	1.6	0.0000312	0.00588	0.00157	0.00319	0.000427
2036 Aug	3320	1.13	5.35	0.113	668	0.314	495	0.000255	0.000255	0.0000811	0.0135	0.0705	0.495	0.0427	0.0000117	64.3	0.000111	0.00565	0.000762	0.00609	0.0245	0.0000458	23.3	32.2	0.304	0.00822	281	0.0555	0.0254	0.0000809	0.00253	0.00118	1.75	0.0000339	0.00632	0.00175	0.00347	0.000466
2036 Sep	3190	1.44	7.2	0.126	721	0.33	498	0.000166	0.000166	0.0000782	0.014	0.0312	0.532	0.0428	0.0000115	70.9	0.000114	0.00752	0.000793	0.00668	0.0222	0.0000472	23.8	36.3	0.301	0.00866	337	0.0572	0.0205	0.0000715	0.00263	0.00122	1.73	0.000029	0.00638	0.00182	0.00341	0.000391
2036 Oct	2220	2.84	13.2	0.341	825	0.41	354	0.000695	0.000695	0.0000131	0.0101	0.0148	0.446	0.0505	0.0000146	74.9	0.000107	0.00654	0.000528	0.00446	0.0232	0.0000257	26.6	28.9	0.639	0.00517	498	0.0333	0.108	0.0000908	0.00132	0.000679	3.75	0.000193	0.00469	0.000892	0.00443	0.00291
2036 Nov	2070	3.11	14.5	0.374	850	0.425	330	0.000768	0.000768	0.0000138	0.00964	0.013	0.441	0.0513	0.000015	76.9	0.000106	0.00684	0.000497	0.0043	0.0236	0.000023	26.8	28.8	0.683	0.0047	534	0.0302	0.119	0.0000932	0.00115	0.000607	4.01	0.000214	0.00438	0.00078	0.00458	0.00324
2036 Dec	1990	3.19	14.8	0.39	850	0.428	315	0.000807	0.000807	0.0000142	0.00915	0.0123	0.429	0.0515	0.0000152	76.2	0.000104	0.00657	0.000468	0.00404	0.0233	0.0000209	26.8	27.6	0.709	0.00433	541	0.0279	0.126	0.0000942	0.00102	0.000554	4.16	0.000228	0.0042	0.000689	0.00463	0.00345
2037 Jan	1970	3.17	14.6	0.388	843	0.424	312	0.000812	0.000812	0.0000141	0.00907	0.0122	0.424	0.0517	0.0000151	76	0.000103	0.00648	0.000472	0.00399	0.0248	0.0000206	26.6	27.3	0.707	0.00426	536	0.0275	0.126	0.000102	0.001	0.000545	4.14	0.000227	0.00415	0.000694	0.00461	0.00343
2037 Feb	1950	3.14	14.5	0.383	834	0.419	308	0.000815	0.000815	0.000014	0.00904	0.0121	0.419	0.052	0.000015	75.8	0.000102	0.00641	0.000482	0.00397	0.0269	0.0000204	26.4	27.1	0.701	0.00422	530	0.0272	0.125	0.000113	0.000991	0.00054	4.09	0.000224

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.0000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2039 Dec	156	0.165	0.781	0.0116	52.6	0.0572	31.5	0.00103	0.00103	0.00000565	0.00734	0.00184	0.051	0.019	0.0000587	19.7	0.0000215	0.00117	0.000214	0.00138	0.0543	0.0000134	2.61	4.93	0.0428	0.00078	32.2	0.00465	0.0495	0.000189	0.000311	0.00013	0.183	0.0000412	0.000419	0.000497	0.00183	0.0000283
2040 Jan	156	0.165	0.781	0.0116	52.6	0.0572	31.5	0.00103	0.00103	0.00000565	0.00734	0.00184	0.051	0.019	0.0000587	19.7	0.0000215	0.00117	0.000215	0.00139	0.0544	0.0000134	2.61	4.94	0.0429	0.000781	32.2	0.00465	0.0495	0.00019	0.000311	0.000131	0.184	0.0000412	0.000419	0.000498	0.00183	0.0000283
2040 Feb	157	0.165	0.781	0.0116	52.7	0.0572	31.5	0.00103	0.00103	0.00000565	0.00734	0.00184	0.051	0.0191	0.0000587	19.7	0.0000215	0.00117	0.000216	0.00139	0.0545	0.0000134	2.62	4.94	0.043	0.000781	32.2	0.00465	0.0495	0.00019	0.000311	0.000131	0.184	0.0000412	0.000419	0.0005	0.00183	0.0000283
2040 Mar	157	0.165	0.782	0.0116	52.7	0.0573	31.5	0.00103	0.00103	0.00000566	0.00735	0.00185	0.0511	0.0191	0.0000588	19.8	0.0000216	0.00117	0.000217	0.00139	0.0547	0.0000134	2.62	4.96	0.0432	0.000782	32.3	0.00466	0.0496	0.000191	0.000312	0.000131	0.184	0.0000412	0.00042	0.000501	0.00183	0.0000283
2040 Apr	158	0.166	0.787	0.0117	53	0.0576	31.7	0.00104	0.00104	0.00000569	0.00739	0.00186	0.0513	0.0193	0.0000591	19.9	0.0000217	0.00118	0.000218	0.0014	0.055	0.0000135	2.64	4.98	0.0435	0.000786	32.4	0.00469	0.0499	0.000192	0.000314	0.000132	0.185	0.0000414	0.000422	0.000505	0.00184	0.0000284
2040 May	160	0.168	0.786	0.0116	53.6	0.0579	31.9	0.00106	0.00106	0.00000581	0.00755	0.00191	0.0515	0.0206	0.0000603	21	0.0000223	0.00119	0.000241	0.00143	0.0586	0.0000137	2.7	5.14	0.0473	0.000792	32.6	0.00474	0.0514	0.000226	0.00032	0.000136	0.191	0.0000417	0.000424	0.000549	0.00189	0.0000281
2040 Jun	99.8	0.09	0.311	0.00499	29	0.0332	15.3	0.000959	0.000959	0.00000498	0.00676	0.00154	0.025	0.0245	0.0000507	21.6	0.0000207	0.000659	0.000335	0.0011	0.0706	0.0000108	1.94	3.81	0.0588	0.000394	15.6	0.00266	0.0487	0.000434	0.000252	0.000106	0.144	0.00000267	0.0002	0.0000762	0.0018	0.0000103
2040 Jul	117	0.107	0.408	0.00612	34.7	0.0381	19.8	0.00101	0.00101	0.00000531	0.00731	0.00169	0.0322	0.0253	0.0000544	22.9	0.00023	0.000831	0.000345	0.00122	0.0725	0.0000118	2.21	4.37	0.0616	0.000494	19.3	0.00329	0.051	0.000435	0.000293	0.00012	0.16	0.0000028	0.00026	0.0000804	0.00194	0.0000102
2040 Aug	143	0.135	0.552	0.00783	43.4	0.0452	26.5	0.00107	0.00107	0.0000057	0.0079	0.00191	0.0424	0.0271	0.0000588	25.3	0.0000256	0.00108	0.000373	0.0014	0.0765	0.0000131	2.62	5.27	0.0678	0.000642	24.9	0.0042	0.0539	0.000456	0.000343	0.000143	0.186	0.00000299	0.000346	0.0000867	0.00208	0.0000106
2040 Sep	162	0.159	0.676	0.00921	50.5	0.0511	32.3	0.00107	0.00107	0.00000581	0.00814	0.00205	0.0512	0.0274	0.0000604	26.5	0.0000269	0.00129	0.000378	0.00152	0.0758	0.0000138	2.92	5.93	0.0696	0.000781	29.4	0.00495	0.0541	0.000442	0.000374	0.000158	0.204	0.00000302	0.00042	0.0000873	0.00211	0.0000103
2040 Oct	170	0.168	0.72	0.00971	53.1	0.0533	34.3	0.00108	0.00108	0.00000588	0.00828	0.00211	0.0543	0.0277	0.0000613	27.1	0.0000275	0.00136	0.000382	0.00157	0.0762	0.0000141	3.03	6.18	0.0706	0.00083	31.1	0.00522	0.0546	0.000441	0.000387	0.000164	0.21	0.00000305	0.000447	0.0000882	0.00213	0.0000102
2040 Nov	173	0.171	0.738	0.00992	54.1	0.0542	35.2	0.00109	0.00109	0.00000592	0.00835	0.00213	0.0556	0.0279	0.0000617	27.3	0.0000278	0.00139	0.000385	0.00159	0.0765	0.0000143	3.08	6.28	0.0712	0.00085	31.8	0.00534	0.0549	0.000441	0.000392	0.000167	0.213	0.00000307	0.000458	0.0000887	0.00214	0.0000102
2040 Dec	173	0.172	0.74	0.00994	54.2	0.0544	35.3	0.00109	0.00109	0.00000592	0.00836	0.00214	0.0557	0.0279	0.0000618	27.3	0.0000278	0.0014	0.000385	0.00159	0.0764	0.0000143	3.08	6.3	0.0711	0.000853	31.9	0.00535	0.0549	0.000441	0.000393	0.000167	0.214	0.00000307	0.00046	0.0000887	0.00214	0.0000102
2041 Jan	173	0.172	0.741	0.00994	54.3	0.0544	35.3	0.00109	0.00109	0.00000592	0.00836	0.00214	0.0558	0.0279	0.0000618	27.4	0.0000278	0.0014	0.000385	0.00159	0.0765	0.0000143	3.08	6.3	0.0712	0.000854	31.9	0.00536	0.0549	0.000441	0.000393	0.000167	0.214	0.00000307	0.00046	0.0000887	0.00214	0.0000102
2041 Feb	173	0.172	0.741	0.00994	54.3	0.0544	35.3	0.00109	0.00109	0.00000593	0.00836	0.00214	0.0558	0.0279	0.0000618	27.4	0.0000278	0.0014	0.000386	0.00159	0.0766	0.0000143	3.09	6.31	0.0713	0.000854	31.9	0.00536	0.0549	0.000441	0.000393	0.000167	0.214	0.00000307	0.00046	0.0000888	0.00214	0.0000102
2041 Mar	174	0.172	0.742	0.00996	54.4	0.0545	35.4	0.00109	0.00109	0.00000593	0.00837	0.00214	0.0559	0.028	0.0000618	27.5	0.0000279	0.0014	0.000387	0.0016	0.0767	0.0000143	3.09	6.32	0.0715	0.000855	31.9	0.00537	0.055	0.000442	0.000393	0.000168	0.214	0.00000307	0.00046	0.0000889	0.00214	0.0000102
2041 Apr	174	0.173	0.745	0.01	54.6	0.0547	35.5	0.00109	0.00109	0.00000596	0.00841	0.00215	0.0561	0.0281	0.0000621	27.6	0.000028	0.00141	0.000389	0.0016	0.0771	0.0000144	3.1	6.35	0.0718	0.000859	32.1	0.00539	0.0552	0.000444	0.000395	0.000168	0.215	0.00000308	0.000463	0.0000894	0.00215	0.0000102
2041 May	190	0.189	0.833	0.011	59.8	0.059	40.1	0.00111	0.00111	0.00000611	0.00867	0.00228	0.063	0.0289	0.0000064	28.9	0.0000294	0.00158	0.000403	0.00171	0.0785	0.000015	3.36	6.92	0.0754	0.000958	35.4	0.006	0.0561	0.000452	0.000427	0.000182	0.231	0.00000316	0.000521	0.0000927	0.00221	0.0000104
2041 Jun	122	0.111	0.486	0.0067	36.3	0.0415	24.4	0.001	0.001	0.00000536	0.00781	0.00162	0.0412	0.0199	0.0000554	19.6	0.0000258	0.001	0.000254	0.0012	0.0582	0.0000124	2.26	4.4	0.0466	0.000598	21.3	0.0039	0.0483	0.000274	0.00034	0.000121	0.149	0.0000025	0.000328	0.000706	0.00208	0.00000514
2041 Jul	82	0.0658	0.284	0.00418	22.6	0.0308	15.1	0.000912	0.000912	0.00000476	0.00703	0.00121	0.0278	0.0145	0.0000487	14.1	0.0000226	0.000658	0.000169	0.000883	0.0458	0.0000105	1.58	2.9	0.0301	0.000383	13.1	0.00263	0.0426	0.000175	0.000277	0.0000833	0.0998	0.00000208	0.000211	0.000561	0.00191	0.00000242
2041 Aug	103	0.0863	0.392	0.00548	29.2	0.0374	20.7	0.000991	0.000991	0.00000524	0.00777	0.00142	0.0367	0.0162	0.0000539	16.3	0.0000255	0.000871	0.000191	0.00105	0.0498	0.000012	1.95	3.67	0.035	0.000511	17.3	0.00342	0.0462	0.00019	0.000327	0.000103	0.122	0.0000229	0.000284	0.000626	0.0021	0.0000026
2041 Sep	125	0.111	0.521	0.00695	36.7	0.0438	27.5	0.001	0.001	0.00000541	0.00808	0.0016	0.0469	0.017	0.0000561	18	0.0000274	0.00112	0.000205	0.00119	0.0506	0.0000128	2.31	4.48	0.0389	0.000663	22.1	0.00431	0.0469	0.00019	0.00037	0.000123	0.144	0.00000236	0.000371	0.000656	0.00216	0.00000259
2041 Oct	137	0.125	0.589	0.0077	40.6	0.0473	31.1	0.00099	0.00099	0.00000554	0.00815	0.00167	0.0522	0.0172	0.0000563	18.7	0.0000278	0.00125	0.00021	0.00127	0.05	0.0000131	2.49	4.9	0.0402	0.000751	24.6	0.00477	0.0466	0.000183	0.000384	0.000132	0.155	0.00000236	0.000418	0.000655	0.00213	0.00000248
2041 Nov	141	0.13	0.611	0.00795	41.9	0.0486	32.3	0.000995	0.000995	0.00000544	0.00824	0.00171	0.054	0.0174	0.0000569	19	0.0000282	0.00129	0.000213	0.0013	0.0503	0.0000133	2.55	5.04	0.0408	0.000779	25.5	0.00492	0.0469	0.000183	0.000391	0.000135	0.159	0.00000238	0.000433	0.0006	0.00215	0.00000247
2041 Dec	141	0.131	0.615	0.00799	42.1	0.0488	32.5	0.000996	0.000996	0.00000545	0.00825	0.00171	0.0543	0.0174	0.0000057	19.1	0.0000283	0.0013	0.000213	0.0013	0.0503	0.0000133	2.56	5.07	0.0409	0.000785	25.6	0.00495	0.047	0.000182	0.000392	0.000136	0.16	0.00000238	0.000436	0.000661	0.00215	0.00000247
2042 Jan	142	0.131	0.615	0.008	42.2	0.0489	32.5	0.000996	0.000996	0.00000545	0.00826	0.00171	0.0544	0.0174	0.0000057	19.1	0.0000283	0.0013	0.000214	0.0013	0.0504	0.0000133	2.57	5.08	0.041	0.000786	25.6	0.00495	0.047	0.000183	0.000392	0.000136	0.16	0.00000238	0.000436	0.000662	0.00215	0.00000246
2042 Feb	142	0.131	0.615	0.008	42.2	0.0489	32.5	0.000996	0.000996	0.00000545	0.00826	0.00172	0.0544	0.0175	0.0000057	19.2	0.0000283	0.0013	0.000214	0.0013	0.0505	0.0000133	2.57	5.08	0.0412	0.000786	25.7	0.00495	0.0471	0.000183	0.000392	0.000136	0.16	0.00000238	0.000436	0.000663	0.00215	0.00000246
2042 Mar	142	0.131	0.616	0.00801	42.3	0.0489	32.6	0.000997	0.000997	0.00000546	0.00826	0.00172	0.0544	0.0175	0.0000057	19.2	0.0000283	0.0013	0.000215	0.00131	0.0506	0.0000134	2.57	5.09	0.0413	0.000787	25.7	0.00496	0.0471	0.000184	0.000393	0.000136	0.161	0.00000238	0.000437	0.000665	0.00215	0.00000246
2042 Apr	144	0.133	0.624	0.0081	42.8	0.0495	33	0.00101	0.00101	0.00000551	0.00835	0.00174	0.0551	0.0177	0.0000576	19.4	0.0000286	0.00132	0.000218	0.00132	0.0512	0.0000135	2.6	5.16	0.0419	0.000797	26	0.00502	0.0476	0.000186	0.000397	0.000138	0.163	0.0000024	0.000442	0.0006672	0.00217	0.00000249
2042 May	151	0.14	0.659	0.00854	45.1	0.0519	34.9	0.00104	0.00104	0.00000573	0.00868	0.00182	0.0582	0.0185	0.0000599	20.3	0.0000298	0.00139	0.000228	0.00139	0.0532	0.0000141	2.74	5.43	0.0439	0.000842	27.4	0.0053	0.0493	0.000194	0.000417	0.000145	0.171	0.0000025	0.000468	0.000701	0.00226	0.00000258
2042 Jun	102	0.0861	0.39	0.0054	28.7	0.0381	21.4	0.000988	0.000988	0.00000524	0.0079	0.0014	0.0381	0.0151	0.0000054	15.6	0.000026	0.000897	0.000172	0.00104	0.0469	0.000012	1.94	3.65	0.0316	0.000534	17.1	0.0035	0.0459	0.000154	0.000332	0.000102	0.119	0.00000222	0.000295	0.0006601	0.00211	0.00000149
2042 Jul	88.3	0.0692	0.315	0.00449	23.9	0.0353	18.2	0.000959	0.000959	0.00000505	0.00746	0.00128	0.0332	0.0137	0.0000518	14	0.000024	0.000772	0.000149	0.000954	0.0439	0.0000114	1.73	3.17	0.0269	0.000461	14.1	0.00306	0.044	0.000131	0.000302	0.00009	0.104	0.0000021	0.000254	0.00054	0.00201	0.0000009
2042 Aug	101	0.0852	0.381	0.0052	28.3	0.0433	22.9	0.000938	0.000938	0.00000501	0.00705	0.0014	0.0401	0.0143	0.0000518	15.3	0.0000211	0.000923	0.00015	0.00106	0.0418	0.0000117	1.96	3.7	0.027	0.000612	16.7	0.00362	0.0425	0.000108	0.000286	0.000103	0.119	0.00000208	0.000311	0.0004456	0.00181	0.000000664
2042 Sep	112	0.0996	0.438	0.00583	31.9	0.0482	26.6	0.000929	0.000929	0.00000502	0.00703	0.0015	0.0457	0.0147	0.0000522	16.3	0.0000206	0.00105	0.000154	0.00114	0.0407	0.000012	2.16	4.13	0.0281	0.000722	18.9	0.00407	0.042	0.0000957	0.00029	0.000113	0.131	0.00000208	0.000358	0.000432	0.00174	0.000000571
2042 Oct	119	0.111	0.476	0.00624	34.2	0.0506	29.1	0.000912	0.000912	0.00000498	0.0071	0.00154	0.0491	0.0149	0.0000052	16.9	0.00002	0.00114	0.000158	0.00119	0.0404	0.0000121	2.27	4.41	0.0289	0.000788	20.4	0.00436	0.042	0.00009	0.000296	0.000119	0.138	0.00000206	0.000389	0.000429	0.0017	0.000000527
2042 Nov	122	0.115	0.491	0.00642	35.1	0.0517	30	0.000918	0.000918	0.00000502	0.0072	0.00157	0.0505	0.0151	0.0000525	17.2	0.0000213	0.00117	0.00016	0.00122	0.0407	0.0000123	2.32	4.53	0.0294	0.000813	20.9	0.00448	0.0425	0.0000896	0.0003	0.000121	0.142	0.00000208	0.000401	0.000433	0.0017	0.000000521
2042 Dec	122	0.116	0.493	0.00644	35.3	0.0519	30.1	0.000919	0.000919	0.00000503	0.00722	0.00158	0.0507	0.0152	0.0000525	17.2	0.0000213	0.00117	0.000161	0.00122	0.0408	0.0000123	2.33	4.55	0.0294	0.000817	21	0.0045	0.0425	0.0000894	0.000301	0.000122	0.142	0.00000208	0.000403	0.000433	0.0017	0.000000552
2043 Jan	122	0.116	0.494	0.00645	35.3	0.052	30.2	0.000919	0.000919	0.00000503	0.00722	0.00158	0.0508	0.0152	0.0000525	17.3	0.0000213	0.00118	0.000162	0.00122	0.0409	0.0000123	2.34	4.56	0.0296	0.000819	21.1	0.00451	0.0426	0.0000899	0.000301	0.000122	0.143	0.00000208	0.000404	0.000434	0.0017	0.000000519
2043 Feb	123	0.116	0.494	0.00645	35.3	0.052	30.2	0.000919	0.000919	0.00000503	0.00722	0.00158	0.0508	0.0153	0.0000525	17.3	0.0000213	0.00118	0.000162	0.00123	0.041	0.0000123	2.34	4.56	0.0297	0.000819	21.1	0.00451	0.0426	0.0000906	0.000301	0.000122	0.143	0.00000208	0.000404	0.000436	0.0017	0.000000519
2043 Mar	123	0.116	0.494	0.00645	35.4	0.052	30.2	0.00092	0.00092	0.00000503	0.00722	0.00158	0.0508	0.0153	0.0000526	17.4	0.0000213	0.00118	0.000163	0.00123	0.0411	0.0000123	2.34	4.57	0.0298	0.000819	21.1	0.00451	0.0426	0.0000911	0.000301	0.000122	0.143	0.00000208	0.000404	0.000437	0.0017	0.000000519
2043 Apr	124	0.117	0.498	0.00651	35.7	0.0524	30.5	0.000928	0.000928	0.00000507	0.00729	0.0016	0.0512	0.0155	0.0000053	17.5	0.0000215	0.00119	0.000165	0.00124	0.0415	0.0000124	2.36	4.61	0.0302	0.000826	21.3	0.00455	0.043	0.0000923	0.000304	0.000123	0.144	0.00000208	0.000407	0.000442	0.0017	0.000000523
2043 May	128	0.121	0.507	0.00663	36.8	0.0536	31.2	0.000963	0.000963	0.00000526	0.00754	0.00167	0.0523	0.0167	0.0000549	18.6	0.0000224	0.00122	0.000184	0.00129	0.045	0.0000128	2.45	4.8	0.0335	0.000844	21.8	0.00467	0.0449	0.000118	0.000315	0.000128	0.151	0.00000217	0.000416	0.0004481	0.00179	0.0000000528
2043 Jun	90.4	0.0748	0.226	0.00337	23.5	0.0334	16.1	0.000938	0.000938	0.00000488	0.00692	0.00147	0.0273	0.0224	0.0000498	20.4	0.0000212	0.000708	0.0003	0.00107	0.0639	0.0000108	1.89	3.74	0.0516	0.000444	12.2	0.00279	0.0467	0.000367	0.000258	0.000105	0.131	0.00000198	0.000214	0.000718	0.00179	0.000000218
2043 Jul	105	0.0869	0.289	0.00416	27.7	0.0395	20.5	0.00102	0.00102	0.00000538	0.0076	0.00165	0.0343	0.024	0.0000551	22.3	0.0000235	0.000873	0.000319	0.00121	0.068	0.0000121	2.19	4.35	0.0553	0.000546	14.8	0.00342	0.0507	0.000379	0.000297	0.00012	0.149	0.00000219	0.000271	0.000765	0.00196	0.00000022
2043 Aug	126	0.106	0.38	0.00526	33.6	0.0474	26.7	0.00111	0.00111	0.00000588	0.0083	0.00189	0.044	0.026	0.0000607	24.9	0.000026	0.0011	0.000346	0.0014	0.0727	0.0000136	2.59	5.2	0.0609	0.000694	18.4	0.00428	0.0545	0.000397	0.000344	0.000142	0.174	0.0000024	0.000351	0.000824	0.00213	0.0000000229
2043 Sep	146	0.126	0.488	0.00648	39.7	0.0543	34	0.00111	0.00111	0.0000006	0.00854	0.00206	0.055	0.0265	0.0000625	26.4	0.0000275	0.00137	0.000355	0.00155	0.0721	0.0000144	2.96	6.04	0.064	0.000858	22.4	0.00522	0.0545	0.000387	0.000386	0.000162	0.196	0.00000245	0.000445	0.000839	0.00216	0.000000222
2043 Oct	151	0.138	0.518	0.0068	41.3	0.0576	36.3	0.00108	0.00108	0.00000591	0.00863	0.00208	0.0584	0.0257	0.0000617	26.2	0.0000274	0.00144	0.000338	0.00159	0.0689	0.0000145	3.03	6.21	0.0608	0.000941	23.5	0.00547	0.0541	0.000345	0.00038	0.000164	0.199	0.00000242	0.000475	0.000789	0.00207	0.0000000196
2043 Nov	145	0.14	0.489	0.00647	39.6	0.0576	34.7	0.00106	0.00106	0.00000579	0.00861	0.002	0.0559	0.0247	0.0000604	25.3	0.0000263	0.00137	0.000316	0.00155	0.0658	0.0000141	2.91	5.92	0.0557	0.00094	22.3	0.00521	0.054	0.000305	0.00035	0.000155	0.19	0.00000237	0.000456	0.000725	0.00196	0.000000172
2043 Dec	144	0.14	0.487	0.00644	39.5	0.0576	34.5	0.00106	0.00106	0.00000579	0.00862	0.002	0.0557	0.0246	0.0000604	25.2	0.0000263	0.00136	0.000315	0.00155	0.0657	0.0000141	2.9	5.9	0.0555	0.000939	22.3	0.00519	0.0541	0.000304	0.000349	0.000154	0.19	0.00000237	0.000454	0.000721	0.00195	0.000000171
2044 Jan	144	0.14	0.486	0.00643	39.5	0.0575	34.5	0.00106	0.00106	0.00000579	0.00862	0.002	0.0556	0.0247	0.0000603	25.3	0.0000263	0.00136	0.000315	0.00155	0.0658	0.0000014	2.9	5.9	0.0555	0.000938	22.2	0.00518	0.0541	0.000304	0.000348	0.000154	0.19	0.00000236	0.000454	0.000722	0.00195	0.000000171
2044 Feb	144	0.14	0.486	0.00643	39.5	0.0575	34.5	0.00106	0.00106	0.00000579	0.00862	0.002	0.0556	0.0248	0.0000604	25.3	0.0000263	0.00136	0.000317	0.00155	0.0661	0.0000141	2.9	5.91	0.0558	0.000938	22.2	0.00518	0.0542	0.000305	0.000348	0.000154	0.19	0.00000237	0.000454	0.000724	0.00195	0.000000171
2044 Mar	144	0.14	0.486	0.00644	39.6	0.0576	34.5	0.00107	0.00107	0.0000058	0.00863	0.00201	0.0557	0.0248	0.0000605	25.4	0.0000263	0.00136	0.000318	0.00155	0.0663	0.0000141	2.91	5.92	0.056	0.000939	22.3	0.00519	0.0543	0.000306	0.000349	0.000155	0.191	0.00000237	0.000454	0.000727	0.00195	0.000000171
2044 Apr	145	0.141	0.488	0.00646	39.7	0.0578	34.7	0.00107	0.00107	0.00000582	0.00866	0.00202	0.0559	0.025	0.0000607	25.5	0.0000264	0.00137	0.00032	0.00156	0.0666	0.0000141	2.92	5.94	0.0563	0.000943	22.4	0.00521	0.0545	0.000308	0.00035	0.000155	0.191	0.00000238	0.000456	0.000731	0.00196	0.000000171
2044 May	149	0.145	0.503	0.00665	40.9	0.0595	35.7	0.0011	0.0011	0.00000599	0.00892	0.00208	0.0575	0.0257	0.0000625	26.3	0.0000272	0.00141	0.00033	0.00161	0.0686	0.0000145	3.01	6.12	0.0581	0.000971	23	0.00536	0.0561	0.000317	0.000361	0.00016	0.197	0.00000245	0.000469	0.000753	0.00202	0.0000000176
2044 Jun	86.5	0.0713	0.241	0.00358	21.8	0.0366	18	0.00096	0.00096	0.00000503	0.00751

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2047 Jun	96.9	0.0734	0.146	0.0024	22.4	0.0314	17.9	0.000933	0.000933	0.00000487	0.00696	0.00171	0.0276	0.0302	0.00000497	26.5	0.0000229	0.000799	0.000447	0.00123	0.0836	0.0000108	2.23	4.69	0.0774	0.000455	10.3	0.00308	0.0501	0.000598	0.000282	0.000128	0.165	0.00000196	0.000227	0.000977	0.00182	8.82E-10
2047 Jul	111	0.0836	0.18	0.00287	25.6	0.0366	21.9	0.00103	0.00103	0.00000054	0.00775	0.00193	0.0337	0.0331	0.00000554	29.4	0.0000258	0.000956	0.000491	0.00139	0.0915	0.0000121	2.55	5.39	0.0855	0.000546	12	0.00366	0.0552	0.000651	0.000324	0.000147	0.188	0.00000218	0.000278	0.00108	0.00202	9.56E-10
2047 Aug	128	0.0962	0.225	0.00345	29.5	0.0428	27	0.00112	0.00112	0.00000595	0.00855	0.00217	0.0415	0.0363	0.00000612	32.7	0.0000288	0.00116	0.000538	0.00158	0.0995	0.0000136	2.94	6.24	0.0945	0.000665	14.1	0.0044	0.0601	0.000705	0.000372	0.000168	0.214	0.00000241	0.000343	0.00118	0.00222	1.03E-09
2047 Sep	140	0.106	0.282	0.00407	32.1	0.0487	33.2	0.00109	0.00109	0.00000059	0.00857	0.00227	0.051	0.0354	0.00000613	32.9	0.0000294	0.00137	0.000524	0.00167	0.0952	0.0000141	3.21	6.83	0.0934	0.00081	16	0.00518	0.0584	0.000662	0.0004	0.000182	0.228	0.00000204	0.000424	0.00115	0.00219	9.69E-10
2047 Oct	148	0.116	0.327	0.00456	33.9	0.0538	38.2	0.00105	0.00105	0.00000577	0.00856	0.00231	0.0587	0.0337	0.00000604	32.5	0.0000296	0.00154	0.000496	0.00173	0.0892	0.0000142	3.38	7.22	0.0893	0.000939	17.4	0.00578	0.0565	0.000598	0.000413	0.000189	0.236	0.00000235	0.00049	0.00108	0.0021	8.72E-10
2047 Nov	148	0.119	0.332	0.00461	34	0.0552	38.9	0.00104	0.00104	0.00000574	0.0086	0.0023	0.0598	0.0329	0.00000602	32	0.0000293	0.00156	0.00048	0.00174	0.0867	0.0000142	3.38	7.2	0.0862	0.000969	17.5	0.00584	0.0562	0.000566	0.000407	0.000188	0.234	0.00000234	0.000489	0.00104	0.00206	8.24E-10
2047 Dec	148	0.12	0.334	0.00463	34.1	0.0555	39.1	0.00104	0.00104	0.00000574	0.00862	0.0023	0.0601	0.0329	0.00000602	32	0.0000294	0.00156	0.00047	0.00174	0.0865	0.0000143	3.39	7.22	0.086	0.000976	17.6	0.00586	0.0563	0.000563	0.000407	0.000188	0.235	0.00000234	0.000502	0.00104	0.00206	8.19E-10
2048 Jan	148	0.12	0.335	0.00464	34.1	0.0556	39.2	0.00104	0.00104	0.00000575	0.00862	0.00231	0.0602	0.0329	0.00000602	32	0.0000294	0.00157	0.00047	0.00174	0.0866	0.0000143	3.39	7.23	0.0861	0.000978	17.6	0.00587	0.0563	0.000563	0.000407	0.000188	0.235	0.00000234	0.000503	0.00104	0.00206	8.17E-10
2048 Feb	148	0.12	0.334	0.00464	34.1	0.0556	39.1	0.00104	0.00104	0.00000575	0.00862	0.00231	0.0602	0.0329	0.00000603	32.1	0.0000294	0.00157	0.00048	0.00174	0.0867	0.0000143	3.39	7.24	0.0863	0.000978	17.6	0.00587	0.0563	0.000564	0.000407	0.000188	0.235	0.00000234	0.000503	0.00104	0.00206	8.17E-10
2048 Mar	148	0.12	0.334	0.00463	34.1	0.0555	39.1	0.00104	0.00104	0.00000575	0.00862	0.00231	0.0601	0.033	0.00000603	32.1	0.0000294	0.00157	0.00048	0.00175	0.0868	0.0000143	3.39	7.24	0.0864	0.000977	17.6	0.00587	0.0564	0.000564	0.000407	0.000188	0.235	0.00000234	0.000502	0.00104	0.00206	8.16E-10
2048 Apr	149	0.121	0.336	0.00467	34.4	0.0559	39.4	0.00105	0.00105	0.00000579	0.00868	0.00233	0.0605	0.0332	0.00000607	32.3	0.0000296	0.00158	0.000485	0.00176	0.0875	0.0000144	3.42	7.29	0.0871	0.000984	17.7	0.00591	0.0568	0.000568	0.00041	0.00019	0.237	0.00000236	0.000506	0.00105	0.00207	8.22E-10
2048 May	154	0.125	0.347	0.00481	35.4	0.0576	40.6	0.00108	0.00108	0.00000596	0.00895	0.0024	0.0624	0.0343	0.00000625	33.3	0.0000305	0.00163	0.0005	0.00181	0.0902	0.0000148	3.52	7.52	0.0898	0.00101	18.3	0.00609	0.0585	0.000586	0.000423	0.000196	0.244	0.00000243	0.000521	0.00109	0.00213	8.46E-10
2048 Jun	92.5	0.0663	0.177	0.00285	20.2	0.0376	21.3	0.000979	0.000979	0.00000517	0.00774	0.00157	0.0358	0.0218	0.00000532	20.8	0.0000252	0.000904	0.000291	0.00117	0.0628	0.0000118	2.14	4.26	0.051	0.000552	10.2	0.0035	0.0488	0.000333	0.000313	0.000116	0.143	0.00000209	0.000284	0.000758	0.00199	4.14E-10
2048 Jul	59.3	0.0333	0.0854	0.00181	11.8	0.0273	11	0.000942	0.000942	0.00000484	0.00723	0.00113	0.0219	0.0148	0.00000491	13.8	0.0000227	0.000521	0.00017	0.000822	0.0476	0.0000104	1.4	2.49	0.0289	0.000305	5.84	0.00213	0.0442	0.000185	0.00026	0.0000738	0.0875	0.00000195	0.000159	0.000578	0.00196	1.56E-10
2048 Aug	74	0.0443	0.133	0.00239	15	0.035	17.2	0.000977	0.000977	0.00000511	0.00757	0.00132	0.0315	0.0159	0.00000523	15.7	0.0000238	0.000744	0.000183	0.000974	0.0486	0.0000114	1.75	3.25	0.0321	0.000461	7.77	0.00294	0.0456	0.00018	0.000292	0.0000927	0.109	0.00000206	0.000238	0.000588	0.00201	1.5E-10
2048 Sep	87.7	0.0556	0.185	0.00295	18	0.0415	23.7	0.000966	0.000966	0.00000516	0.00767	0.00147	0.0412	0.0163	0.00000533	17.1	0.0000246	0.000975	0.000191	0.0011	0.0477	0.0000112	2.08	4	0.0346	0.000616	9.69	0.00377	0.0451	0.00017	0.000321	0.00011	0.129	0.00000209	0.00032	0.000587	0.00199	1.39E-10
2048 Oct	97.2	0.0651	0.221	0.00335	20.1	0.0458	28.3	0.000945	0.000945	0.00000513	0.00773	0.00157	0.048	0.0165	0.00000534	17.9	0.0000252	0.00114	0.000196	0.00119	0.0468	0.0000124	2.31	4.52	0.0362	0.000727	11	0.00435	0.0446	0.000161	0.00034	0.000122	0.143	0.00000208	0.000381	0.000586	0.00195	1.31E-10
2048 Nov	100	0.0688	0.231	0.00347	20.8	0.0474	29.7	0.000945	0.000945	0.00000515	0.00781	0.0016	0.0499	0.0167	0.00000537	18.3	0.0000254	0.00119	0.000198	0.00123	0.0469	0.0000125	2.38	4.69	0.0367	0.000764	11.4	0.00452	0.0448	0.000157	0.000344	0.000126	0.147	0.0000021	0.000398	0.000585	0.00194	1.27E-10
2048 Dec	100	0.0692	0.232	0.00347	20.8	0.0475	29.7	0.000946	0.000946	0.00000515	0.00782	0.0016	0.05	0.0167	0.00000538	18.3	0.0000254	0.00119	0.000198	0.00123	0.0469	0.0000125	2.38	4.69	0.0367	0.000766	11.4	0.00452	0.0449	0.000157	0.000344	0.000126	0.147	0.0000021	0.000398	0.000585	0.00194	1.27E-10
2049 Jan	100	0.0693	0.231	0.00347	20.8	0.0475	29.7	0.000946	0.000946	0.00000515	0.00782	0.0016	0.0499	0.0168	0.00000538	18.3	0.0000254	0.00119	0.000199	0.00123	0.047	0.0000125	2.38	4.69	0.0368	0.000766	11.4	0.00452	0.045	0.000157	0.000344	0.000126	0.147	0.0000021	0.000398	0.000585	0.00194	1.27E-10
2049 Feb	100	0.0694	0.231	0.00346	20.8	0.0475	29.7	0.000947	0.000947	0.00000515	0.00782	0.00161	0.0499	0.0168	0.00000538	18.4	0.0000254	0.00119	0.0002	0.00123	0.0471	0.0000125	2.38	4.69	0.0369	0.000765	11.4	0.00452	0.045	0.000158	0.000344	0.000126	0.147	0.0000021	0.000398	0.000587	0.00194	1.27E-10
2049 Mar	101	0.0695	0.231	0.00347	20.9	0.0475	29.7	0.000948	0.000948	0.00000516	0.00783	0.00161	0.0499	0.0169	0.00000538	18.4	0.0000254	0.00119	0.000201	0.00123	0.0473	0.0000125	2.38	4.7	0.0371	0.000766	11.5	0.00452	0.0451	0.000159	0.000344	0.000126	0.148	0.0000021	0.000398	0.000588	0.00194	1.27E-10
2049 Apr	101	0.07	0.233	0.00349	21	0.0478	29.9	0.000955	0.000955	0.0000052	0.00788	0.00162	0.0503	0.017	0.00000542	18.6	0.0000256	0.00119	0.000202	0.00124	0.0477	0.0000126	2.4	4.74	0.0374	0.000771	11.5	0.00455	0.0454	0.00016	0.000346	0.000127	0.149	0.00000211	0.000401	0.000593	0.00196	1.28E-10
2049 May	105	0.0723	0.24	0.0036	21.7	0.0493	30.9	0.000983	0.000983	0.00000536	0.00812	0.00167	0.0519	0.0176	0.00000559	19.2	0.0000264	0.00123	0.000209	0.00128	0.0492	0.000013	2.48	4.89	0.0387	0.000796	11.9	0.0047	0.0468	0.000166	0.000357	0.000131	0.154	0.00000218	0.000414	0.000612	0.00201	1.31E-10
2049 Jun	62.9	0.0355	0.107	0.00205	12.2	0.0312	14.4	0.000925	0.000925	0.00000482	0.00724	0.00115	0.0275	0.0131	0.00000492	13.1	0.0000228	0.000635	0.000139	0.000851	0.0419	0.0000106	1.51	2.7	0.0242	0.000392	6.36	0.00254	0.0427	0.000123	0.000271	0.000078	0.0904	0.00000194	0.000204	0.000516	0.00193	5.28E-11
2049 Jul	58.3	0.0292	0.0922	0.00188	10.9	0.0293	13	0.000921	0.000921	0.00000477	0.00717	0.0011	0.0256	0.0123	0.00000487	12.2	0.0000227	0.000586	0.000127	0.000806	0.0404	0.0000105	1.41	2.48	0.022	0.00035	5.68	0.00237	0.042	0.000111	0.000269	0.0000729	0.0835	0.00000192	0.000188	0.000505	0.00194	3.01E-11
2049 Aug	71.2	0.0364	0.124	0.00234	13.3	0.0355	17.5	0.00102	0.00102	0.00000536	0.00806	0.0013	0.033	0.0139	0.00000549	14.2	0.0000258	0.000761	0.000147	0.000959	0.0451	0.000012	1.73	3.11	0.0261	0.000455	7.12	0.00303	0.0468	0.000124	0.000317	0.0000897	0.102	0.00000216	0.000247	0.000571	0.00218	3.31E-11
2049 Sep	84.2	0.0491	0.167	0.00281	16	0.0418	23.8	0.00101	0.00101	0.00000536	0.00818	0.00144	0.0422	0.0145	0.00000554	15.7	0.0000266	0.000983	0.000157	0.00109	0.0447	0.0000125	2.05	3.85	0.0289	0.000612	8.77	0.00382	0.0466	0.000116	0.000341	0.000106	0.122	0.00000217	0.000328	0.000572	0.00213	3.06E-11
2049 Oct	92.7	0.0599	0.196	0.00311	17.9	0.0462	28.1	0.000978	0.000978	0.00000529	0.0082	0.00153	0.0483	0.0149	0.00000551	16.7	0.0000268	0.00113	0.000164	0.00118	0.0439	0.0000127	2.25	4.35	0.0304	0.000726	9.87	0.00434	0.0461	0.000108	0.000351	0.000117	0.136	0.00000215	0.000383	0.000561	0.00205	2.77E-11
2049 Nov	98.6	0.0666	0.215	0.00332	19.1	0.0493	30.9	0.000976	0.000976	0.00000532	0.00832	0.0016	0.0524	0.0153	0.00000556	17.4	0.0000272	0.00123	0.000169	0.00125	0.044	0.000013	2.4	4.68	0.0316	0.000798	10.6	0.00468	0.0464	0.000104	0.00036	0.000124	0.145	0.00000217	0.000418	0.000561	0.00203	2.65E-11
2049 Dec	99.2	0.0675	0.216	0.00334	19.3	0.0497	31.1	0.000976	0.000976	0.00000533	0.00834	0.00161	0.0527	0.0153	0.00000557	17.5	0.0000272	0.00124	0.00017	0.00125	0.0441	0.000013	2.41	4.71	0.0317	0.000806	10.7	0.00472	0.0465	0.000104	0.000361	0.000125	0.146	0.00000217	0.000421	0.000561	0.00203	2.63E-11
2050 Jan	99.2	0.0676	0.216	0.00333	19.3	0.0497	31.1	0.000977	0.000977	0.00000533	0.00834	0.00161	0.0527	0.0154	0.00000557	17.5	0.0000272	0.00123	0.000171	0.00125	0.0443	0.000013	2.41	4.71	0.0318	0.000806	10.7	0.00471	0.0466	0.000105	0.00036	0.000125	0.146	0.00000217	0.000421	0.000562	0.00203	2.63E-11
2050 Feb	99.3	0.0677	0.216	0.00333	19.3	0.0496	31.1	0.000977	0.000977	0.00000533	0.00833	0.00161	0.0526	0.0155	0.00000557	17.6	0.0000272	0.00123	0.000172	0.00126	0.0444	0.000013	2.41	4.72	0.0321	0.000805	10.7	0.00471	0.0466	0.000106	0.00036	0.000125	0.146	0.00000217	0.00042	0.000564	0.00203	2.62E-11
2050 Mar	99.4	0.0678	0.216	0.00333	19.3	0.0496	31.1	0.000977	0.000977	0.00000533	0.00833	0.00161	0.0526	0.0155	0.00000557	17.6	0.0000272	0.00123	0.000173	0.00126	0.0446	0.000013	2.41	4.72	0.0322	0.000805	10.7	0.00471	0.0466	0.000106	0.00036	0.000125	0.146	0.00000217	0.00042	0.000565	0.00203	2.62E-11
2050 Apr	99.9	0.0682	0.217	0.00335	19.5	0.0499	31.2	0.000982	0.000982	0.00000536	0.00838	0.00162	0.0528	0.0156	0.00000556	17.7	0.0000273	0.00124	0.000174	0.00126	0.0449	0.0000131	2.43	4.75	0.0325	0.000809	10.7	0.00473	0.0469	0.000107	0.000362	0.000125	0.147	0.00000218	0.000422	0.000569	0.00204	2.64E-11
2050 May	103	0.07	0.222	0.00343	20	0.0511	32.1	0.00101	0.00101	0.00000549	0.00858	0.00167	0.0542	0.016	0.00000574	18.2	0.0000278	0.00127	0.000179	0.0013	0.0461	0.0000134	2.49	4.87	0.0334	0.00083	11	0.00485	0.0481	0.000111	0.000371	0.000129	0.151	0.00000224	0.000433	0.000585	0.00209	2.7E-11
2050 Jun	72	0.0434	0.126	0.0023	13.6	0.0363	18.7	0.000954	0.000954	0.00000503	0.0077	0.00128	0.0341	0.0138	0.00000516	14.3	0.0000245	0.000792	0.000148	0.000967	0.0432	0.0000114	1.75	3.23	0.0262	0.000502	7.18	0.00311	0.0446	0.000117	0.000298	0.0000901	0.105	0.00000203	0.000261	0.000537	0.00199	1.45E-11
2050 Jul	61.4	0.0329	0.0967	0.00193	11.3	0.0318	14.9	0.000919	0.000919	0.00000479	0.00722	0.00115	0.0282	0.0125	0.0000049	12.7	0.0000227	0.000648	0.000129	0.000855	0.0406	0.0000106	1.51	2.7	0.0225	0.000402	5.89	0.00259	0.0424	0.000106	0.000272	0.0000773	0.0894	0.00000193	0.000212	0.000497	0.00191	8.88E-12
2050 Aug	71.5	0.0383	0.122	0.00228	13.2	0.037	19	0.000978	0.000978	0.00000515	0.00772	0.0013	0.0347	0.0137	0.00000529	14.2	0.0000245	0.0008	0.000143	0.000979	0.0434	0.0000117	1.77	3.24	0.0255	0.000497	7	0.00317	0.0451	0.000113	0.000305	0.0000912	0.105	0.00000208	0.000265	0.000531	0.00204	9.16E-12
2050 Sep	80.6	0.0453	0.149	0.00258	14.8	0.0415	23.3	0.000981	0.000981	0.00000523	0.00791	0.00141	0.0412	0.0142	0.00000541	15.3	0.0000255	0.000956	0.000152	0.00108	0.0437	0.0000122	2	3.76	0.0278	0.000601	8.03	0.00373	0.0455	0.000111	0.000328	0.000104	0.119	0.00000212	0.000321	0.000543	0.00205	8.9E-12
2050 Oct	86.5	0.05	0.165	0.00277	15.9	0.0443	26	0.000992	0.000992	0.00000533	0.0081	0.00149	0.0452	0.0147	0.00000553	16.1	0.0000263	0.00105	0.000159	0.00114	0.0444	0.0000126	2.15	4.1	0.0294	0.000665	8.7	0.00408	0.0462	0.000111	0.000344	0.000111	0.129	0.00000216	0.000356	0.000556	0.00208	8.86E-12
2050 Nov	89.8	0.0521	0.175	0.00289	16.5	0.0459	27.6	0.000997	0.000997	0.00000538	0.00819	0.00153	0.0476	0.0149	0.00000559	16.5	0.0000268	0.00111	0.000163	0.00118	0.0447	0.0000128	2.23	4.29	0.0303	0.0007	9.08	0.00429	0.0465	0.000112	0.000354	0.000116	0.134	0.00000218	0.000376	0.000565	0.00209	8.87E-12
2050 Dec	90.3	0.0525	0.176	0.0029	16.6	0.0461	27.8	0.000998	0.000998	0.00000539	0.00821	0.00154	0.0479	0.0149	0.0000056	16.5	0.0000268	0.00112	0.000163	0.00118	0.0447	0.0000129	2.24	4.31	0.0304	0.000706	9.13	0.00432	0.0465	0.000112	0.000355	0.000117	0.135	0.00000219	0.000378	0.000565	0.00209	8.86E-12
2051 Jan	90.5	0.0527	0.177	0.00291	16.7	0.0462	27.9	0.000998	0.000998	0.00000539	0.00821	0.00154	0.048	0.0149	0.0000056	16.6	0.0000269	0.00112	0.000164	0.00118	0.0448	0.0000129	2.25	4.33	0.0306	0.000708	9.15	0.00433	0.0466	0.000112	0.000356	0.000117	0.135	0.00000219	0.00038	0.000566	0.00209	8.85E-12
2051 Feb	90.6	0.0528	0.177	0.00291	16.7	0.0462	27.9	0.000998	0.000998	0.00000539	0.00821	0.00154	0.048	0.015	0.0000056	16.6	0.0000269	0.00112	0.000165	0.00119	0.0449	0.0000129	2.25	4.33	0.0307	0.000708	9.16	0.00433	0.0466	0.000113	0.000356	0.000117	0.135	0.00000219	0.00038	0.000567	0.00209	8.85E-12
2051 Mar	90.7	0.0529	0.177	0.00291	16.7	0.0462	27.9	0.000999	0.000999	0.00000539	0.00822	0.00155	0.0481	0.015	0.0000056	16.7	0.0000269	0.00112	0.000165	0.00119	0.045	0.0000129	2.25	4.34	0.0308	0.000709	9.17	0.00433	0.0466	0.000113	0.000356	0.000117	0.135	0.00000219	0.00038	0.000569	0.0021	8.85E-12
2051 Apr	91.4	0.0533	0.178	0.00293	16.9	0.0466	28.1	0.00101	0.00101	0.00000543	0.00828	0.00156	0.0484	0.0152	0.00000565	16.8	0.0000271	0.00113	0.000167	0.0012	0.0454	0.000013	2.27	4.37	0.0311	0.000714	9.24	0.00437	0.047	0.000114	0.000359	0.000118	0.136	0.00000221	0.000383	0.000574	0.00211	8.92E-12
2051 May	99.6	0.058	0.195	0.00315	18.3	0.0496	31.3	0.00103	0.00103	0.00000556	0.00854	0.00168	0.0532	0.0165	0.00000584	18.3	0.0000284	0.00125	0.000189	0.00129	0.0484	0.0000136	2.48	4.85	0.0356	0.000783	10	0.00481	0.0484	0.000139	0.000384	0.00013	0.151	0.00000228	0.000423	0.00062	0.00218	8.9E-12
2051 Jun	70.8	0.0379	0.0949	0.00187	13.2	0.0313	17	0.0009	0.0009	0.00000472	0.00703	0.00131	0.03	0.0172	0.00000484	16.5	0.0000232	0.000741	0.00022	0.000961	0.0518	0.0000106	1.76	3.39	0.039	0.000427	6.42	0.0029	0.0432	0.000249	0.000289	0.0000951	0.114	0.00000191	0.000232	0.000646	0.0019	2.19E-12
2051 Jul	69.3	0.0347	0.0933	0.00188	12.5	0.0317	17	0.000922	0.000922	0.00000484	0.00723	0.00129	0.0304	0.0161	0.00000495	15.7	0.0000238	0.000739	0.000198	0.000947	0.0495	0.0000109	1.73	3.28	0.0353	0.000424	6.22	0.0029	0.0436	0.000215	0.000296	0.0000927	0.109	0.00000195	0.000234	0.000625	0.00196	1.68E-12
2051 Aug	76.7	0.0402	0.111	0.0021	14	0.0371	20.4	0.00095	0.00095	0.00000503	0.00739	0.0014	0.0358	0.0167	0.00000517	16.8	0.0000238	0.000859	0.000203	0.00104	0.0498	0.0000115	1.93	3.69	0.0363	0.000523	7.01	0.00335	0.0445	0.000204	0.000306	0.000103	0.121	0.00000203	0.000277	0.00061	0.00196	1.57E-12
2051 Sep	80.3	0.0509	0.12	0.0022	14.9	0.0409	22.4	0.000937	0.000937	0.00000499	0.00747	0.00144	0.0386	0.0168	0.00000515	17.2	0.0000232	0.000919	0.000198	0.00109	0.0484	0.0000116	2.02	3.89	0.0349	0.000607	7.41	0.00356	0.0449	0.000179	0.000294	0.000106	0.127	0.00000202	0.000303	0.000567	0.00186	1.36E-12
2051 Oct	78.9	0.0715	0.114	0.0021	15.3	0.0449	22.3	0.000891	0.000891	0.00000475	0.00748	0.0014	0.0378	0.0163	0.00000491	17.1	0.0000209	0.000883	0.000177	0.00112	0.045	0.0000111	1.96	3.79	0.0288	0.000696	7.33	0.00342	0.0455	0.000122	0.000236	0.0000982	0.123	0.00000193	0.000303	0.000451	0.00156	8.73E-13
2051 Nov	82.1	0.0748	0.123	0.0022	15.9	0.0467	23.9	0.000892	0.000892	0.00000478	0.00757	0.00145	0.0402	0.0165	0.00000495	17.5	0.0000213	0.000939	0.00018	0.00116	0.045	0.0000113	2.04	3.98	0.0294	0.000738	7.67	0.00362	0.0458	0.000118

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2054 Dec	115	0.0674	0.148	0.00252	19.9	0.0539	37.3	0.000979	0.000979	0.00000541	0.00799	0.00203	0.059	0.0254	0.00000569	25.9	0.000027	0.00148	0.000351	0.00154	0.0675	0.0000136	3.04	6.33	0.0644	0.000922	9.55	0.00557	0.0496	0.000377	0.000388	0.000166	0.201	0.00000221	0.000485	0.00082	0.00196	4.22E-14
2055 Jan	115	0.0677	0.148	0.00251	19.9	0.0539	37.3	0.000979	0.000979	0.00000541	0.00799	0.00203	0.059	0.0254	0.00000569	26	0.000027	0.00148	0.000352	0.00155	0.0676	0.0000136	3.04	6.33	0.0645	0.000922	9.55	0.00557	0.0496	0.000377	0.000388	0.000166	0.201	0.00000221	0.000485	0.000821	0.00196	4.21E-14
2055 Feb	116	0.0678	0.148	0.00251	19.9	0.0538	37.3	0.000979	0.000979	0.00000541	0.00798	0.00204	0.0589	0.0255	0.00000569	26	0.000027	0.00148	0.000354	0.00155	0.0678	0.0000136	3.04	6.33	0.0648	0.000921	9.56	0.00556	0.0496	0.000378	0.000388	0.000166	0.201	0.00000221	0.000485	0.000823	0.00196	4.2E-14
2055 Mar	116	0.0679	0.148	0.00251	20	0.0538	37.3	0.00098	0.00098	0.00000542	0.00799	0.00204	0.0589	0.0256	0.00000569	26.1	0.000027	0.00148	0.000355	0.00155	0.068	0.0000136	3.04	6.34	0.065	0.000921	9.57	0.00556	0.0497	0.000379	0.000388	0.000166	0.202	0.00000221	0.000485	0.000825	0.00196	4.2E-14
2055 Apr	116	0.0684	0.149	0.00252	20.1	0.0541	37.4	0.000986	0.000986	0.00000545	0.00803	0.00205	0.0592	0.0257	0.00000572	26.2	0.0000271	0.00148	0.000357	0.00156	0.0685	0.0000136	3.06	6.38	0.0655	0.000926	9.63	0.00559	0.05	0.000382	0.00039	0.000167	0.203	0.00000222	0.000487	0.000831	0.00197	4.22E-14
2055 May	119	0.0701	0.153	0.00259	20.6	0.0555	38.5	0.00101	0.00101	0.00000559	0.00824	0.0021	0.0608	0.0264	0.00000587	26.9	0.0000278	0.00152	0.000367	0.0016	0.0703	0.0000014	3.14	6.55	0.0672	0.000951	9.88	0.00574	0.0513	0.000392	0.0004	0.000172	0.208	0.00000228	0.0005	0.000852	0.00202	4.32E-14
2055 Jun	70.9	0.0342	0.0731	0.00166	11.7	0.035	19.1	0.000934	0.000934	0.00000493	0.00735	0.00136	0.0336	0.0165	0.00000506	16.3	0.0000238	0.000812	0.000201	0.00101	0.0497	0.0000112	1.85	3.53	0.0358	0.000488	5.56	0.00317	0.0443	0.000206	0.0003	0.0000986	0.117	0.00000199	0.000261	0.000615	0.00195	1.64E-14
2055 Jul	59.2	0.0254	0.0516	0.00145	9.62	0.0303	13.7	0.000954	0.000954	0.00000495	0.00738	0.00119	0.0263	0.0145	0.00000504	14	0.0000234	0.000619	0.000163	0.000871	0.0463	0.0000108	1.53	2.76	0.0283	0.000364	4.51	0.00249	0.0443	0.000165	0.000279	0.0000803	0.0938	0.00000199	0.000195	0.000571	0.002	9.94E-15
2055 Aug	67.7	0.0288	0.0632	0.00164	10.8	0.0347	17	0.00103	0.00103	0.00000536	0.008	0.00134	0.0317	0.0158	0.00000548	15.6	0.0000257	0.000749	0.00018	0.000985	0.0498	0.0000119	1.77	3.24	0.0317	0.000443	5.14	0.00298	0.0476	0.000177	0.000313	0.0000929	0.108	0.00000216	0.000239	0.00062	0.00216	1.06E-14
2055 Sep	74.4	0.0332	0.0756	0.00178	11.7	0.0388	20.9	0.00102	0.00102	0.00000554	0.00809	0.00143	0.0375	0.0162	0.00000555	16.5	0.0000262	0.000886	0.000185	0.00107	0.0496	0.0000123	1.96	3.69	0.0333	0.000539	5.64	0.00347	0.0476	0.000171	0.00033	0.000104	0.12	0.00000219	0.000289	0.00062	0.00215	1.02E-14
2055 Oct	79.6	0.036	0.0849	0.00189	12.3	0.0416	23.7	0.00103	0.00103	0.00000548	0.00825	0.00151	0.0417	0.0165	0.00000565	17.2	0.0000269	0.000988	0.000192	0.00113	0.05	0.0000127	2.12	4.03	0.0348	0.000603	6.02	0.00384	0.0481	0.000171	0.000347	0.000112	0.13	0.00000222	0.000325	0.000633	0.00217	1.01E-14
2055 Nov	83	0.0375	0.0913	0.00197	12.7	0.0434	25.6	0.00103	0.00103	0.00000551	0.00833	0.00156	0.0446	0.0167	0.0000057	17.6	0.0000274	0.00106	0.000195	0.00117	0.0501	0.0000129	2.22	4.26	0.0359	0.000645	6.26	0.00409	0.0482	0.000171	0.000359	0.000117	0.136	0.00000224	0.000349	0.000641	0.00219	1.01E-14
2055 Dec	84.3	0.0382	0.0937	0.00199	12.8	0.0441	26.4	0.00103	0.00103	0.00000552	0.00835	0.00157	0.0457	0.0168	0.00000572	17.8	0.0000276	0.00108	0.000197	0.00119	0.0501	0.000013	2.25	4.34	0.0363	0.000663	6.35	0.00418	0.0482	0.00017	0.000362	0.000119	0.138	0.00000224	0.000359	0.000642	0.00219	1.01E-14
2056 Jan	84.4	0.0385	0.0936	0.00199	12.9	0.0441	26.4	0.00103	0.00103	0.00000552	0.00835	0.00158	0.0457	0.0169	0.00000572	17.8	0.0000276	0.00108	0.000198	0.00119	0.0503	0.000013	2.26	4.35	0.0364	0.000663	6.36	0.00418	0.0482	0.000171	0.000362	0.000119	0.138	0.00000224	0.000358	0.000644	0.00219	1E-14
2056 Feb	84.5	0.0386	0.0936	0.00199	12.9	0.0441	26.4	0.00103	0.00103	0.00000552	0.00835	0.00158	0.0456	0.0169	0.00000572	17.9	0.0000276	0.00108	0.000199	0.00119	0.0505	0.000013	2.26	4.36	0.0367	0.000663	6.37	0.00418	0.0483	0.000172	0.000362	0.000119	0.139	0.00000224	0.000358	0.000646	0.00218	1E-14
2056 Mar	84.6	0.0387	0.0936	0.00199	12.9	0.0441	26.4	0.00103	0.00103	0.00000553	0.00836	0.00158	0.0456	0.017	0.00000572	18	0.0000276	0.00108	0.0002	0.00119	0.0507	0.000013	2.26	4.36	0.0369	0.000663	6.39	0.00418	0.0483	0.000173	0.000362	0.000119	0.139	0.00000224	0.000358	0.000648	0.00219	1E-14
2056 Apr	85.3	0.0391	0.0943	0.00201	13.1	0.0444	26.6	0.00104	0.00104	0.00000557	0.00842	0.00159	0.0459	0.0172	0.00000577	18.1	0.0000278	0.00109	0.000203	0.0012	0.0511	0.0000131	2.28	4.4	0.0373	0.000668	6.44	0.00421	0.0487	0.000175	0.000365	0.00012	0.14	0.00000226	0.000361	0.000654	0.0022	1.01E-14
2056 May	87.7	0.0435	0.0877	0.00192	14.3	0.0423	24.8	0.00105	0.00105	0.0000056	0.00837	0.00166	0.0424	0.0205	0.00000578	20.4	0.0000276	0.00104	0.000261	0.00123	0.06	0.000013	2.31	4.52	0.0469	0.000625	6.7	0.00401	0.0507	0.000273	0.000356	0.000124	0.148	0.00000227	0.000334	0.000745	0.0022	9.04E-15
2056 Jun	81.6	0.0526	0.0469	0.00129	16.6	0.0274	13.8	0.000941	0.000941	0.00000484	0.00683	0.00161	0.0216	0.0297	0.00000491	25.5	0.0000222	0.000654	0.000438	0.00114	0.0836	0.0000104	2.02	4.21	0.0754	0.000355	6.55	0.00256	0.05	0.0006	0.000264	0.000117	0.152	0.00000195	0.000175	0.00097	0.00183	3.33E-15
2056 Jul	91.7	0.0568	0.0585	0.00149	18.1	0.0325	17.7	0.00102	0.00102	0.00000528	0.00743	0.00179	0.0276	0.0317	0.00000538	27.6	0.0000243	0.000802	0.000467	0.00128	0.0889	0.0000116	2.3	4.81	0.0808	0.000443	7.29	0.00312	0.0538	0.00063	0.0003	0.000133	0.17	0.00000213	0.000225	0.00103	0.00199	3.47E-15
2056 Aug	100	0.0602	0.0709	0.00167	19.1	0.038	22	0.00106	0.00106	0.00000555	0.00778	0.00193	0.0343	0.0325	0.00000568	28.9	0.0000254	0.000958	0.000475	0.00139	0.0901	0.0000125	2.55	5.33	0.0828	0.000549	7.87	0.00369	0.0555	0.000625	0.000326	0.000146	0.185	0.00000224	0.00028	0.00105	0.00206	3.43E-15
2056 Sep	111	0.065	0.0857	0.00187	20.5	0.0435	26.9	0.0011	0.0011	0.00000583	0.00822	0.0021	0.0419	0.0339	0.000006	30.8	0.0000273	0.00114	0.000496	0.00153	0.0929	0.0000134	2.86	6	0.0874	0.000665	8.61	0.00437	0.0575	0.00064	0.000362	0.000163	0.205	0.00000236	0.000344	0.00109	0.00215	3.51E-15
2056 Oct	117	0.0677	0.0998	0.002	20.8	0.0477	31.9	0.00106	0.00106	0.00000573	0.0082	0.00217	0.0494	0.033	0.00000595	30.9	0.0000278	0.00132	0.000484	0.0016	0.0892	0.0000137	3.06	6.46	0.0863	0.000778	8.93	0.00498	0.0559	0.000605	0.000383	0.000173	0.215	0.00000233	0.000408	0.00106	0.00211	3.31E-15
2056 Nov	118	0.0697	0.103	0.00204	20.8	0.0493	33.2	0.00106	0.00106	0.00000572	0.00825	0.00218	0.0513	0.0326	0.00000595	30.8	0.0000279	0.00136	0.000476	0.00162	0.0878	0.0000137	3.1	6.56	0.0851	0.000815	9	0.00513	0.0557	0.000587	0.000385	0.000174	0.217	0.00000233	0.000425	0.00105	0.00209	3.2E-15
2056 Dec	119	0.0702	0.104	0.00205	20.9	0.0497	33.5	0.00106	0.00106	0.00000573	0.00827	0.00219	0.0519	0.0326	0.00000596	30.9	0.00028	0.00137	0.000476	0.00162	0.0876	0.0000138	3.12	6.6	0.0851	0.000825	9.04	0.00518	0.0557	0.000585	0.000386	0.000175	0.218	0.00000233	0.00043	0.00104	0.00209	3.19E-15
2057 Jan	119	0.0703	0.104	0.00205	20.9	0.0497	33.5	0.00106	0.00106	0.00000573	0.00827	0.00219	0.0519	0.0326	0.00000596	30.9	0.00028	0.00137	0.000476	0.00162	0.0877	0.0000138	3.12	6.6	0.0851	0.000825	9.04	0.00517	0.0557	0.000585	0.000386	0.000175	0.218	0.00000233	0.00043	0.00104	0.00209	3.19E-15
2057 Feb	119	0.0704	0.104	0.00205	20.9	0.0497	33.5	0.00106	0.00106	0.00000573	0.00827	0.00219	0.0518	0.0327	0.00000596	30.9	0.00028	0.00137	0.000477	0.00162	0.0878	0.0000138	3.12	6.6	0.0852	0.000824	9.04	0.00517	0.0558	0.000585	0.000386	0.000175	0.218	0.00000233	0.00043	0.00105	0.00209	3.18E-15
2057 Mar	119	0.0705	0.104	0.00205	20.9	0.0497	33.5	0.00106	0.00106	0.00000574	0.00828	0.00219	0.0519	0.0328	0.00000597	31	0.00028	0.00137	0.000478	0.00163	0.088	0.0000138	3.12	6.62	0.0854	0.000825	9.06	0.00518	0.0559	0.000586	0.000387	0.000176	0.219	0.00000233	0.00043	0.00105	0.00209	3.19E-15
2057 Apr	120	0.071	0.105	0.00207	21.1	0.0501	33.8	0.00107	0.00107	0.00000578	0.00834	0.00221	0.0522	0.033	0.00000601	31.2	0.0000282	0.00138	0.000482	0.00164	0.0887	0.0000139	3.15	6.66	0.0861	0.000831	9.13	0.00522	0.0563	0.000591	0.000389	0.000177	0.22	0.00000235	0.000433	0.00106	0.00211	3.21E-15
2057 May	123	0.0733	0.108	0.00212	21.8	0.0515	34.7	0.0011	0.0011	0.00000595	0.00859	0.00228	0.0537	0.0341	0.00000619	32.2	0.0000291	0.00142	0.000499	0.00169	0.0917	0.0000143	3.24	6.87	0.0891	0.000854	9.41	0.00537	0.058	0.000612	0.000401	0.000182	0.227	0.00000242	0.000445	0.00109	0.00217	3.27E-15
2057 Jun	73.9	0.0409	0.0475	0.00136	13.5	0.0307	15.3	0.000961	0.000961	0.00000498	0.00722	0.00147	0.0262	0.0231	0.00000508	20.7	0.0000232	0.000694	0.000316	0.00106	0.0671	0.0000109	1.89	3.74	0.0547	0.000398	5.62	0.00273	0.0481	0.000401	0.00028	0.000105	0.131	0.00000201	0.000204	0.000794	0.00193	1.19E-15
2057 Jul	77.6	0.0404	0.0527	0.00146	13.6	0.0334	17.5	0.001	0.001	0.00000522	0.00761	0.00153	0.0299	0.0229	0.00000534	21	0.0000247	0.000775	0.00031	0.00111	0.067	0.0000116	2	3.95	0.0541	0.000445	5.78	0.00304	0.0496	0.000383	0.000303	0.000111	0.136	0.00000211	0.000233	0.000802	0.00204	1.1E-15
2057 Aug	93.8	0.0474	0.0691	0.00176	15.9	0.0411	23.3	0.00114	0.00114	0.00000598	0.00874	0.00183	0.0392	0.0263	0.00000614	24.5	0.0000288	0.00101	0.000358	0.00133	0.076	0.0000135	2.45	4.9	0.0631	0.000582	6.9	0.00391	0.0563	0.000433	0.000366	0.000136	0.166	0.00000242	0.00031	0.000922	0.00234	1.24E-15
2057 Sep	110	0.0528	0.0928	0.00206	17.6	0.0495	32.3	0.00117	0.00117	0.00000628	0.00927	0.00208	0.0528	0.0277	0.00000651	27	0.0000318	0.00134	0.000383	0.00154	0.0783	0.0000149	2.95	6.02	0.0695	0.000778	7.9	0.00511	0.0579	0.000445	0.000429	0.000163	0.197	0.00000255	0.000426	0.000983	0.00246	1.27E-15
2057 Oct	123	0.0574	0.114	0.00228	18.6	0.0567	40.6	0.00115	0.00115	0.00000629	0.00943	0.00225	0.0651	0.0279	0.00000659	28.4	0.0000334	0.00163	0.00039	0.00169	0.0768	0.0000156	3.35	6.94	0.0725	0.000961	8.6	0.00617	0.057	0.00043	0.000474	0.000185	0.221	0.00000257	0.000532	0.000994	0.00246	1.22E-15
2057 Nov	125	0.0597	0.116	0.0023	18.8	0.0581	41.7	0.00114	0.00114	0.00000631	0.00949	0.00227	0.0667	0.0278	0.00000661	28.5	0.0000335	0.00167	0.000388	0.00171	0.0763	0.0000157	3.4	7.05	0.0722	0.000992	8.69	0.00629	0.0571	0.000422	0.000476	0.000187	0.223	0.00000257	0.000546	0.000986	0.00245	1.2E-15
2057 Dec	125	0.0602	0.117	0.00231	18.8	0.0585	42	0.00114	0.00114	0.00000631	0.0095	0.00228	0.0672	0.0278	0.00000662	28.6	0.0000335	0.00168	0.000388	0.00172	0.0762	0.0000157	3.42	7.08	0.0722	0.001	8.72	0.00633	0.0571	0.000422	0.000477	0.000188	0.224	0.00000257	0.00055	0.000985	0.00244	1.19E-15
2058 Jan	125	0.0604	0.117	0.00232	18.9	0.0586	42.1	0.00114	0.00114	0.00000631	0.0095	0.00228	0.0673	0.0279	0.00000662	28.6	0.0000335	0.00168	0.000389	0.00172	0.0763	0.0000157	3.42	7.1	0.0723	0.001	8.74	0.00635	0.0571	0.00042	0.000477	0.000188	0.225	0.00000257	0.000551	0.000985	0.00244	1.19E-15
2058 Feb	125	0.0605	0.117	0.00231	18.9	0.0586	42.1	0.00114	0.00114	0.00000631	0.0095	0.00228	0.0673	0.0279	0.00000662	28.7	0.0000335	0.00169	0.00039	0.00172	0.0764	0.0000157	3.43	7.11	0.0725	0.001	8.74	0.00635	0.0571	0.000421	0.000477	0.000188	0.225	0.00000257	0.000551	0.000987	0.00244	1.19E-15
2058 Mar	125	0.0606	0.118	0.00232	18.9	0.0586	42.1	0.00114	0.00114	0.00000631	0.0095	0.00229	0.0673	0.028	0.00000662	28.7	0.0000335	0.00169	0.000391	0.00173	0.0765	0.0000157	3.43	7.11	0.0726	0.001	8.75	0.00635	0.0572	0.000421	0.000477	0.000188	0.225	0.00000257	0.000551	0.000988	0.00244	1.19E-15
2058 Apr	126	0.0609	0.118	0.00233	19	0.0589	42.3	0.00115	0.00115	0.00000634	0.00955	0.0023	0.0676	0.0281	0.00000665	28.9	0.0000337	0.00169	0.000393	0.00173	0.077	0.0000158	3.45	7.15	0.0731	0.00101	8.8	0.00638	0.0575	0.000424	0.00048	0.000189	0.226	0.00000259	0.000554	0.000994	0.00246	1.19E-15
2058 May	133	0.0656	0.12	0.00231	20.5	0.0591	44	0.00113	0.00113	0.00000628	0.0094	0.00241	0.0691	0.0312	0.00000661	31.5	0.0000338	0.00176	0.000452	0.00181	0.0842	0.0000158	3.62	7.63	0.0838	0.00104	9.27	0.00661	0.058	0.000515	0.000488	0.000201	0.243	0.00000257	0.000571	0.00108	0.00242	1.01E-15
2058 Jun	93.5	0.0576	0.0532	0.0013	18	0.0308	19.9	0.000889	0.000889	0.00000467	0.00658	0.00179	0.0294	0.0326	0.00000479	28.5	0.0000227	0.000875	0.000498	0.00128	0.089	0.0000105	2.38	5.15	0.0873	0.000472	7.08	0.00333	0.0489	0.000682	0.000293	0.00014	0.18	0.00000189	0.000247	0.00106	0.00176	1.92E-16
2058 Jul	101	0.0605	0.061	0.00142	19	0.0344	23.1	0.000935	0.000935	0.00000495	0.007	0.00193	0.0344	0.034	0.00000509	30.1	0.0000244	0.001	0.00052	0.00138	0.0925	0.0000113	2.61	5.63	0.0916	0.000545	7.56	0.00379	0.0512	0.000704	0.000322	0.000152	0.195	0.000002	0.000289	0.00111	0.00187	1.97E-16
2058 Aug	117	0.0671	0.0771	0.00166	21	0.0415	29.9	0.00101	0.00101	0.00000541	0.00771	0.00219	0.0446	0.0369	0.00000561	33.4	0.0000275	0.00126	0.000567	0.00159	0.0995	0.0000128	3.06	6.64	0.101	0.000694	8.55	0.00473	0.0551	0.000754	0.000378	0.000178	0.225	0.0000022	0.000375	0.00121	0.00205	2.11E-16
2058 Sep	127	0.0706	0.0917	0.00183	21.7	0.0477	36.3	0.001	0.001	0.00000549	0.00793	0.00233	0.0544	0.0369	0.00000574	34.4	0.0000289	0.00149	0.000567	0.00171	0.098	0.0000135	3.38	7.35	0.102	0.000842	9.02	0.00556	0.0549	0.000734	0.000414	0.000194	0.243	0.00000224	0.000459	0.00121	0.00207	2.05E-16
2058 Oct	134	0.0739	0.103	0.00195	22	0.0528	41.6	0.000989	0.000989	0.0000055	0.00808	0.00242	0.0624	0.0363	0.0000058	34.7	0.0000298	0.00167	0.000558	0.0018	0.0952	0.000014	3.61	7.86	0.102	0.000967	9.32	0.00622	0.0543	0.0007	0.000438	0.000206	0.255	0.00000225	0.000527	0.00119	0.00206	1.95E-16
2058 Nov	135	0.0749	0.106	0.00198	22.1	0.054	42.7	0.000992	0.000992	0.00000554	0.00815	0.00245	0.064	0.0364	0.00000584	35	0.0000301	0.00171	0.000559	0.00183	0.0951	0.0000141	3.66	7.99	0.102	0.000993	9.42	0.00636	0.0545	0.000697	0.000445	0.000208	0.259	0.00000226	0.000541	0.00119	0.00206	1.94E-16
2058 Dec	136	0.0751	0.106	0.00199	22.2	0.0542	42.8	0.000992	0.000992	0.00000554	0.00816	0.00245	0.0643	0.0364	0.00000585	35	0.0000302	0.00172	0.000558	0.00183	0.095	0.0000141	3.67	8	0.102	0.000998	9.43	0.00638	0.0545	0.000696	0.000445	0.000209	0.259	0.00000226	0.000543	0.00119	0.00206	1.93E-16
2059 Jan	136	0.0752	0.106	0.00199	22.2	0.0542	42.9	0.000992	0.000992	0.00000554	0.00816	0.00246	0.0643	0.0364	0.00000585	35	0.0000302	0.00172	0.000558	0.00183	0.095	0.0000141	3.67	8.01	0.102	0.000999	9.43	0.00638	0.0545	0.000695	0.000445	0.000209	0.259	0.00000226	0.000544	0.00119	0.00206	1.93E-16
2059 Feb	136	0.0753	0.106	0.00199	22.2	0.0542	42.8	0.000992	0.000992	0.00000554	0.00816	0.00246	0.0643	0.0364	0.00000585	35	0.0000301	0.00172	0.000559	0.00183	0.0951	0.0000141	3.67	8.01	0.102	0.000999	9.43	0.00638	0.0545	0.000696	0.000445	0.000209	0.259	0.00000226	0.000543	0.00119	0.00206	1.93E-16
2059 Mar	136	0.0753	0.106	0.00199	22.2	0.0542	42.8	0.000992	0.000992	0.00000554	0.00816	0.00246	0.0642	0.0364	0.00000585	35	0.0000301	0.00172	0.000559	0.00183	0.0952	0.0000141	3.67	8.01	0.102	0.000998	9.44	0.00638	0.0546	0.000696	0.000445	0.000209	0.259	0.00000226	0.000543	0.00119	0.00206	1.93E-16
2059 Apr	136	0.0757	0.107	0.002	22.3	0.0545	43.1	0.000997	0.000997	0.00000557	0.00821	0.00247	0.0646	0.0366	0.00000588	35.2	0.0000303	0.00173	0.000563	0.00184	0.0958	0.0000142	3.69	8.05	0.103	0.001	9.49	0.00641	0.0549	0.0007	0.000447	0.00021	0.261	0.00000228	0.000546	0.0012	0.00207	1.94E-16
2059 May	138	0.0774	0.106	0.002	22.9	0.0544	42.9	0.00102	0.00102	0.00000566	0.00831	0.00251	0.0642	0.0379	0.00000597	36.2	0.0000307	0.00173	0.000584	0.00187	0.0992	0.0000144	3.74	8.16	0.106	0.001	9.66	0.00642	0.0562	0.000733	0.000451	0.000213	0.265	0.00000231	0.000543	0.00124	0.00211	1.83E-16

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2062 Jun	80.4	0.0454	0.0406	0.0013	12.6	0.039	22	0.000966	0.000966	0.00000512	0.0077	0.00158	0.0367	0.0217	0.0000527	20.9	0.0000247	0.000923	0.000287	0.00118	0.0618	0.0000117	2.17	4.32	0.0501	0.000584	5.18	0.00356	0.0486	0.000321	0.000306	0.000117	0.144	0.00000207	0.000293	0.000734	0.00193	2.08E-18
2062 Jul	63.7	0.0299	0.0292	0.00119	9.67	0.0325	15.7	0.000959	0.000959	0.000005	0.0075	0.00131	0.0286	0.017	0.0000051	16.3	0.0000238	0.000692	0.000206	0.000963	0.0519	0.000011	1.71	3.2	0.0356	0.000423	4.07	0.00274	0.046	0.000221	0.000283	0.0000906	0.109	0.00000202	0.000218	0.000628	0.00197	1.15E-18
2062 Aug	72.2	0.0328	0.0358	0.00129	10.4	0.0388	20.7	0.000983	0.000983	0.00000519	0.00771	0.00145	0.0362	0.0177	0.0000534	17.6	0.0000244	0.0008	0.000213	0.00108	0.0522	0.0000118	1.98	3.8	0.0376	0.000549	4.43	0.00339	0.0468	0.000213	0.000306	0.000105	0.125	0.0000021	0.000281	0.000625	0.00199	1.09E-18
2062 Sep	77.2	0.0385	0.0404	0.00132	10.7	0.0431	24.6	0.000955	0.000955	0.00000511	0.00769	0.00152	0.0419	0.0176	0.0000529	18.2	0.0000242	0.001	0.000211	0.00116	0.0502	0.000012	2.15	4.2	0.0375	0.000658	4.58	0.00386	0.046	0.000191	0.00031	0.000114	0.136	0.00000207	0.000331	0.000595	0.0019	9.63E-19
2062 Oct	72.8	0.0654	0.0345	0.0012	11.3	0.0469	23	0.000885	0.000885	0.00000473	0.00758	0.00142	0.0386	0.0166	0.0000489	17.4	0.0000206	0.000898	0.000176	0.00115	0.0447	0.0000111	1.99	3.87	0.028	0.000742	4.48	0.00347	0.0462	0.000109	0.000223	0.0000983	0.126	0.00000192	0.000311	0.000425	0.00148	5.05E-19
2062 Nov	74.2	0.0677	0.0353	0.00122	11.4	0.0481	23.7	0.00089	0.00089	0.00000476	0.00767	0.00144	0.0397	0.0167	0.0000493	17.7	0.0000207	0.000922	0.000177	0.00117	0.0449	0.000012	2.03	3.95	0.028	0.000766	4.55	0.00356	0.0467	0.000105	0.000224	0.0001	0.128	0.00000193	0.00032	0.000423	0.00148	4.85E-19
2062 Dec	75.1	0.068	0.0361	0.00123	11.5	0.0486	24.3	0.00089	0.00089	0.00000477	0.00769	0.00146	0.0405	0.0168	0.0000494	17.8	0.0000209	0.000942	0.000178	0.00118	0.0449	0.0000113	2.06	4.02	0.0283	0.000779	4.58	0.00363	0.0468	0.000105	0.000227	0.000102	0.13	0.00000194	0.000328	0.000425	0.00148	4.83E-19
2063 Jan	75.4	0.0681	0.0364	0.00123	11.5	0.0488	24.5	0.00089	0.00089	0.00000478	0.0077	0.00146	0.0408	0.0168	0.0000495	17.9	0.0000209	0.00095	0.000179	0.00119	0.045	0.0000113	2.07	4.05	0.0285	0.000783	4.59	0.00366	0.0468	0.000106	0.000228	0.000102	0.131	0.00000194	0.00033	0.000427	0.00148	4.82E-19
2063 Feb	75.6	0.0682	0.0365	0.00123	11.6	0.0488	24.5	0.00089	0.00089	0.00000478	0.0077	0.00147	0.0408	0.0169	0.0000495	17.9	0.0000209	0.000951	0.000181	0.00119	0.0452	0.0000113	2.07	4.06	0.0287	0.000784	4.61	0.00366	0.0468	0.000106	0.000229	0.000102	0.131	0.00000194	0.00033	0.000429	0.00148	4.82E-19
2063 Mar	75.7	0.0683	0.0365	0.00123	11.6	0.0488	24.5	0.000891	0.000891	0.00000478	0.0077	0.00147	0.0408	0.0169	0.0000495	18	0.0000209	0.000951	0.000181	0.00119	0.0453	0.0000113	2.07	4.06	0.0289	0.000784	4.61	0.00366	0.0469	0.000107	0.000229	0.000102	0.131	0.00000194	0.00033	0.00043	0.00148	4.82E-19
2063 Apr	76	0.0686	0.0366	0.00124	11.6	0.049	24.6	0.000895	0.000895	0.00000048	0.00773	0.00147	0.041	0.017	0.0000497	18.1	0.00002	0.000955	0.000183	0.0012	0.0455	0.0000113	2.08	4.08	0.0291	0.000787	4.64	0.00368	0.0471	0.000108	0.00023	0.000103	0.132	0.00000195	0.000332	0.000433	0.00149	4.83E-19
2063 May	78.8	0.0697	0.036	0.00123	12.8	0.0469	23.4	0.000918	0.000918	0.00000489	0.00775	0.00154	0.0385	0.0198	0.0000505	19.9	0.0000214	0.000924	0.000233	0.00122	0.0533	0.0000114	2.12	4.21	0.0378	0.000742	5	0.00356	0.0488	0.000195	0.000234	0.000108	0.139	0.00000198	0.000313	0.000527	0.00155	4.42E-19
2063 Jun	58	0.0377	0.0183	0.000932	11.1	0.0237	9	0.00085	0.00085	0.00000433	0.00632	0.00121	0.016	0.0207	0.0000437	17.9	0.0000194	0.000446	0.000282	0.000866	0.0607	0.0000091	1.45	2.83	0.0472	0.00027	4.23	0.00181	0.0434	0.000367	0.000212	0.0000806	0.104	0.00000174	0.000122	0.00069	0.00165	7.79E-20
2063 Jul	60.2	0.0356	0.0207	0.000977	10.8	0.0258	11.1	0.000864	0.000864	0.00000444	0.00651	0.00124	0.0196	0.0201	0.0000045	17.8	0.0000203	0.000524	0.00027	0.000898	0.0591	0.00000951	1.54	3	0.0457	0.000314	4.2	0.0021	0.0436	0.000342	0.000231	0.000085	0.108	0.00000179	0.000151	0.000683	0.00171	7.05E-20
2063 Aug	71.7	0.04	0.0272	0.00113	12.2	0.0319	15.9	0.000952	0.000952	0.00000495	0.00727	0.00146	0.0272	0.0223	0.0000505	20.3	0.0000231	0.000709	0.000301	0.00106	0.0647	0.0000109	1.88	3.73	0.0519	0.000428	4.78	0.00278	0.0479	0.000371	0.000275	0.000104	0.13	0.00000199	0.000213	0.000759	0.00189	7.63E-20
2063 Sep	81.2	0.0436	0.0346	0.00122	12.7	0.0395	22.3	0.000961	0.000961	0.00000509	0.00747	0.00161	0.0371	0.0225	0.0000525	21.5	0.0000237	0.000936	0.0003	0.00119	0.063	0.0000117	2.21	4.43	0.0526	0.000592	5.08	0.0036	0.048	0.000343	0.000301	0.000121	0.148	0.00000206	0.000295	0.000738	0.00189	7E-20
2063 Oct	87.6	0.0468	0.0404	0.00127	12.8	0.0443	27.5	0.000932	0.000932	0.00000503	0.00752	0.0017	0.0447	0.0222	0.0000523	22	0.0000243	0.00111	0.000296	0.00128	0.0606	0.000012	2.43	4.96	0.0528	0.000715	5.19	0.00424	0.0469	0.000319	0.000322	0.000132	0.161	0.00000204	0.000362	0.000721	0.00184	6.46E-20
2063 Nov	88.8	0.0495	0.0413	0.00128	12.9	0.0457	28.4	0.000933	0.000933	0.00000505	0.0076	0.00172	0.0461	0.0221	0.0000525	22.2	0.0000244	0.00114	0.000293	0.0013	0.06	0.0000121	2.47	5.04	0.0521	0.000746	5.22	0.00435	0.0472	0.000307	0.000321	0.000134	0.163	0.00000205	0.000374	0.000708	0.00182	6.21E-20
2063 Dec	89.4	0.05	0.0417	0.00129	12.9	0.0462	28.8	0.000933	0.000933	0.00000506	0.00762	0.00173	0.0466	0.0221	0.0000526	22.2	0.0000245	0.00116	0.000293	0.00131	0.06	0.0000122	2.49	5.08	0.0522	0.000756	5.24	0.0044	0.0473	0.000306	0.000323	0.000135	0.165	0.00000206	0.000378	0.000708	0.00183	6.18E-20
2064 Jan	89.9	0.0502	0.042	0.00129	12.9	0.0464	29	0.000933	0.000933	0.00000506	0.00763	0.00173	0.047	0.0222	0.0000527	22.3	0.0000245	0.00117	0.000294	0.00132	0.0601	0.0000122	2.51	5.12	0.0525	0.000763	5.26	0.00443	0.0473	0.000306	0.000325	0.000135	0.166	0.00000206	0.000382	0.00071	0.00183	6.17E-20
2064 Feb	90.1	0.0503	0.0421	0.00129	13	0.0465	29.1	0.000934	0.000934	0.00000506	0.00763	0.00174	0.0471	0.0222	0.0000527	22.4	0.0000246	0.00117	0.000295	0.00132	0.0602	0.0000122	2.51	5.13	0.0527	0.000764	5.28	0.00444	0.0473	0.000307	0.000325	0.000136	0.166	0.00000206	0.000383	0.000712	0.00183	6.16E-20
2064 Mar	90.4	0.0505	0.0422	0.00129	13	0.0466	29.2	0.000936	0.000936	0.00000508	0.00765	0.00174	0.0472	0.0223	0.0000529	22.5	0.0000246	0.00117	0.000297	0.00133	0.0605	0.0000122	2.52	5.15	0.0529	0.000766	5.29	0.00445	0.0475	0.000308	0.000326	0.000136	0.167	0.00000206	0.000384	0.000715	0.00183	6.17E-20
2064 Apr	90.8	0.0507	0.0424	0.0013	13.1	0.0468	29.3	0.00094	0.00094	0.0000051	0.00769	0.00175	0.0474	0.0225	0.0000531	22.6	0.0000247	0.00118	0.000299	0.00133	0.0608	0.0000123	2.53	5.18	0.0533	0.000769	5.32	0.00447	0.0477	0.00031	0.000327	0.000137	0.167	0.00000207	0.000385	0.000719	0.00184	6.19E-20
2064 May	95	0.0547	0.0418	0.00128	14.8	0.0442	28	0.000952	0.000952	0.00000513	0.0076	0.00183	0.0443	0.0264	0.0000532	25.3	0.0000248	0.00114	0.00037	0.00137	0.0713	0.0000122	2.6	5.41	0.0656	0.000721	5.85	0.00434	0.0496	0.000432	0.000327	0.000143	0.179	0.00000208	0.000363	0.000842	0.00186	5.03E-20
2064 Jun	87.1	0.0573	0.0297	0.00102	17.2	0.0278	16.1	0.000877	0.000877	0.00000455	0.00634	0.00172	0.0234	0.033	0.0000463	28.3	0.00002	0.000736	0.000504	0.00122	0.0903	0.00000996	2.21	4.77	0.0872	0.000403	6.35	0.00282	0.0489	0.0007	0.000258	0.00013	0.171	0.00000183	0.000197	0.00104	0.00167	1.26E-20
2064 Jul	97.8	0.0613	0.0353	0.00113	18.5	0.0328	20.6	0.00094	0.00094	0.00000493	0.00691	0.00191	0.0301	0.0354	0.0000505	30.8	0.0000233	0.000907	0.000541	0.00137	0.0961	0.0000111	2.53	5.47	0.0943	0.000503	6.88	0.00345	0.0523	0.000741	0.000298	0.000148	0.193	0.00000199	0.000254	0.00112	0.00181	1.33E-20
2064 Aug	106	0.0631	0.0408	0.00122	19	0.0387	25.6	0.000974	0.000974	0.00000518	0.00725	0.00207	0.038	0.0361	0.0000534	32.1	0.0000246	0.00109	0.00055	0.00149	0.097	0.0000012	2.81	6.09	0.0967	0.000622	7.18	0.00413	0.0536	0.000736	0.000329	0.000163	0.21	0.0000021	0.00032	0.00114	0.00188	1.32E-20
2064 Sep	111	0.0626	0.0465	0.00128	18	0.0473	32.6	0.000943	0.000943	0.00000514	0.00724	0.00212	0.0494	0.0331	0.0000537	31.1	0.0000243	0.00133	0.000493	0.00157	0.0863	0.0000125	3.04	6.55	0.088	0.000811	6.94	0.00497	0.0508	0.000617	0.000346	0.000173	0.218	0.00000209	0.000412	0.00101	0.00179	1.1E-20
2064 Oct	122	0.0648	0.0545	0.00138	18.4	0.0542	40.2	0.000941	0.000941	0.00000525	0.00751	0.0023	0.0608	0.0334	0.0000554	32.5	0.0000262	0.0016	0.000501	0.00172	0.0856	0.0000134	3.43	7.41	0.0909	0.000979	7.2	0.00596	0.0507	0.000606	0.000392	0.000194	0.24	0.00000214	0.00051	0.00103	0.00183	1.08E-20
2064 Nov	126	0.0657	0.0568	0.0014	18.6	0.0562	42.2	0.000945	0.000945	0.0000053	0.00762	0.00235	0.0639	0.0337	0.0000056	33	0.0000268	0.00167	0.000505	0.00176	0.0859	0.0000136	3.54	7.66	0.0921	0.00102	7.3	0.00623	0.051	0.000606	0.000405	0.0002	0.247	0.00000217	0.000536	0.00104	0.00185	1.08E-20
2064 Dec	126	0.0658	0.057	0.00141	18.6	0.0564	42.5	0.000945	0.000945	0.0000053	0.00763	0.00236	0.0643	0.0337	0.0000561	33	0.0000268	0.00168	0.000505	0.00177	0.0859	0.0000137	3.55	7.69	0.0922	0.00103	7.31	0.00626	0.051	0.000605	0.000406	0.000201	0.248	0.00000217	0.00054	0.00104	0.00186	1.07E-20
2065 Jan	126	0.0659	0.0572	0.00141	18.6	0.0566	42.7	0.000945	0.000945	0.00000531	0.00764	0.00236	0.0646	0.0337	0.0000562	33.1	0.0000269	0.00169	0.000506	0.00177	0.0859	0.0000137	3.56	7.71	0.0923	0.00103	7.32	0.00628	0.051	0.000605	0.000407	0.000201	0.248	0.00000217	0.000542	0.00104	0.00186	1.07E-20
2065 Feb	126	0.066	0.0573	0.00141	18.6	0.0566	42.7	0.000945	0.000945	0.00000531	0.00764	0.00236	0.0646	0.0337	0.0000562	33.1	0.0000269	0.00169	0.000506	0.00177	0.086	0.0000137	3.56	7.72	0.0924	0.00104	7.33	0.00629	0.051	0.000605	0.000408	0.000201	0.249	0.00000217	0.000543	0.00104	0.00186	1.07E-20
2065 Mar	127	0.0662	0.0575	0.00141	18.7	0.0568	42.9	0.000948	0.000948	0.00000532	0.00766	0.00237	0.0648	0.0338	0.0000563	33.2	0.00027	0.0017	0.000508	0.00178	0.0862	0.0000137	3.57	7.74	0.0927	0.00104	7.35	0.00631	0.0512	0.000607	0.000409	0.000202	0.249	0.00000218	0.000544	0.00105	0.00186	1.08E-20
2065 Apr	128	0.0667	0.0579	0.00143	18.8	0.0572	43.2	0.000955	0.000955	0.00000537	0.00772	0.00239	0.0653	0.0341	0.0000568	33.5	0.0000272	0.00171	0.000512	0.00179	0.087	0.0000138	3.6	7.8	0.0935	0.00105	7.41	0.00636	0.0516	0.000612	0.000412	0.000203	0.251	0.0000022	0.000548	0.00105	0.00188	1.08E-20
2065 May	134	0.0685	0.0606	0.00146	19.6	0.0591	45.8	0.000968	0.000968	0.00000547	0.00789	0.0025	0.069	0.0357	0.0000058	35.1	0.0000284	0.00181	0.000542	0.00187	0.0908	0.0000142	3.79	8.25	0.0993	0.0011	7.7	0.00672	0.0526	0.000652	0.000435	0.000215	0.265	0.00000224	0.000581	0.00112	0.00193	9.84E-21
2065 Jun	92.8	0.049	0.0362	0.00115	15.1	0.0379	25	0.000907	0.000907	0.00000485	0.00697	0.0018	0.0388	0.0284	0.0000502	26.2	0.0000237	0.00105	0.000419	0.00132	0.0773	0.0000114	2.51	5.31	0.0745	0.00061	5.85	0.00398	0.0477	0.000535	0.00032	0.000143	0.179	0.00000197	0.00032	0.000929	0.00182	4.28E-21
2065 Jul	104	0.0521	0.0413	0.0013	16.3	0.0437	29.5	0.00101	0.00101	0.00000545	0.00787	0.00202	0.046	0.0306	0.0000565	28.6	0.000027	0.00123	0.000448	0.00148	0.0832	0.0000129	2.84	5.99	0.0802	0.000712	6.37	0.00464	0.0527	0.000562	0.000369	0.000161	0.2	0.00000221	0.000379	0.00101	0.00206	4.43E-21
2065 Aug	121	0.0577	0.0498	0.00148	18	0.0525	37.2	0.00111	0.00111	0.00000603	0.00875	0.00232	0.0578	0.0336	0.0000629	32.2	0.0000306	0.00152	0.000495	0.00171	0.0904	0.0000147	3.36	7.11	0.0896	0.000889	7.11	0.00571	0.0575	0.000606	0.000432	0.000189	0.233	0.00000245	0.000477	0.00112	0.00227	4.77E-21
2065 Sep	119	0.062	0.0504	0.00144	16.9	0.0569	40.4	0.00104	0.00104	0.00000574	0.00853	0.00227	0.0628	0.0306	0.0000603	30.5	0.0000292	0.00161	0.000439	0.00171	0.0803	0.0000144	3.38	7.15	0.0799	0.001	6.71	0.00602	0.0543	0.0005	0.000416	0.000187	0.23	0.00000234	0.000521	0.000979	0.00207	3.9E-21
2065 Oct	104	0.0737	0.0422	0.0013	14.8	0.0572	36.5	0.000936	0.000936	0.00000518	0.00814	0.00197	0.0573	0.0248	0.0000545	25.7	0.0000251	0.00142	0.000328	0.00155	0.0637	0.000013	2.94	6.13	0.0576	0.00101	5.77	0.00532	0.0506	0.000313	0.000326	0.000156	0.195	0.00000211	0.000476	0.000705	0.00168	2.39E-21
2065 Nov	104	0.0758	0.0422	0.0013	14.7	0.0583	36.9	0.000931	0.000931	0.00000516	0.00818	0.00197	0.058	0.0244	0.0000543	25.4	0.0000249	0.00143	0.000318	0.00156	0.0622	0.000013	2.94	6.13	0.0557	0.00103	5.73	0.00536	0.0506	0.000293	0.000322	0.000155	0.195	0.00000211	0.000482	0.00068	0.00165	2.22E-21
2065 Dec	104	0.076	0.0422	0.0013	14.7	0.0585	37	0.000932	0.000932	0.00000517	0.00819	0.00197	0.0582	0.0243	0.0000544	25.4	0.000025	0.00143	0.000318	0.00156	0.0622	0.000013	2.95	6.14	0.0556	0.00103	5.73	0.00538	0.0506	0.000291	0.000322	0.000155	0.195	0.00000211	0.000484	0.000679	0.00165	2.21E-21
2066 Jan	105	0.0762	0.0425	0.0013	14.8	0.0587	37.3	0.000932	0.000932	0.00000517	0.0082	0.00198	0.0586	0.0244	0.0000544	25.5	0.000025	0.00144	0.000319	0.00157	0.0622	0.000013	2.96	6.18	0.0558	0.00104	5.74	0.00542	0.0507	0.000291	0.000324	0.000156	0.196	0.00000211	0.000488	0.000681	0.00165	2.2E-21
2066 Feb	105	0.0763	0.0426	0.0013	14.8	0.0588	37.4	0.000932	0.000932	0.00000518	0.00821	0.00198	0.0587	0.0245	0.0000545	25.6	0.0000251	0.00144	0.00032	0.00157	0.0624	0.0000131	2.97	6.19	0.0561	0.00104	5.76	0.00542	0.0507	0.000292	0.000325	0.000156	0.197	0.00000211	0.000488	0.000684	0.00165	2.2E-21
2066 Mar	105	0.0766	0.0428	0.00131	14.9	0.059	37.5	0.000936	0.000936	0.00000052	0.00824	0.00199	0.0589	0.0246	0.0000547	25.7	0.0000252	0.00145	0.000322	0.00158	0.0628	0.0000131	2.98	6.22	0.0564	0.00104	5.79	0.00544	0.0509	0.000294	0.000326	0.000157	0.197	0.00000212	0.00049	0.000687	0.00165	2.21E-21
2066 Apr	106	0.0771	0.043	0.00131	15	0.0593	37.7	0.000941	0.000941	0.00000523	0.00828	0.002	0.0591	0.0248	0.0000555	25.9	0.0000253	0.00146	0.000324	0.00159	0.0632	0.0000132	3	6.26	0.0568	0.00105	5.82	0.00547	0.0512	0.000296	0.000327	0.000158	0.199	0.00000213	0.000492	0.000692	0.00166	2.22E-21
2066 May	108	0.0787	0.0438	0.00134	15.3	0.0602	38.3	0.000963	0.000963	0.00000534	0.00845	0.00204	0.06	0.0255	0.0000562	26.5	0.0000258	0.00148	0.000335	0.00162	0.0651	0.0000134	3.06	6.38	0.0585	0.00106	5.96	0.00556	0.0524	0.000308	0.000334	0.000161	0.203	0.00000218	0.0005	0.000713	0.0017	2.25E-21
2066 Jun	60.3	0.0342	0.0195	0.00102	9.54	0.0308	14	0.000902	0.000902	0.00000468	0.00706	0.00125	0.0252	0.0173	0.0000477	16.2	0.0000217	0.000619	0.000212	0.000925	0.0516	0.0000103	1.6	3.03	0.0359	0.000402	3.78	0.00246	0.0443	0.000234	0.000249	0.0000649	0.105	0.00000189	0.000193	0.000599	0.00179	6.29E-22
2066 Jul	70.9	0.0347	0.0242	0.00118	10.2	0.0374	19	0.00101	0.00101	0.00000053	0.00799	0.00145	0.0337	0.0186	0.0000543	18.1	0.0000252	0.000817	0.00027	0.00109	0.0557	0.0000119	1.94	3.71	0.0394	0.000516	4.16	0.00321	0.0491	0.000238	0.000304	0.000103	0.124	0.00000214	0.000261	0.000663	0.00205	5.92E-22
2066 Aug	85.1	0.0384	0.0307	0.00134	11.4	0.0456	26	0.0011	0.0011	0.00000587	0.00887	0.00171	0.0445	0.0208	0.0000606	20.8	0.0000286	0.00108	0.000257	0.00129	0.0608	0.0000136	2.39	4.65	0.0456	0.000675	4.7	0.00418	0.0535	0.000258	0.000363	0.000127	0.152	0.00000238	0.000351	0.000739	0.00226	6.37E-22
2066 Sep	93.5	0.0432	0.0351	0.00138	11.8	0.0514	31.6	0.0011	0.0011	0.00000593	0.00908	0.00185	0.0529	0.0212	0.0000616	22	0.0000296	0.00128	0.000263	0.00141	0.0603	0.0000142	2.67	5.3	0.0475	0.000815	4.9	0.00489	0.0537	0.000246	0.000388	0.000142	0.169	0.00000241	0.000424	0.000741	0.00225	6.02E-22
2066 Oct	98.9	0.0495	0.0384	0.00137	11.8	0.0564	36.7	0.00104	0.00104	0.00000572	0.00894	0.00191	0.0601	0.0207	0.000006	22.5	0.0000293	0.00145	0.000256	0.00149	0.0568	0.0000142	2.87	5.8	0.0469	0.00095	4.91	0.00548	0.0518	0.000214	0.000393	0.000151	0.181	0.00000233	0.000489	0.000697	0.00211	5.17E-22
2066 Nov	99.9	0.0519	0.0388	0.00137	11.9	0.0576	37.6	0.00103	0.00103	0.00000569	0.00894	0.00193	0.0613	0.0206	0.0000597	22.6	0.0000291	0.00147	0.000254	0.00151	0.0561	0.0000142	2.91	5.89	0.0465	0.000979	4.93

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2069 Dec	78.8	0.0651	0.0206	0.0011	11.5	0.0488	24.8	0.000951	0.000951	0.00000508	0.0081	0.00157	0.0413	0.0192	0.0000526	19.7	0.0000228	0.00098	0.00022	0.00126	0.0524	0.0000119	2.19	4.32	0.0359	0.000772	4.34	0.00378	0.05	0.000172	0.000254	0.00011	0.141	0.00000206	0.000334	0.000527	0.00164	5.42E-24
2070 Jan	78.9	0.0653	0.0206	0.0011	11.6	0.0488	24.8	0.000951	0.000951	0.00000508	0.0081	0.00157	0.0412	0.0193	0.0000526	19.8	0.0000228	0.00098	0.000221	0.00126	0.0525	0.0000119	2.19	4.32	0.036	0.000773	4.35	0.00378	0.0501	0.000173	0.000254	0.00011	0.141	0.00000206	0.000334	0.000528	0.00164	5.41E-24
2070 Feb	79	0.0654	0.0206	0.0011	11.6	0.0488	24.8	0.000951	0.000951	0.00000508	0.0081	0.00157	0.0412	0.0193	0.0000526	19.8	0.0000228	0.00098	0.000222	0.00126	0.0527	0.0000119	2.19	4.33	0.0363	0.000772	4.36	0.00378	0.0501	0.000174	0.000254	0.00011	0.141	0.00000206	0.000334	0.000531	0.00164	5.4E-24
2070 Mar	79.2	0.0655	0.0207	0.0011	11.6	0.0488	24.9	0.000953	0.000953	0.00000509	0.0081	0.00158	0.0412	0.0194	0.0000526	19.9	0.0000228	0.000981	0.000224	0.00126	0.0529	0.0000119	2.2	4.34	0.0365	0.000773	4.38	0.00378	0.0502	0.000175	0.000254	0.00011	0.142	0.00000206	0.000334	0.000533	0.00165	5.4E-24
2070 Apr	79.9	0.0661	0.0209	0.00111	11.7	0.0492	25.1	0.00096	0.00096	0.00000513	0.00817	0.00159	0.0415	0.0196	0.0000531	20.1	0.000023	0.000989	0.000226	0.00127	0.0535	0.000012	2.22	4.38	0.0369	0.000779	4.42	0.00381	0.0506	0.000177	0.000256	0.000112	0.143	0.00000208	0.000337	0.000538	0.00166	5.44E-24
2070 May	82.9	0.0677	0.0216	0.00112	13	0.0471	23.8	0.000983	0.000983	0.00000522	0.00817	0.00165	0.039	0.0225	0.0000538	22	0.0000233	0.000955	0.000278	0.0013	0.0615	0.000012	2.26	4.52	0.0459	0.000733	4.85	0.00369	0.0524	0.000267	0.00026	0.000116	0.151	0.00000211	0.000317	0.000635	0.00171	4.94E-24
2070 Jun	82.9	0.0631	0.0214	0.00101	16.1	0.0321	15.5	0.000941	0.000941	0.00000486	0.00705	0.00167	0.0237	0.0305	0.0000494	26.5	0.0000215	0.000696	0.000441	0.00122	0.084	0.0000105	2.11	4.42	0.0745	0.00045	5.85	0.00271	0.0519	0.000582	0.000241	0.000119	0.159	0.00000196	0.000196	0.000927	0.0017	2.13E-24
2070 Jul	93.9	0.0674	0.0247	0.00111	17.4	0.0376	19.9	0.00102	0.00102	0.00000533	0.00777	0.00188	0.0306	0.0329	0.0000545	29	0.0000242	0.000869	0.000477	0.00138	0.0902	0.0000118	2.44	5.13	0.0813	0.000555	6.34	0.00335	0.0562	0.000619	0.000283	0.000137	0.181	0.00000215	0.000253	0.00101	0.00188	2.26E-24
2070 Aug	104	0.0706	0.0278	0.0012	18.3	0.0437	24.9	0.00108	0.00108	0.00000571	0.00831	0.00207	0.0382	0.0347	0.0000586	31.2	0.0000262	0.00106	0.000502	0.00153	0.0943	0.000013	2.76	5.83	0.0865	0.000672	6.71	0.00404	0.0592	0.00064	0.00032	0.000155	0.201	0.00000231	0.000317	0.00106	0.002	2.33E-24
2070 Sep	101	0.0743	0.0265	0.00117	17.2	0.0469	26.5	0.00104	0.00104	0.00000553	0.00825	0.002	0.041	0.0318	0.0000057	29.3	0.0000252	0.00109	0.000447	0.00151	0.0854	0.0000128	2.72	5.71	0.0765	0.000746	6.29	0.00417	0.0572	0.000539	0.000303	0.000149	0.194	0.00000224	0.000341	0.000936	0.00186	1.95E-24
2070 Oct	95.2	0.0772	0.0241	0.00112	16	0.0476	25.7	0.000995	0.000995	0.00000529	0.00808	0.00188	0.0401	0.0288	0.0000546	27	0.0000236	0.00104	0.000392	0.00145	0.0768	0.0000123	2.56	5.32	0.0659	0.000764	5.83	0.00398	0.0551	0.000445	0.000272	0.000138	0.18	0.00000214	0.000333	0.00081	0.0017	1.6E-24
2070 Nov	95.2	0.0786	0.024	0.00112	15.9	0.0487	26.2	0.000994	0.000994	0.00000529	0.00814	0.00188	0.041	0.0284	0.0000547	26.8	0.0000236	0.00106	0.000383	0.00145	0.0755	0.0000123	2.57	5.33	0.0642	0.000785	5.78	0.00404	0.0551	0.000427	0.00027	0.000137	0.18	0.00000214	0.000341	0.00079	0.00169	1.53E-24
2070 Dec	95.4	0.0788	0.024	0.00112	15.9	0.0489	26.4	0.000994	0.000994	0.00000053	0.00815	0.00188	0.0412	0.0283	0.0000547	26.8	0.0000236	0.00106	0.000382	0.00146	0.0754	0.0000123	2.58	5.35	0.0641	0.00079	5.78	0.00406	0.0551	0.000425	0.00027	0.000138	0.18	0.00000215	0.000343	0.000788	0.00168	1.52E-24
2071 Jan	95.5	0.0789	0.0241	0.00112	15.9	0.0489	26.4	0.000994	0.000994	0.00000053	0.00815	0.00188	0.0412	0.0284	0.0000547	26.8	0.0000236	0.00106	0.000382	0.00146	0.0754	0.0000123	2.58	5.35	0.0642	0.00079	5.79	0.00406	0.0551	0.000425	0.00027	0.000138	0.18	0.00000215	0.000343	0.000788	0.00168	1.52E-24
2071 Feb	95.5	0.0789	0.0241	0.00112	15.9	0.0489	26.4	0.000994	0.000994	0.00000053	0.00814	0.00188	0.0412	0.0284	0.0000547	26.9	0.0000236	0.00106	0.000383	0.00146	0.0755	0.0000123	2.58	5.36	0.0643	0.00079	5.79	0.00406	0.0551	0.000425	0.00027	0.000138	0.18	0.00000215	0.000343	0.00079	0.00168	1.52E-24
2071 Mar	95.6	0.079	0.0241	0.00112	16	0.0489	26.4	0.000994	0.000994	0.00000053	0.00815	0.00188	0.0412	0.0284	0.0000547	26.9	0.0000236	0.00106	0.000384	0.00146	0.0756	0.0000123	2.58	5.36	0.0645	0.00079	5.8	0.00406	0.0551	0.000426	0.00027	0.000138	0.181	0.00000215	0.000343	0.000791	0.00168	1.51E-24
2071 Apr	95.9	0.0793	0.0242	0.00113	16	0.049	26.5	0.000997	0.000997	0.00000532	0.00817	0.00189	0.0413	0.0286	0.0000549	27	0.0000237	0.00107	0.000386	0.00146	0.076	0.0000124	2.59	5.38	0.0648	0.000792	5.82	0.00407	0.0553	0.000427	0.00027	0.000138	0.181	0.00000215	0.000344	0.000794	0.00169	1.52E-24
2071 May	96	0.0783	0.0242	0.00112	16.6	0.0464	24.9	0.000997	0.000997	0.00000529	0.00803	0.00189	0.0386	0.03	0.0000545	27.8	0.0000235	0.00102	0.000413	0.00145	0.08	0.0000122	2.56	5.35	0.0696	0.00074	6	0.00389	0.0556	0.000481	0.00027	0.000138	0.182	0.00000214	0.000322	0.000848	0.00171	1.36E-24
2071 Jun	77	0.0564	0.0192	0.000973	14.7	0.0308	14.6	0.000915	0.000915	0.00000473	0.00689	0.00156	0.0229	0.0277	0.0000481	24.2	0.00002	0.000658	0.000396	0.00114	0.0772	0.0000102	1.97	4.07	0.0669	0.000424	5.34	0.00257	0.0496	0.000516	0.000237	0.000111	0.146	0.00000019	0.000187	0.000857	0.00168	5.8E-25
2071 Jul	80.6	0.0557	0.0201	0.00104	14.8	0.0333	16.3	0.000969	0.000969	0.00000502	0.00734	0.00163	0.0261	0.028	0.0000512	24.7	0.0000227	0.000728	0.000396	0.0012	0.0784	0.00001	2.09	4.29	0.0673	0.000463	5.43	0.00284	0.0518	0.00051	0.00026	0.000117	0.152	0.00000202	0.000211	0.00088	0.00181	5.64E-25
2071 Aug	89.9	0.06	0.0226	0.00113	15.9	0.038	19.8	0.00105	0.00105	0.00000545	0.00798	0.00181	0.0314	0.0303	0.0000557	27.1	0.0000249	0.000862	0.000429	0.00133	0.0842	0.0000121	2.36	4.86	0.0732	0.000547	5.88	0.00334	0.0557	0.000545	0.000293	0.000132	0.17	0.0000022	0.000255	0.00095	0.00197	6.01E-25
2071 Sep	89.9	0.0617	0.0223	0.0011	15.2	0.0415	22.4	0.00101	0.00101	0.00000053	0.00784	0.0018	0.0356	0.0283	0.0000544	26	0.000024	0.000942	0.000393	0.00134	0.0776	0.0000012	2.4	4.96	0.0673	0.00063	5.59	0.00363	0.0536	0.000476	0.000287	0.000132	0.17	0.00000214	0.000291	0.000863	0.00185	5.23E-25
2071 Oct	89.2	0.0633	0.0219	0.00108	14.7	0.0429	23.5	0.000978	0.000978	0.00000518	0.00777	0.00177	0.0373	0.0272	0.0000533	25.3	0.0000236	0.000971	0.000373	0.00134	0.0738	0.0000119	2.4	4.96	0.0636	0.000668	5.41	0.00373	0.0524	0.000437	0.000281	0.000131	0.168	0.0000021	0.000305	0.000814	0.00178	4.78E-25
2071 Nov	89.2	0.0651	0.0218	0.00108	14.6	0.0441	24.1	0.000973	0.000973	0.00000516	0.0078	0.00177	0.0382	0.0267	0.0000532	25.1	0.0000235	0.000988	0.000363	0.00135	0.0723	0.0000119	2.41	4.97	0.0618	0.000693	5.36	0.00379	0.0523	0.000416	0.000278	0.000131	0.168	0.00000209	0.000314	0.000789	0.00175	4.55E-25
2071 Dec	89.2	0.0657	0.0217	0.00108	14.6	0.0443	24.1	0.000973	0.000973	0.00000517	0.00782	0.00177	0.0383	0.0266	0.0000533	25.1	0.0000234	0.000989	0.000361	0.00135	0.072	0.0000119	2.41	4.97	0.0613	0.000697	5.35	0.00379	0.0524	0.000412	0.000277	0.00013	0.168	0.00000209	0.000315	0.000783	0.00174	4.49E-25
2072 Jan	89.2	0.0659	0.0217	0.00108	14.6	0.0443	24.1	0.000973	0.000973	0.00000517	0.00782	0.00177	0.0382	0.0267	0.0000533	25.1	0.0000234	0.000987	0.000361	0.00135	0.0721	0.0000119	2.41	4.97	0.0614	0.000697	5.36	0.00378	0.0524	0.000412	0.000276	0.00013	0.168	0.00000209	0.000314	0.000784	0.00174	4.48E-25
2072 Feb	89.3	0.066	0.0217	0.00108	14.6	0.0443	24.1	0.000974	0.000974	0.00000517	0.00782	0.00177	0.0382	0.0267	0.0000533	25.1	0.0000234	0.000987	0.000363	0.00135	0.0723	0.0000119	2.41	4.97	0.0616	0.000696	5.37	0.00378	0.0525	0.000413	0.000276	0.00013	0.168	0.00000209	0.000314	0.000786	0.00174	4.47E-25
2072 Mar	89.4	0.0661	0.0217	0.00108	14.7	0.0442	24.1	0.000974	0.000974	0.00000517	0.00782	0.00177	0.0382	0.0268	0.0000533	25.2	0.0000234	0.000987	0.000364	0.00135	0.0725	0.0000119	2.42	4.98	0.0618	0.000696	5.38	0.00378	0.0525	0.000413	0.000276	0.00013	0.168	0.00000209	0.000314	0.000788	0.00174	4.47E-25
2072 Apr	90	0.0665	0.0219	0.00108	14.8	0.0445	24.2	0.00098	0.00098	0.0000052	0.00787	0.00178	0.0384	0.027	0.0000536	25.4	0.0000236	0.000993	0.000367	0.00136	0.073	0.0000012	2.43	5.01	0.0623	0.0007	5.42	0.00381	0.0528	0.000416	0.000278	0.000131	0.17	0.00000211	0.000315	0.000793	0.00175	4.49E-25
2072 May	92.8	0.0686	0.0226	0.00112	15.2	0.0459	25	0.00101	0.00101	0.00000536	0.00812	0.00184	0.0396	0.0279	0.0000553	26.2	0.0000243	0.00102	0.000379	0.0014	0.0753	0.0000124	2.51	5.17	0.0643	0.000722	5.59	0.00393	0.0545	0.00043	0.000287	0.000135	0.175	0.00000217	0.000325	0.000819	0.00181	4.63E-25
2072 Jun	67.5	0.0427	0.0157	0.00104	11	0.0344	15.3	0.000981	0.000981	0.00000508	0.00765	0.0014	0.027	0.0203	0.0000518	18.8	0.0000231	0.000674	0.000255	0.00104	0.0595	0.0000111	1.79	3.44	0.0426	0.000456	4.18	0.00267	0.0492	0.000284	0.000259	0.0000949	0.12	0.00000205	0.000209	0.000669	0.00189	2.6E-25
2072 Jul	67.9	0.0376	0.0157	0.00109	10.5	0.0364	16.2	0.00102	0.00102	0.00000531	0.00787	0.00143	0.029	0.0196	0.0000541	18.4	0.0000237	0.000708	0.000238	0.00107	0.0584	0.0000117	1.83	3.47	0.04	0.00047	4.08	0.00283	0.0502	0.000258	0.000274	0.0000965	0.119	0.00000214	0.000223	0.000652	0.00198	2.15E-25
2072 Aug	66	0.0401	0.0142	0.00108	10.8	0.0411	15.8	0.00102	0.00102	0.00000531	0.0074	0.00141	0.029	0.0187	0.0000541	17.9	0.0000194	0.000674	0.000207	0.00105	0.0528	0.0000116	1.79	3.29	0.0335	0.000527	4.1	0.00271	0.0485	0.000194	0.000224	0.0000933	0.115	0.00000214	0.000216	0.000507	0.00177	1.57E-25
2072 Sep	65.3	0.0435	0.0135	0.00106	10.8	0.0435	16.2	0.001	0.001	0.0000052	0.00715	0.00139	0.0298	0.018	0.0000053	17.6	0.0000174	0.000677	0.000189	0.00105	0.049	0.0000114	1.77	3.24	0.0299	0.000573	4.05	0.00272	0.047	0.000156	0.000199	0.0000919	0.113	0.00000211	0.000221	0.000432	0.00163	1.23E-25
2072 Oct	64.6	0.0523	0.0128	0.00101	10.7	0.0444	17	0.00094 7	0.00094 7	0.00000494	0.0071	0.00136	0.0304	0.0172	0.0000505	17.2	0.00001 7	0.000689	0.000177	0.00105	0.0462	0.000011	1.75	3.25	0.0271	0.000616	3.92	0.00274	0.0462	0.000127	0.000182	0.0000885	0.112	0.00000199	0.000232	0.000387	0.00149	9.74E-26
2072 Nov	66	0.0548	0.0131	0.00101	10.7	0.0456	18	0.000943	0.000943	0.00000494	0.00718	0.00138	0.0319	0.0173	0.0000506	17.4	0.0000173	0.000725	0.000177	0.00108	0.046	0.0000111	1.8	3.36	0.0271	0.000647	3.94	0.00287	0.0464	0.000121	0.000185	0.0000906	0.115	0.00000199	0.000246	0.000384	0.00147	9.24E-26
2072 Dec	66.7	0.0551	0.0132	0.00101	10.8	0.046	18.5	0.000943	0.000943	0.00000495	0.0072	0.00139	0.0326	0.0173	0.0000507	17.5	0.0000174	0.000724	0.000177	0.00108	0.046	0.0000111	1.83	3.41	0.0272	0.000657	3.95	0.00293	0.0465	0.000121	0.000187	0.0000918	0.116	0.0000021	0.000251	0.000385	0.00147	9.19E-26
2073 Jan	66.9	0.0552	0.0133	0.00101	10.8	0.0461	18.6	0.000943	0.000943	0.00000495	0.0072	0.00139	0.0327	0.0174	0.0000507	17.5	0.0000174	0.000743	0.000178	0.00109	0.0462	0.0000111	1.83	3.43	0.0274	0.000659	3.96	0.00294	0.0465	0.000121	0.000188	0.000092	0.117	0.0000021	0.000252	0.000387	0.00147	9.17E-26
2073 Feb	67	0.0553	0.0133	0.00101	10.8	0.0461	18.6	0.000943	0.000943	0.00000495	0.0072	0.00139	0.0327	0.0174	0.0000507	17.6	0.0000174	0.000743	0.00018	0.00109	0.0464	0.0000111	1.83	3.43	0.0277	0.000659	3.97	0.00294	0.0465	0.000122	0.000188	0.0000921	0.117	0.0000021	0.000252	0.000389	0.00147	9.16E-26
2073 Mar	67.1	0.0554	0.0134	0.00101	10.8	0.0461	18.6	0.000944	0.000944	0.00000495	0.0072	0.0014	0.0327	0.0175	0.0000508	17.6	0.0000174	0.000744	0.000181	0.00109	0.0465	0.0000111	1.84	3.44	0.0278	0.000659	3.98	0.00294	0.0466	0.000123	0.000188	0.0000922	0.117	0.0000021	0.000252	0.000391	0.00147	9.16E-26
2073 Apr	68.1	0.0562	0.0136	0.00103	11	0.0467	18.8	0.000957	0.000957	0.00000502	0.0073	0.00142	0.0331	0.0178	0.0000514	17.9	0.0000177	0.000754	0.000184	0.0011	0.0472	0.0000113	1.86	3.49	0.0283	0.000668	4.04	0.00298	0.0472	0.000125	0.000191	0.0000935	0.119	0.00000203	0.000255	0.000397	0.00149	9.27E-26
2073 May	78.6	0.0596	0.017	0.00104	13.5	0.0438	19.8	0.000969	0.000969	0.00000508	0.0073	0.0016	0.033	0.0237	0.0000521	22.3	0.0000195	0.000819	0.000298	0.00121	0.0633	0.0000114	2.11	4.19	0.0493	0.000639	4.9	0.00319	0.0497	0.000317	0.000223	0.000113	0.145	0.00000205	0.000261	0.000623	0.0016	7.17E-26
2073 Jun	82.9	0.0577	0.0197	0.00097	16	0.0317	15.6	0.000926	0.000926	0.00000479	0.0067	0.00167	0.0239	0.0307	0.0000487	26.6	0.0000204	0.000705	0.000448	0.0012	0.0838	0.0000104	2.12	4.46	0.0763	0.000441	5.79	0.00274	0.0502	0.000597	0.000241	0.000122	0.16	0.00000193	0.000196	0.000927	0.00167	2.78E-26
2073 Jul	89.3	0.0597	0.0211	0.00104	16.7	0.0351	18.2	0.000981	0.000981	0.0000051	0.00716	0.0018	0.028	0.0321	0.0000521	28.1	0.0000221	0.000806	0.000467	0.0013	0.0875	0.0000112	2.32	4.87	0.08	0.000503	6.06	0.00312	0.0529	0.000617	0.000266	0.000133	0.173	0.00000206	0.00023	0.000974	0.00179	2.86E-26
2073 Aug	98.5	0.0627	0.0233	0.00111	17.6	0.0403	22.3	0.00104	0.00104	0.00000548	0.00767	0.00198	0.0342	0.034	0.0000561	30.2	0.0000239	0.00096	0.000494	0.00144	0.0921	0.0000123	2.6	5.48	0.0852	0.000599	6.43	0.00369	0.0561	0.000644	0.000299	0.000148	0.192	0.00000221	0.000282	0.00103	0.00191	2.97E-26
2073 Sep	103	0.0636	0.024	0.00111	17.3	0.0442	26.2	0.00103	0.00103	0.00000546	0.00775	0.00203	0.0403	0.0333	0.0000563	30.3	0.0000245	0.0011	0.000483	0.0015	0.0892	0.0000126	2.77	5.85	0.0839	0.000695	6.32	0.00418	0.0553	0.000611	0.000316	0.000156	0.2	0.00000221	0.000333	0.001	0.00189	2.81E-26
2073 Oct	99.3	0.0667	0.0225	0.00107	16.1	0.0467	27.7	0.000978	0.000978	0.00000524	0.00766	0.00196	0.0428	0.0303	0.0000542	28.4	0.0000236	0.00113	0.00043	0.00147	0.0805	0.0000123	2.72	5.72	0.0744	0.000759	5.86	0.00429	0.053	0.000515	0.0003	0.00015	0.192	0.00000212	0.000355	0.000888	0.00175	2.36E-26
2073 Nov	98.2	0.069	0.0219	0.00106	15.8	0.0478	27.9	0.000971	0.000971	0.00000521	0.00771	0.00193	0.0432	0.0294	0.0000539	27.8	0.0000233	0.00113	0.000411	0.00147	0.0778	0.0000123	2.69	5.64	0.0708	0.00078	5.74	0.00429	0.0529	0.00048	0.000292	0.000147	0.189	0.00000211	0.000359	0.000846	0.00171	2.19E-26
2073 Dec	98.7	0.0693	0.022	0.00107	15.8	0.0482	28.3	0.000971	0.000971	0.00000522	0.00773	0.00194	0.0438	0.0294	0.0000541	27.8	0.0000234	0.00114	0.000411	0.00147	0.0777	0.0000123	2.71	5.69	0.0708	0.000791	5.74	0.00434	0.0529	0.000478	0.000294	0.000148	0.19	0.00000212	0.000364	0.000845	0.00171	2.18E-26
2074 Jan	99.2	0.0694	0.0221	0.00107	15.8	0.0485	28.6	0.000971	0.000971	0.00000522	0.00774	0.00195	0.0443	0.0295	0.0000541	27.9	0.0000235	0.00115	0.000412	0.00148	0.0777	0.0000124	2.73	5.73	0.071	0.000798	5.75	0.00438	0.0529	0.000478	0.000296	0.000149	0.191	0.00000212	0.000368	0.000847	0.00171	2.17E-26
2074 Feb	99.4	0.0695	0.0222	0.00107	15.9	0.0486	28.7	0.000971	0.000971	0.00000522	0.00775	0.00195	0.0445	0.0295	0.0000541	28	0.0000235	0.00116	0.000413	0.00149	0.0778	0.0000124	2.73	5.74	0.0712	0.0008	5.76	0.0044	0.0529	0.000478	0.000296	0.00015	0.192	0.00000212	0.00037	0.000849	0.00171	2.17E-26
2074 Mar	99.6	0.0696	0.0222	0.00107	15.9	0.0486	28.8	0.000972	0.000972	0.00000523	0.00775	0.00196	0.0445	0.0296	0.0000542	28	0.0000236	0.00116	0.000414	0.00149	0.078	0.0000124	2.74	5.75	0.0714	0.000801	5.77	0.0044	0.053	0.000479	0.000297	0.00015	0.192	0.00000212	0.00037	0.000851	0.00171	2.17E-26
2074 Apr	101	0.0704	0.0225	0.00108	16.1	0.0492	29.1	0.000983	0.000983	0.00000528	0.00784	0.00198	0.045	0.0299	0.0000548	28.4	0.0000238	0.00117	0.000419	0.00151	0.0789	0.0000125	2.77	5.82	0.0722	0.000809	5.83	0.00445	0.0536	0.000485	0.0003	0.000151	0.195	0.00000214	0.000374	0.000861	0.00173	2.2E-26
2074 May	102	0.0704	0.0235	0.00107	17.7	0.043	25.4	0.000991	0.000991	0.00000526	0.00761	0.00201	0.0384	0.0338	0.0000542	30.6	0.0000238	0.00106	0.000494	0.00

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2077 Jun	83.6	0.0535	0.0188	0.000961	15.6	0.0299	16.1	0.000931	0.000931	0.00000482	0.00689	0.00168	0.0247	0.0308	0.00000491	26.6	0.0000224	0.000734	0.000456	0.00121	0.0853	0.0000105	2.16	4.55	0.0785	0.00042	5.67	0.00284	0.0505	0.000616	0.000268	0.000124	0.162	0.00000194	0.000203	0.000985	0.00179	7.97E-29
2077 Jul	92.4	0.0563	0.0204	0.00105	16.6	0.0344	19.5	0.00102	0.00102	0.00000053	0.00759	0.00186	0.03	0.0328	0.00000541	28.8	0.0000249	0.000866	0.000484	0.00134	0.0909	0.0000117	2.42	5.1	0.0839	0.000497	6.05	0.00334	0.0547	0.000647	0.000305	0.000139	0.179	0.00000214	0.000247	0.00106	0.00197	8.3E-29
2077 Aug	104	0.0612	0.0226	0.00115	18	0.0397	23.6	0.00111	0.00111	0.00000581	0.00834	0.00208	0.0362	0.0358	0.00000596	31.7	0.0000276	0.00103	0.000529	0.0015	0.0987	0.0000131	2.75	5.82	0.0921	0.000594	6.59	0.00394	0.0596	0.0007	0.000346	0.000158	0.202	0.00000235	0.000299	0.00116	0.00216	8.97E-29
2077 Sep	97.1	0.063	0.0198	0.00107	16.2	0.0428	24.7	0.00102	0.00102	0.00000542	0.00794	0.00193	0.0384	0.0312	0.00000558	28.5	0.000025	0.00104	0.000446	0.00144	0.0846	0.0000124	2.62	5.48	0.077	0.000667	5.87	0.00396	0.0551	0.000554	0.00031	0.000146	0.187	0.00000219	0.000317	0.000959	0.00191	7.05E-29
2077 Oct	97.5	0.0669	0.019	0.00106	15.7	0.0461	26.8	0.001	0.001	0.00000536	0.00802	0.00193	0.0419	0.0297	0.00000554	27.8	0.0000248	0.0011	0.000416	0.00146	0.0798	0.0000125	2.66	5.56	0.0717	0.000742	5.66	0.00419	0.0545	0.000494	0.000305	0.000146	0.188	0.00000217	0.000346	0.00089	0.00183	6.26E-29
2077 Nov	98.1	0.0687	0.0188	0.00106	15.6	0.0473	27.4	0.00101	0.00101	0.00000538	0.0081	0.00194	0.0429	0.0295	0.00000557	27.8	0.0000249	0.00112	0.00041	0.00147	0.079	0.0000126	2.68	5.6	0.0706	0.000766	5.64	0.00426	0.0547	0.000548	0.000305	0.000147	0.188	0.00000218	0.000355	0.000875	0.00182	6.07E-29
2077 Dec	98.3	0.0689	0.0189	0.00106	15.6	0.0475	27.6	0.00101	0.00101	0.00000539	0.00811	0.00194	0.0431	0.0295	0.00000557	27.8	0.0000249	0.00113	0.00041	0.00148	0.0788	0.0000126	2.69	5.62	0.0705	0.000771	5.64	0.00428	0.0547	0.000478	0.000305	0.000147	0.189	0.00000218	0.000357	0.000873	0.00182	6.04E-29
2078 Jan	98.4	0.0691	0.0189	0.00106	15.6	0.0476	27.7	0.00101	0.00101	0.00000539	0.00812	0.00194	0.0432	0.0295	0.00000557	27.8	0.0000249	0.00113	0.00041	0.00148	0.0789	0.0000126	2.69	5.63	0.0706	0.000773	5.64	0.00429	0.0548	0.000478	0.000305	0.000147	0.189	0.00000219	0.000358	0.000874	0.00182	6.03E-29
2078 Feb	98.5	0.0691	0.0189	0.00107	15.7	0.0476	27.7	0.00101	0.00101	0.00000539	0.00812	0.00195	0.0432	0.0296	0.00000558	27.9	0.0000249	0.00113	0.00041	0.00148	0.0791	0.0000126	2.7	5.63	0.0707	0.000772	5.65	0.00429	0.0548	0.000478	0.000305	0.000147	0.189	0.00000219	0.000358	0.000875	0.00182	6.02E-29
2078 Mar	98.6	0.0692	0.0189	0.00107	15.7	0.0476	27.7	0.00101	0.00101	0.00000539	0.00812	0.00195	0.0432	0.0296	0.00000558	27.9	0.0000249	0.00113	0.00041	0.00148	0.0792	0.0000126	2.7	5.64	0.0709	0.000772	5.66	0.00429	0.0548	0.000479	0.000305	0.000147	0.189	0.00000219	0.000358	0.000877	0.00182	6.02E-29
2078 Apr	99.9	0.0701	0.0192	0.00108	15.9	0.0482	28	0.00102	0.00102	0.00000546	0.00822	0.00197	0.0437	0.03	0.00000565	28.3	0.0000252	0.00114	0.00041	0.0015	0.0802	0.0000128	2.73	5.71	0.0718	0.000782	5.73	0.00434	0.0556	0.000485	0.000309	0.000149	0.192	0.00000221	0.000362	0.000889	0.00185	6.1E-29
2078 May	99.4	0.0691	0.0207	0.00105	17.5	0.0406	23.5	0.001	0.001	0.00000529	0.00771	0.00197	0.0355	0.0338	0.00000543	30.3	0.0000243	0.000996	0.000496	0.00145	0.0913	0.000012	2.63	5.6	0.0853	0.000636	6.29	0.0038	0.0556	0.000637	0.000297	0.000149	0.194	0.00000214	0.000297	0.00103	0.00184	4E-29
2078 Jun	87.4	0.0614	0.0199	0.000925	17.5	0.0281	15.2	0.000903	0.000903	0.00000466	0.00652	0.00175	0.0218	0.0344	0.00000474	29.2	0.000021	0.000702	0.000522	0.00124	0.0938	0.0000101	2.21	4.78	0.0896	0.000398	6.25	0.0027	0.0509	0.000725	0.000249	0.00013	0.173	0.00000188	0.000184	0.00107	0.00167	1.56E-29
2078 Jul	98.9	0.0673	0.0222	0.00103	19.2	0.0328	18.7	0.000997	0.000997	0.00000518	0.00726	0.00197	0.027	0.0379	0.00000528	32.5	0.0000237	0.000845	0.000576	0.00141	0.103	0.0000114	2.53	5.49	0.0993	0.000482	6.87	0.00324	0.0561	0.000793	0.000287	0.000148	0.196	0.00000209	0.000229	0.00118	0.00186	1.7E-29
2078 Aug	109	0.0696	0.0237	0.00108	19.9	0.0387	24	0.00104	0.00104	0.00000549	0.00772	0.00216	0.035	0.0395	0.00000563	34.5	0.0000256	0.00104	0.0006	0.00156	0.106	0.0000124	2.86	6.2	0.104	0.000603	7.14	0.00396	0.0585	0.000812	0.000325	0.000167	0.217	0.00000222	0.000297	0.00123	0.00197	1.74E-29
2078 Sep	119	0.0708	0.0248	0.00111	20	0.0452	30.6	0.00105	0.00105	0.00000564	0.00802	0.00232	0.0451	0.0399	0.00000584	35.9	0.0000272	0.00128	0.000607	0.0017	0.106	0.0000133	3.2	6.97	0.107	0.000754	7.19	0.00482	0.0589	0.000801	0.000365	0.000185	0.238	0.00000229	0.000382	0.00124	0.0202	1.71E-29
2078 Oct	122	0.0714	0.0243	0.00108	19.1	0.0501	35.3	0.00102	0.00102	0.00000555	0.00807	0.00235	0.0525	0.038	0.00000579	35.2	0.0000276	0.00144	0.000576	0.00175	0.1	0.0000135	3.36	7.31	0.102	0.000874	6.86	0.00539	0.0572	0.000734	0.00038	0.000191	0.244	0.00000226	0.000445	0.00118	0.00196	1.56E-29
2078 Nov	121	0.0729	0.0237	0.00108	18.7	0.0512	35.7	0.00101	0.00101	0.00000554	0.00811	0.00234	0.0533	0.0372	0.00000578	34.7	0.0000274	0.00145	0.000558	0.00175	0.0974	0.0000135	3.35	7.26	0.0988	0.000897	6.73	0.00542	0.0569	0.0007	0.000375	0.000189	0.241	0.00000225	0.000451	0.00114	0.00193	1.49E-29
2078 Dec	121	0.0731	0.0237	0.00108	18.7	0.0515	35.9	0.00102	0.00102	0.00000554	0.00813	0.00234	0.0536	0.0371	0.00000579	34.7	0.0000275	0.00145	0.000557	0.00175	0.0972	0.0000135	3.35	7.27	0.0986	0.000902	6.73	0.00544	0.057	0.000697	0.000375	0.00019	0.242	0.00000225	0.000454	0.00114	0.00192	1.48E-29
2079 Jan	121	0.0732	0.0238	0.00108	18.7	0.0517	36.2	0.00101	0.00101	0.00000554	0.00814	0.00235	0.054	0.0371	0.00000579	34.7	0.0000275	0.00146	0.000557	0.00175	0.0971	0.0000136	3.37	7.31	0.0987	0.000908	6.73	0.00548	0.0569	0.000697	0.000377	0.00019	0.243	0.00000226	0.000457	0.00114	0.00192	1.48E-29
2079 Feb	121	0.0732	0.0238	0.00108	18.7	0.0517	36.2	0.00101	0.00101	0.00000554	0.00813	0.00235	0.0541	0.0372	0.00000579	34.7	0.0000275	0.00147	0.000558	0.00176	0.0972	0.0000136	3.37	7.31	0.0989	0.000909	6.73	0.00548	0.0569	0.000697	0.000377	0.00019	0.243	0.00000226	0.000458	0.00114	0.00192	1.48E-29
2079 Mar	122	0.0733	0.0238	0.00108	18.8	0.0518	36.3	0.00102	0.00102	0.00000555	0.00814	0.00235	0.0542	0.0372	0.0000058	34.8	0.0000276	0.00147	0.000559	0.00176	0.0974	0.0000136	3.38	7.33	0.0991	0.000911	6.75	0.00549	0.057	0.000698	0.000378	0.000191	0.243	0.00000226	0.000459	0.00114	0.00193	1.48E-29
2079 Apr	122	0.0739	0.024	0.00109	18.9	0.0522	36.6	0.00102	0.00102	0.00000559	0.0082	0.00237	0.0545	0.0375	0.00000584	35.1	0.0000278	0.00148	0.000563	0.00177	0.0981	0.0000137	3.4	7.38	0.0998	0.000917	6.8	0.00553	0.0574	0.000703	0.000381	0.000192	0.245	0.00000227	0.000462	0.00115	0.00194	1.49E-29
2079 May	126	0.0761	0.0247	0.00112	19.5	0.0536	37.5	0.00105	0.00105	0.00000575	0.00844	0.00244	0.056	0.0387	0.00000601	36.1	0.0000286	0.00152	0.000581	0.00182	0.101	0.0000141	3.5	7.59	0.103	0.000941	7	0.00568	0.0591	0.000726	0.000391	0.000198	0.252	0.00000234	0.000474	0.00119	0.002	1.52E-29
2079 Jun	67.2	0.0345	0.0134	0.000945	10.8	0.0299	14.9	0.00092	0.00092	0.00000478	0.00703	0.00139	0.0256	0.0213	0.00000487	19.3	0.0000225	0.000669	0.000289	0.00101	0.0623	0.0000105	1.79	3.53	0.0498	0.000394	4.09	0.00263	0.0461	0.000358	0.000268	0.0000987	0.123	0.00000193	0.000199	0.000739	0.00186	4.71E-30
2079 Jul	66.5	0.0305	0.0129	0.000963	10.1	0.0312	15.8	0.000937	0.000937	0.00000488	0.0072	0.00138	0.0276	0.02	0.00000498	18.5	0.0000232	0.000703	0.000264	0.00101	0.0592	0.0000108	1.8	3.51	0.0458	0.000412	3.87	0.00277	0.0461	0.000317	0.000281	0.0000984	0.121	0.00000197	0.000214	0.000711	0.00192	3.93E-30
2079 Aug	75.9	0.0325	0.0142	0.00104	10.8	0.037	20.3	0.00101	0.00101	0.00000533	0.0078	0.00157	0.0346	0.0216	0.00000544	20.4	0.0000254	0.000872	0.000286	0.00115	0.0633	0.000012	2.1	4.14	0.0502	0.000517	4.17	0.0034	0.0495	0.000334	0.000318	0.000115	0.139	0.00000214	0.000273	0.000761	0.00206	4.1E-30
2079 Sep	78.6	0.0392	0.0138	0.00102	10.7	0.0411	23.3	0.000979	0.000979	0.0000052	0.00781	0.0016	0.039	0.021	0.00000537	25.5	0.0000249	0.000966	0.000272	0.0012	0.0601	0.000012	2.21	4.39	0.0477	0.000616	4.09	0.00373	0.0488	0.000294	0.000313	0.000119	0.145	0.00000211	0.000311	0.000708	0.00195	3.59E-30
2079 Oct	80.4	0.0435	0.0135	0.000997	10.6	0.0438	25.5	0.000953	0.000953	0.00000511	0.00778	0.00162	0.0421	0.0205	0.00000529	20.5	0.0000246	0.00103	0.000262	0.00124	0.0576	0.000012	2.28	4.58	0.046	0.000684	4.02	0.00397	0.0481	0.000267	0.00031	0.000122	0.149	0.00000207	0.000339	0.00067	0.00186	3.23E-30
2079 Nov	79.7	0.0477	0.013	0.00099	10.7	0.0446	25.3	0.000947	0.000947	0.00000507	0.0078	0.0016	0.0418	0.0202	0.00000525	20.3	0.0000241	0.00102	0.000254	0.00124	0.0564	0.0000119	2.26	4.51	0.0439	0.000701	4.01	0.00392	0.0483	0.000248	0.000296	0.000119	0.147	0.00000206	0.000338	0.000638	0.0018	2.98E-30
2079 Dec	79.1	0.0513	0.0126	0.000985	10.8	0.0453	25	0.000943	0.000943	0.00000505	0.00783	0.00159	0.0414	0.02	0.00000523	20.2	0.0000236	0.001	0.000247	0.00124	0.0555	0.0000119	2.23	4.45	0.0422	0.000713	4	0.00386	0.0485	0.000233	0.000285	0.000117	0.145	0.00000205	0.000334	0.000613	0.00176	2.78E-30
2080 Jan	79.1	0.0517	0.0126	0.000985	10.8	0.0453	24.9	0.000944	0.000944	0.00000505	0.00783	0.00159	0.0412	0.0201	0.00000523	20.2	0.0000236	0.001	0.000248	0.00124	0.0557	0.0000118	2.23	4.45	0.0424	0.000712	4.02	0.00385	0.0486	0.000233	0.000284	0.000116	0.145	0.00000205	0.000333	0.000614	0.00175	2.76E-30
2080 Feb	79.4	0.052	0.0127	0.000986	10.9	0.0452	24.9	0.000944	0.000944	0.00000505	0.00782	0.0016	0.0411	0.0203	0.00000523	20.3	0.0000236	0.001	0.000251	0.00124	0.0561	0.0000118	2.24	4.47	0.0429	0.000712	4.05	0.00385	0.0486	0.000235	0.000284	0.000116	0.146	0.00000205	0.000333	0.000618	0.00175	2.75E-30
2080 Mar	79.5	0.0521	0.0128	0.000986	11	0.0452	24.9	0.000944	0.000944	0.00000505	0.00782	0.0016	0.0411	0.0204	0.00000523	20.4	0.0000236	0.001	0.000253	0.00124	0.0564	0.0000118	2.24	4.47	0.0432	0.000711	4.06	0.00385	0.0487	0.000236	0.000284	0.000116	0.146	0.00000205	0.000333	0.000621	0.00175	2.75E-30
2080 Apr	80	0.0525	0.0129	0.000991	11.1	0.0454	25	0.000949	0.000949	0.00000508	0.00786	0.00161	0.0413	0.0205	0.00000525	20.6	0.0000237	0.00101	0.000255	0.00125	0.0568	0.0000119	2.25	4.5	0.0436	0.000714	4.09	0.00387	0.049	0.000238	0.000285	0.000117	0.147	0.00000206	0.000334	0.000626	0.00176	2.76E-30
2080 May	82.7	0.0542	0.0133	0.00102	11.4	0.0469	25.9	0.00098	0.00098	0.00000524	0.00812	0.00166	0.0427	0.0212	0.00000543	21.3	0.0000245	0.00104	0.000264	0.00129	0.0587	0.0000123	2.33	4.66	0.0451	0.000739	4.23	0.004	0.0506	0.000247	0.000295	0.000121	0.152	0.00000213	0.000346	0.000647	0.00182	2.85E-30
2080 Jun	63.4	0.036	0.0106	0.000975	8.95	0.0359	16.9	0.000948	0.000948	0.00000496	0.00757	0.00132	0.0302	0.0168	0.00000507	16.9	0.0000223	0.000719	0.000195	0.001	0.0502	0.000011	1.74	3.29	0.0328	0.000492	3.44	0.00284	0.0465	0.000185	0.000264	0.0000899	0.111	0.00000202	0.000233	0.000571	0.00185	1.7E-30
2080 Jul	59.1	0.0292	0.00991	0.000987	8.21	0.0341	15.1	0.000964	0.000964	0.00000501	0.00755	0.00126	0.0279	0.0156	0.00000511	15.1	0.0000229	0.000656	0.000175	0.000948	0.0482	0.000011	1.63	2.98	0.0293	0.000437	3.24	0.00263	0.0462	0.000164	0.000264	0.0000836	0.101	0.00000202	0.000212	0.000551	0.00191	1.25E-30
2080 Aug	64.4	0.0297	0.0105	0.00104	8.58	0.0383	17.9	0.00101	0.00101	0.00000527	0.00784	0.00138	0.0323	0.0165	0.0000054	16.2	0.0000237	0.000757	0.000184	0.00104	0.0503	0.0000118	1.8	3.36	0.0311	0.000504	3.4	0.00302	0.0482	0.000168	0.000282	0.0000931	0.112	0.00000213	0.000248	0.000564	0.00198	1.24E-30
2080 Sep	67.7	0.0335	0.0105	0.00103	8.78	0.0414	20.3	0.000994	0.000994	0.00000524	0.00782	0.00143	0.0359	0.0165	0.00000538	16.7	0.0000234	0.00084	0.000183	0.00109	0.0491	0.0000119	1.92	3.62	0.0312	0.000578	3.43	0.00331	0.0477	0.000155	0.000282	0.0000989	0.119	0.00000212	0.000279	0.000541	0.00191	1.13E-30
2080 Oct	72.1	0.0372	0.0107	0.00101	8.87	0.0448	23.7	0.000975	0.000975	0.0000052	0.00786	0.00149	0.0407	0.0167	0.00000537	17.4	0.0000237	0.000956	0.000186	0.00116	0.0482	0.0000121	2.08	4	0.032	0.000665	3.44	0.00372	0.0474	0.000145	0.000292	0.000107	0.129	0.00000211	0.000322	0.000533	0.00186	1.05E-30
2080 Nov	74.2	0.0393	0.0107	0.001	8.9	0.0464	25.4	0.00096	0.00096	0.00000515	0.00786	0.00152	0.0432	0.0167	0.00000534	17.6	0.0000237	0.00101	0.000186	0.00119	0.0476	0.0000121	2.15	4.18	0.0323	0.00071	3.43	0.00392	0.047	0.000139	0.000296	0.000111	0.134	0.00000209	0.000344	0.000526	0.00183	9.93E-31
2080 Dec	74.9	0.0402	0.0108	0.001	8.95	0.047	25.9	0.00096	0.00096	0.00000515	0.00788	0.00153	0.0438	0.0167	0.00000534	17.8	0.0000238	0.00103	0.000187	0.0012	0.0475	0.0000122	2.18	4.23	0.0324	0.000723	3.44	0.00398	0.0471	0.000137	0.000297	0.000112	0.135	0.00000209	0.00035	0.000524	0.00182	9.8E-31
2081 Jan	75	0.0405	0.0108	0.001	8.99	0.047	25.8	0.00096	0.00096	0.00000516	0.00788	0.00153	0.0438	0.0168	0.00000535	17.8	0.0000238	0.00103	0.000188	0.0012	0.0477	0.0000122	2.18	4.24	0.0326	0.000724	3.45	0.00398	0.0471	0.000138	0.000296	0.000112	0.135	0.00000209	0.000349	0.000526	0.00182	9.77E-31
2081 Feb	75.2	0.0406	0.0109	0.001	9.04	0.047	25.8	0.00096	0.00096	0.00000516	0.00788	0.00154	0.0437	0.0169	0.00000535	17.9	0.0000238	0.00103	0.00019	0.0012	0.048	0.0000122	2.18	4.25	0.0329	0.000723	3.47	0.00398	0.0472	0.000139	0.000296	0.000112	0.136	0.00000209	0.000349	0.000529	0.00182	9.75E-31
2081 Mar	75.3	0.0408	0.0109	0.001	9.08	0.047	25.8	0.000961	0.000961	0.00000516	0.00788	0.00154	0.0437	0.017	0.00000535	17.9	0.0000238	0.00103	0.000191	0.0012	0.0481	0.0000122	2.18	4.25	0.0331	0.000723	3.48	0.00398	0.0472	0.00014	0.000296	0.000112	0.136	0.00000209	0.000349	0.000531	0.00182	9.75E-31
2081 Apr	75.9	0.0411	0.011	0.00101	9.17	0.0473	26	0.000968	0.000968	0.0000052	0.00794	0.00155	0.044	0.0171	0.00000539	18.1	0.0000239	0.00104	0.000193	0.00121	0.0486	0.0000123	2.2	4.29	0.0335	0.000729	3.52	0.00401	0.0476	0.000142	0.000299	0.000113	0.137	0.00000211	0.000352	0.000536	0.00184	9.81E-31
2081 May	80.3	0.0483	0.014	0.00102	12.2	0.0413	21.9	0.000985	0.000985	0.0000052	0.00771	0.00164	0.0361	0.0233	0.00000535	22.1	0.0000236	0.00091	0.000306	0.00124	0.0653	0.0000119	2.21	4.43	0.0524	0.00061	4.52	0.00353	0.0504	0.00034	0.000286	0.000118	0.149	0.00000217	0.00029	0.000727	0.00185	7.53E-31
2081 Jun	77.5	0.0494	0.0157	0.000961	13.9	0.0318	15.7	0.000942	0.000942	0.00000488	0.00702	0.00158	0.0252	0.0272	0.00000537	23.9	0.0000219	0.000705	0.000386	0.00115	0.0762	0.0000107	2.02	4.15	0.0659	0.000433	5.1	0.00276	0.0497	0.0005	0.000257	0.000114	0.147	0.00000197	0.000203	0.00086	0.00178	4.13E-31
2081 Jul	87.2	0.0541	0.0174	0.00108	15.4	0.0363	18.4	0.00105	0.00105	0.00000548	0.00789	0.00178	0.0296	0.03	0.00000559	26.6	0.0000247	0.000818	0.000426	0.0013	0.0843	0.000012	2.29	4.7	0.0729	0.000501	5.63	0.00319	0.0555	0.000548	0.000294	0.000129	0.166	0.00000221	0.000239	0.000956	0.002	4.51E-31
2081 Aug	100	0.0602	0.0197	0.0012	17.1	0.0426	22.9	0.00117	0.00117	0.00000614	0.00886	0.00204	0.0364	0.0336	0.00000628	30.1	0.0000281	0.000996	0.000478	0.00149	0.0938	0.0000137	2.67	5.51	0.0823	0.000609	6.28	0.00386	0.0618	0.000609	0.000342	0.00015	0.192	0.00000248	0.000296	0.00107	0.00225	5E-31
2081 Sep	105	0.0621	0.0196	0.0012	16.9	0.0472	27.3	0.00116	0.00116	0.00000614	0.00897	0.00212	0.0433	0.0331	0.00000632	30.5	0.0000287	0.00115	0.000469	0.00157	0.0912	0.0000141	2.87	5.95	0.0814	0.000721	6.18	0.00442	0.0612	0.000578	0.000359	0.000159	0.202	0.00000249	0.000354	0.00105	0.00222	4.73E-31
2081 Oct	111	0.0627	0.0197	0.00119	16.6	0.0512	31.7	0.00114	0.00114	0.00000613	0.00904	0.0022	0.0498	0.0328	0.00000635	30.9	0.0000294	0.00131	0.000466	0.00164	0.0894	0.0000144	3.07	6.4	0.0818	0.00082	6.09	0.00497	0.0605	0.000559	0.000381	0.00017	0.214	0.00000249	0.000411	0.00104	0.00221	4.56E-31
2081 Nov	108	0.064	0.0186	0.00114	15.9	0.052	32.4	0.0011	0.0011	0.00000592	0.00885	0.00214	0.0508	0.0311	0.00000615	29.7	0.0000285	0.00132	0.000437	0.00162	0.0841	0.0000141	3.02

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2084 Dec	101	0.0684	0.0167	0.000982	15.9	0.047	29	0.000957	0.000957	0.00000515	0.00766	0.00199	0.0442	0.0308	0.0000535	28.9	0.000024	0.00117	0.000442	0.00151	0.0817	0.0000122	2.78	5.91	0.0767	0.000783	5.68	0.00444	0.053	0.000531	0.000306	0.000154	0.198	0.00000209	0.000371	0.00091	0.00172	2.74E-33
2085 Jan	101	0.0685	0.0167	0.000982	15.9	0.0472	29.2	0.000957	0.000957	0.00000516	0.00767	0.00199	0.0445	0.0309	0.0000535	28.9	0.00000241	0.00118	0.000443	0.00151	0.0817	0.0000123	2.79	5.93	0.0768	0.000787	5.68	0.00447	0.053	0.000531	0.000307	0.000154	0.198	0.00000209	0.000373	0.000911	0.00172	2.73E-33
2085 Feb	101	0.0686	0.0167	0.000982	16	0.0472	29.2	0.000957	0.000957	0.00000516	0.00767	0.00199	0.0445	0.0309	0.0000535	29	0.00000241	0.00118	0.000444	0.00151	0.0818	0.0000123	2.79	5.94	0.077	0.000788	5.69	0.00447	0.053	0.000531	0.000307	0.000154	0.199	0.00000209	0.000373	0.000912	0.00172	2.73E-33
2085 Mar	101	0.0687	0.0168	0.000983	16	0.0472	29.2	0.000958	0.000958	0.00000516	0.00767	0.002	0.0445	0.031	0.0000536	29	0.00000241	0.00118	0.000444	0.00151	0.082	0.0000123	2.8	5.95	0.0771	0.000788	5.7	0.00447	0.0531	0.000532	0.000307	0.000154	0.199	0.00000201	0.000373	0.000914	0.00173	2.73E-33
2085 Apr	102	0.0692	0.0169	0.000989	16.1	0.0475	29.4	0.000964	0.000964	0.00000519	0.00772	0.00201	0.0448	0.0312	0.0000539	29.2	0.00000243	0.00119	0.000448	0.00152	0.0826	0.0000124	2.82	5.99	0.0777	0.000793	5.74	0.0045	0.0534	0.000536	0.000309	0.000155	0.2	0.00000211	0.000376	0.00092	0.00174	2.74E-33
2085 May	104	0.0695	0.0181	0.000998	17	0.0483	28.3	0.000975	0.000975	0.00000522	0.00767	0.00205	0.0426	0.0333	0.0000541	30.6	0.00000245	0.00116	0.000488	0.00153	0.0886	0.0000123	2.84	6.08	0.0848	0.00075	6.07	0.00439	0.0544	0.000608	0.000313	0.000159	0.205	0.00000212	0.000359	0.000999	0.00178	2.3E-33
2085 Jun	98.3	0.0662	0.0189	0.000974	17.6	0.0376	22.5	0.000957	0.000957	0.00000505	0.00723	0.00195	0.0334	0.0346	0.0000518	30.6	0.00000233	0.000964	0.000518	0.00143	0.0933	0.0000115	2.6	5.59	0.0895	0.000591	6.27	0.00367	0.0537	0.000684	0.00029	0.000149	0.195	0.00000204	0.000282	0.00106	0.00177	1.51E-33
2085 Jul	109	0.071	0.0205	0.00106	18.9	0.0428	26.6	0.00104	0.00104	0.00000552	0.00793	0.00216	0.0395	0.0375	0.0000569	33.5	0.0000259	0.00112	0.00056	0.00159	0.101	0.0000127	2.92	6.29	0.0974	0.000687	6.76	0.00426	0.0582	0.000734	0.000329	0.000167	0.217	0.00000223	0.000334	0.00115	0.00194	1.61E-33
2085 Aug	117	0.0709	0.0208	0.00108	19	0.0484	32.1	0.00105	0.00105	0.00000567	0.00816	0.0023	0.048	0.0378	0.0000588	34.6	0.00000271	0.00132	0.000566	0.0017	0.1	0.0000135	3.21	6.93	0.0996	0.000811	6.78	0.00499	0.0585	0.000725	0.000362	0.000182	0.234	0.0000023	0.000405	0.00116	0.00198	1.59E-33
2085 Sep	116	0.0714	0.0189	0.00103	17.6	0.0527	35.5	0.00101	0.00101	0.00000549	0.00808	0.00226	0.0536	0.0347	0.0000574	32.9	0.00000265	0.00143	0.000511	0.00171	0.0908	0.0000134	3.25	7	0.0902	0.000914	6.26	0.00536	0.0558	0.000621	0.00036	0.000182	0.231	0.00000224	0.000452	0.00104	0.00186	1.35E-33
2085 Oct	115	0.0719	0.0175	0.000995	16.5	0.0552	37.7	0.000965	0.000965	0.00000533	0.008	0.00223	0.0572	0.0325	0.0000559	31.5	0.00000261	0.00149	0.000472	0.0017	0.0839	0.0000133	3.27	7.02	0.0836	0.000981	5.87	0.00559	0.0538	0.000548	0.000357	0.00018	0.229	0.00000217	0.000482	0.000961	0.00177	1.19E-33
2085 Nov	112	0.0736	0.0164	0.000977	15.9	0.0557	37.3	0.000947	0.000947	0.00000523	0.00797	0.00216	0.0567	0.0309	0.0000555	30.3	0.00000255	0.00147	0.000441	0.00167	0.0794	0.0000131	3.18	6.81	0.0777	0.000991	5.63	0.00549	0.0529	0.000496	0.000342	0.000174	0.221	0.00000214	0.000478	0.000895	0.0017	1.07E-33
2085 Dec	112	0.0739	0.0163	0.000977	15.9	0.0559	37.3	0.000948	0.000948	0.00000524	0.00799	0.00216	0.0568	0.0308	0.0000555	30.2	0.00000255	0.00147	0.000439	0.00167	0.0791	0.0000131	3.18	6.8	0.0773	0.000994	5.62	0.00549	0.053	0.000492	0.000341	0.000174	0.221	0.00000214	0.000479	0.00089	0.0017	1.06E-33
2086 Jan	112	0.0741	0.0163	0.000978	15.9	0.0559	37.3	0.000948	0.000948	0.00000524	0.00799	0.00216	0.0567	0.0308	0.0000555	30.2	0.00000255	0.00146	0.000439	0.00167	0.0792	0.0000131	3.18	6.8	0.0773	0.000993	5.63	0.00548	0.053	0.000492	0.000341	0.000174	0.221	0.00000214	0.000478	0.00089	0.0017	1.06E-33
2086 Feb	112	0.0742	0.0164	0.000978	15.9	0.0558	37.2	0.000948	0.000948	0.00000524	0.00799	0.00216	0.0567	0.0309	0.0000555	30.3	0.00000254	0.00146	0.00044	0.00167	0.0793	0.0000131	3.18	6.8	0.0775	0.000992	5.64	0.00548	0.053	0.000492	0.000341	0.000174	0.221	0.00000214	0.000478	0.000892	0.0017	1.06E-33
2086 Mar	112	0.0743	0.0164	0.000978	16	0.0559	37.2	0.000949	0.000949	0.00000524	0.00799	0.00217	0.0567	0.0309	0.0000555	30.3	0.00000255	0.00146	0.000441	0.00167	0.0795	0.0000131	3.18	6.81	0.0777	0.000992	5.65	0.00548	0.0531	0.000493	0.000341	0.000174	0.221	0.00000214	0.000478	0.000894	0.0017	1.06E-33
2086 Apr	113	0.075	0.0166	0.000987	16.1	0.0563	37.6	0.000957	0.000957	0.00000529	0.00806	0.00219	0.0571	0.0312	0.0000555	30.6	0.00000257	0.00148	0.000446	0.00169	0.0803	0.0000132	3.21	6.87	0.0785	0.001	5.7	0.00553	0.0536	0.000498	0.000344	0.000175	0.223	0.00000216	0.000482	0.000903	0.00172	1.07E-33
2086 May	116	0.0766	0.0174	0.00101	16.8	0.0565	37.8	0.000984	0.000984	0.00000542	0.00822	0.00224	0.0573	0.0327	0.0000568	31.8	0.00000263	0.00149	0.000471	0.00173	0.0844	0.0000135	3.28	7.03	0.0828	0.001	5.95	0.00559	0.0552	0.000536	0.000352	0.00018	0.229	0.00000221	0.000483	0.000953	0.00177	1.03E-33
2086 Jun	76.4	0.0461	0.014	0.000926	12.9	0.0324	17.2	0.000914	0.000914	0.00000477	0.00699	0.001555	0.0278	0.0254	0.0000488	22.8	0.0000222	0.000756	0.000359	0.00113	0.0713	0.0000106	2.03	4.16	0.0617	0.000462	4.73	0.00293	0.0479	0.000455	0.000267	0.000113	0.145	0.00000193	0.000224	0.000823	0.00177	3.39E-34
2086 Jul	78.3	0.0425	0.0138	0.000998	12.5	0.0352	18.8	0.000985	0.000985	0.00000515	0.00756	0.0016	0.031	0.0247	0.0000527	22.6	0.00000242	0.000817	0.00034	0.00118	0.0705	0.0000115	2.11	4.25	0.0589	0.000495	4.64	0.00318	0.0503	0.000421	0.000294	0.000117	0.147	0.00000208	0.000247	0.000824	0.00195	2.99E-34
2086 Aug	86	0.043	0.0141	0.00104	12.7	0.0418	23.6	0.00103	0.00103	0.00000544	0.00787	0.00176	0.0386	0.0254	0.0000656	23.8	0.000025	0.00099	0.000345	0.0013	0.0712	0.0000125	2.38	4.83	0.0603	0.000616	4.76	0.00383	0.0519	0.000409	0.000319	0.000131	0.162	0.0000022	0.00031	0.00082	0.002	2.86E-34
2086 Sep	88.7	0.0443	0.0132	0.00102	12.3	0.0467	27.3	0.000999	0.000999	0.00000536	0.00772	0.00179	0.0444	0.0242	0.0000555	23.6	0.000024	0.00111	0.000321	0.00135	0.0659	0.0000126	2.52	5.1	0.0566	0.000725	4.57	0.00426	0.05	0.000353	0.000319	0.000137	0.168	0.00000217	0.000358	0.000745	0.00189	2.45E-34
2086 Oct	93.6	0.0461	0.0132	0.00101	12.2	0.0504	31.2	0.000988	0.000988	0.00000536	0.00783	0.00187	0.0503	0.0241	0.0000559	24.2	0.0000247	0.00125	0.000321	0.00142	0.0647	0.000013	2.7	5.52	0.0572	0.000818	4.52	0.00475	0.0497	0.000339	0.000337	0.000147	0.179	0.00000218	0.000408	0.000742	0.00188	2.35E-34
2086 Nov	94.7	0.0468	0.0132	0.00101	12.3	0.0512	31.9	0.000992	0.000992	0.00000539	0.00789	0.00189	0.0513	0.0242	0.0000562	24.4	0.00025	0.00127	0.000322	0.00144	0.0649	0.0000131	2.74	5.6	0.0575	0.000835	4.54	0.00484	0.0499	0.000338	0.000341	0.000148	0.181	0.00000219	0.000417	0.000744	0.00189	2.34E-34
2086 Dec	95.2	0.0469	0.0132	0.00101	12.3	0.0516	32.2	0.000992	0.000992	0.00000541	0.00791	0.0019	0.0518	0.0242	0.0000563	24.4	0.0000251	0.00129	0.000323	0.00144	0.0649	0.0000131	2.75	5.64	0.0577	0.000843	4.54	0.00488	0.05	0.000338	0.000343	0.000149	0.182	0.0000022	0.000422	0.000745	0.00189	2.33E-34
2087 Jan	95.3	0.047	0.0132	0.00101	12.3	0.0516	32.2	0.000992	0.000992	0.00000541	0.00791	0.0019	0.0518	0.0243	0.0000563	24.5	0.0000251	0.00129	0.000323	0.00144	0.0649	0.0000131	2.76	5.65	0.0577	0.000844	4.55	0.00488	0.05	0.000338	0.000343	0.000149	0.182	0.0000022	0.000422	0.000746	0.00189	2.33E-34
2087 Feb	95.4	0.0471	0.0132	0.00102	12.3	0.0516	32.2	0.000992	0.000992	0.00000541	0.00791	0.0019	0.0518	0.0243	0.0000563	24.5	0.0000251	0.00129	0.000324	0.00145	0.065	0.0000131	2.76	5.65	0.0579	0.000844	4.55	0.00489	0.05	0.000338	0.000343	0.00015	0.183	0.0000022	0.000422	0.000747	0.00189	2.33E-34
2087 Mar	95.6	0.0472	0.0133	0.00102	12.4	0.0517	32.3	0.000994	0.000994	0.00000541	0.00793	0.00191	0.0519	0.0244	0.0000564	24.6	0.0000251	0.00129	0.000325	0.00145	0.0652	0.0000131	2.76	5.67	0.0581	0.000846	4.57	0.00489	0.0501	0.000339	0.000344	0.00015	0.183	0.0000022	0.000423	0.000749	0.00189	2.33E-34
2087 Apr	96.1	0.0475	0.0134	0.00102	12.4	0.0519	32.4	0.000999	0.000999	0.00000544	0.00796	0.00191	0.0521	0.0245	0.0000567	24.7	0.0000252	0.00129	0.000327	0.00146	0.0656	0.0000132	2.78	5.69	0.0584	0.000849	4.59	0.00492	0.0504	0.000341	0.000345	0.00015	0.184	0.0000221	0.000424	0.000753	0.0019	2.34E-34
2087 May	96	0.0508	0.0148	0.00103	13.8	0.0478	29.2	0.00101	0.00101	0.00000541	0.00784	0.00192	0.0465	0.0271	0.0000562	26.1	0.0000249	0.00119	0.000375	0.00144	0.0731	0.0000128	2.71	5.6	0.0662	0.000765	5.04	0.00452	0.0517	0.00043	0.000332	0.000149	0.185	0.0000022	0.000379	0.000836	0.00191	2.03E-34
2087 Jun	88.3	0.0573	0.0182	0.000963	16.9	0.0309	16.5	0.000954	0.000954	0.00000494	0.00687	0.00178	0.0246	0.0334	0.0000503	28.8	0.00000219	0.000751	0.0005	0.00127	0.0917	0.0000108	2.27	4.83	0.0859	0.000432	6.08	0.0029	0.0522	0.000683	0.000265	0.000132	0.173	0.00000199	0.000204	0.00104	0.00178	8.11E-35
2087 Jul	97.4	0.0598	0.0193	0.00102	17.8	0.0357	20.5	0.00101	0.00101	0.00000529	0.00738	0.00196	0.0308	0.0353	0.0000541	30.9	0.0000239	0.000906	0.000528	0.00141	0.0965	0.0000118	2.55	5.45	0.0915	0.000524	6.39	0.00348	0.0552	0.000713	0.0003	0.000148	0.192	0.00000214	0.000256	0.0011	0.00191	8.44E-35
2087 Aug	108	0.0641	0.0208	0.00111	19.1	0.0411	24.8	0.00109	0.00109	0.00000576	0.00804	0.00217	0.0372	0.0382	0.0000591	33.7	0.0000263	0.00107	0.000571	0.00157	0.104	0.000013	2.88	6.16	0.0994	0.000623	6.87	0.00409	0.0595	0.000763	0.000339	0.000167	0.215	0.00000233	0.00031	0.00119	0.00207	9E-35
2087 Sep	118	0.0662	0.0214	0.00114	19.5	0.0468	30.5	0.00112	0.00112	0.00000598	0.00842	0.00234	0.0458	0.0393	0.0000617	35.4	0.0000282	0.00128	0.000589	0.00171	0.106	0.0000139	3.21	6.89	0.104	0.000752	7.02	0.00485	0.061	0.000772	0.000377	0.000184	0.235	0.00000242	0.000383	0.00123	0.00215	9.1E-35
2087 Oct	122	0.0661	0.0209	0.00111	18.9	0.0505	34.6	0.00109	0.00109	0.00000591	0.00843	0.00239	0.052	0.0383	0.0000614	35.3	0.0000287	0.00142	0.000574	0.00176	0.102	0.0000141	3.36	7.24	0.102	0.000848	6.8	0.00535	0.0596	0.000735	0.000395	0.000192	0.243	0.0000024	0.000437	0.0012	0.00212	8.65E-35
2087 Nov	121	0.0669	0.0204	0.0011	18.6	0.0512	34.9	0.00108	0.00108	0.00000586	0.00842	0.00237	0.0527	0.0376	0.0000661	34.9	0.0000285	0.00143	0.000561	0.00175	0.0998	0.0000141	3.35	7.21	0.0995	0.000865	6.69	0.00538	0.0591	0.000711	0.000391	0.00019	0.241	0.0000238	0.000442	0.00117	0.00208	8.36E-35
2087 Dec	121	0.0671	0.0203	0.0011	18.6	0.0518	35.5	0.00108	0.00108	0.00000586	0.00844	0.00238	0.0536	0.0375	0.0000661	34.9	0.0000286	0.00145	0.00056	0.00176	0.0995	0.0000141	3.38	7.27	0.0994	0.000878	6.68	0.00546	0.0591	0.000707	0.000393	0.000192	0.242	0.0000238	0.00045	0.00117	0.00208	8.31E-35
2088 Jan	122	0.0672	0.0203	0.0011	18.6	0.0519	35.6	0.00108	0.00108	0.00000587	0.00845	0.00238	0.0537	0.0376	0.0000611	34.9	0.0000286	0.00145	0.00056	0.00177	0.0995	0.0000142	3.38	7.28	0.0995	0.000881	6.68	0.00547	0.0591	0.000707	0.000394	0.000192	0.243	0.0000238	0.000451	0.00117	0.00208	8.3E-35
2088 Feb	122	0.0673	0.0204	0.0011	18.6	0.0518	35.6	0.00108	0.00108	0.00000587	0.00845	0.00238	0.0537	0.0376	0.0000611	35	0.0000286	0.00145	0.000561	0.00177	0.0997	0.0000141	3.38	7.29	0.0996	0.00088	6.69	0.00547	0.0591	0.000707	0.000394	0.000192	0.243	0.0000239	0.000451	0.00117	0.00208	8.29E-35
2088 Mar	122	0.0675	0.0204	0.00111	18.7	0.0519	35.6	0.00108	0.00108	0.00000588	0.00846	0.00239	0.0538	0.0377	0.0000612	35.1	0.0000286	0.00146	0.000563	0.00177	0.0999	0.0000142	3.39	7.3	0.0999	0.000882	6.7	0.00548	0.0592	0.000709	0.000395	0.000192	0.243	0.0000239	0.000451	0.00117	0.00209	8.3E-35
2088 Apr	124	0.0687	0.0208	0.00113	19	0.0528	36.3	0.0011	0.0011	0.00000598	0.00861	0.00243	0.0547	0.0384	0.0000623	35.7	0.0000292	0.00148	0.000573	0.0018	0.102	0.0000144	3.45	7.43	0.102	0.000897	6.83	0.00557	0.0603	0.000722	0.000402	0.000196	0.248	0.0000243	0.000459	0.0012	0.00212	8.45E-35
2088 May	129	0.0715	0.0216	0.00117	19.8	0.0551	37.9	0.00115	0.00115	0.00000623	0.00896	0.00253	0.0571	0.04	0.0000648	37.2	0.0000304	0.00155	0.000597	0.00188	0.106	0.000015	3.6	7.75	0.106	0.000936	7.1	0.00581	0.0627	0.000751	0.000419	0.000204	0.258	0.0000253	0.00048	0.00124	0.00221	8.78E-35
2088 Jun	84.8	0.0422	0.0145	0.00105	13	0.0383	21.5	0.00104	0.00104	0.00000548	0.008	0.00173	0.0354	0.0261	0.0000562	24	0.000026	0.000926	0.000361	0.00127	0.0741	0.0000124	2.31	4.68	0.063	0.000551	4.85	0.00359	0.0528	0.000443	0.000325	0.000128	0.16	0.0000221	0.000283	0.000879	0.00209	4.63E-35
2088 Jul	85.1	0.0394	0.0143	0.00113	12.7	0.0397	21.6	0.00111	0.00111	0.00000584	0.00857	0.00175	0.0365	0.0255	0.0000598	23.7	0.0000278	0.000936	0.000344	0.00128	0.0738	0.0000131	2.33	4.63	0.0601	0.000554	4.79	0.00365	0.0554	0.000414	0.000345	0.000128	0.158	0.00000236	0.000288	0.000883	0.00226	4.12E-35
2088 Aug	99.9	0.0443	0.0163	0.00127	14.3	0.0473	27.1	0.00125	0.00125	0.00000662	0.00974	0.00204	0.0453	0.0289	0.0000681	27.3	0.000032	0.00116	0.000391	0.0015	0.0831	0.0000151	2.77	5.54	0.0691	0.000684	5.4	0.00448	0.0624	0.000465	0.000406	0.000152	0.186	0.00000268	0.00036	0.001	0.00256	4.62E-35
2088 Sep	109	0.0457	0.0168	0.0013	14.6	0.0528	32.7	0.00128	0.00128	0.00000684	0.0101	0.00221	0.0538	0.0299	0.0000707	28.9	0.0000339	0.00136	0.000409	0.00163	0.085	0.000016	3.09	6.25	0.0732	0.000809	5.52	0.00523	0.0637	0.000473	0.000446	0.00017	0.206	0.00000277	0.000432	0.00105	0.00265	4.69E-35
2088 Oct	101	0.0523	0.0144	0.00118	13.5	0.0525	31.6	0.00116	0.00116	0.00000622	0.00942	0.00203	0.0517	0.0267	0.0000645	26.3	0.0000304	0.00129	0.000353	0.00154	0.0744	0.0000147	2.87	5.8	0.0623	0.000829	5.01	0.00494	0.0588	0.000379	0.000388	0.000154	0.19	0.00000252	0.000418	0.000881	0.0023	3.73E-35
2088 Nov	97.7	0.0566	0.0135	0.00115	13.3	0.0523	30.2	0.00114	0.00114	0.00000609	0.0093	0.00196	0.0496	0.0258	0.0000663	25.5	0.0000291	0.00123	0.000334	0.0015	0.0716	0.0000143	2.76	5.56	0.0581	0.000824	4.91	0.00471	0.0582	0.000347	0.000362	0.000147	0.182	0.00000247	0.000401	0.000824	0.00219	3.4E-35
2088 Dec	98.1	0.0569	0.0135	0.00115	13.3	0.0527	30.6	0.00114	0.00114	0.00000609	0.00931	0.00197	0.0501	0.0258	0.0000663	25.5	0.0000292	0.00124	0.000334	0.00151	0.0715	0.0000143	2.77	5.59	0.0582	0.000833	4.91	0.00475	0.0582	0.000346	0.000363	0.000148	0.183	0.00000247	0.000406	0.000823	0.00219	3.38E-35
2089 Jan	98.1	0.0571	0.0135	0.00115	13.3	0.0527	30.5	0.00114	0.00114	0.00000609	0.00931	0.00197	0.0501	0.0258	0.0000663	25.5	0.0000292	0.00124	0.000334	0.00151	0.0716	0.0000143	2.77	5.59	0.0582	0.000833	4.92	0.00475	0.0582	0.000346	0.000363	0.000148	0.183	0.00000247	0.000405	0.000823	0.00219	3.38E-35
2089 Feb	98.2	0.0572	0.0136	0.00115	13.4	0.0527	30.5	0.00114	0.00114	0.00000609	0.00931	0.00197	0.05	0.0259	0.0000663	25.6	0.0000292	0.00124	0.000335	0.00151	0.0717	0.0000143	2.77	5.6	0.0584	0.000833	4.93	0.00475	0.0583	0.000347	0.000363	0.000148	0.183	0.00000247	0.000405	0.000825	0.00219	3.37E-35
2089 Mar	98.5	0.0574	0.0136	0.00116	13.4	0.0528	30.6	0.00114	0.00114	0.0000061	0.00933	0.00198	0.0501	0.026	0.0000632	25.7	0.0000292	0.00124	0.000337	0.00151	0.072	0.0000143	2.78	5.61	0.0586	0.000834	4.95	0.00476	0.0584	0.000348	0.000364	0.000148	0.184	0.00000248	0.000406	0.000828	0.00219	3.38E-35
2089 Apr	99.6	0.058	0.0138	0.00117	13.6	0.0534	30.9	0.00115	0.00115	0.00000617	0.00943	0.002	0.0507	0.0263	0.0000639	26	0.0000296	0.00126	0.000341	0.00153	0.0728	0.0000145	2.81	5.67	0.0594	0.000843	5	0.00481	0.0591	0.000352	0.000368	0.00015	0.186	0.0000025	0.00041	0.000837	0.00222	3.42E-35
2089 May	99.3	0.0607	0.0156	0.00115	15.1	0.0481	27.2	0.00114	0.00114	0.00000603	0.00905	0.002	0.0439	0.0294	0.0000621	27.7	0.0000284	0.00113	0.000401	0.0015	0.0814	0.0000139	2.73	5.57	0.0693	0.00074	5.52	0.

Appendix D.2-4: CP5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1110	0.424	1.93	0.0402	366	0.0846	154	0.0000345	0.0000345	0.00000187	0.00382	0.0107	0.141	0.0125	0.0000032	18.5	0.0000313	0.00165	0.000209	0.00163	0.00609	0.0000133	6.85	9.68	0.0739	0.00257	130	0.0152	0.00361	0.0000201	0.000628	0.000352	0.44	0.00000411	0.00199	0.000419	0.00088	0.0000474
Operation (2026-2036): Mean	2270	2.62	12	0.298	936	0.365	349	0.000655	0.000616	0.0000116	0.0101	0.049	0.421	0.047	0.0000133	69.7	0.0000995	0.00611	0.000529	0.00433	0.024	0.0000269	24.6	27.6	0.535	0.00537	500	0.0331	0.0884	0.0000931	0.0014	0.0007	3.17	0.000153	0.00468	0.000954	0.00399	0.00251
Operation (2026-2036): Max	7010	6.25	23.1	0.592	3790	0.623	602	0.00555	0.0012	0.000045	0.0149	0.516	0.615	0.0753	0.0000221	183	0.00015	0.0101	0.00131	0.00668	0.0367	0.000049	56.7	40.9	1.05	0.011	1620	0.0588	0.188	0.000209	0.00373	0.00126	6.13	0.00034	0.00787	0.00229	0.00678	0.0275
2092 Jun	72.2	0.0462	0.0139	0.000866	13.3	0.028	13.8	0.000862	0.000862	0.00000446	0.00636	0.00147	0.0219	0.0261	0.00000453	22.8	0.00002	0.000632	0.000376	0.00106	0.0728	0.00000968	1.87	3.86	0.0643	0.000379	4.82	0.00246	0.0458	0.000499	0.000235	0.000106	0.138	0.00000179	0.000177	0.000827	0.00163	3.54E-38
2092 Jul	74.8	0.0426	0.0134	0.000891	12.7	0.0314	16.8	0.000886	0.000886	0.00000463	0.00663	0.00152	0.027	0.0251	0.00000473	22.5	0.00000212	0.000739	0.000357	0.00111	0.0703	0.0000103	1.99	4.09	0.0617	0.000443	4.63	0.00287	0.0461	0.00046	0.00026	0.000112	0.143	0.00000187	0.000218	0.000809	0.00171	3.18E-38
2092 Aug	87.1	0.0457	0.0144	0.000965	13.6	0.0383	22.8	0.000958	0.000958	0.00000507	0.0073	0.00175	0.0362	0.0273	0.00000523	25.1	0.0000238	0.000966	0.000389	0.00129	0.0753	0.0000117	2.38	4.94	0.0683	0.000582	4.98	0.0037	0.0497	0.000488	0.000307	0.000134	0.168	0.00000205	0.000295	0.00088	0.00187	3.36E-38
2092 Sep	99.5	0.0459	0.0143	0.000958	13.4	0.047	32.2	0.000947	0.000947	0.00000517	0.00754	0.00196	0.0504	0.0275	0.0000054	26.7	0.0000256	0.0013	0.000395	0.00146	0.0735	0.0000126	2.85	5.99	0.0713	0.000792	4.9	0.00491	0.0491	0.000466	0.00036	0.000159	0.195	0.00000211	0.000416	0.000889	0.0019	3.2E-38
2092 Oct	106	0.0468	0.0139	0.000938	13	0.0523	38.2	0.000925	0.000925	0.00000515	0.00764	0.00207	0.0594	0.0271	0.00000544	27.3	0.0000266	0.00151	0.000391	0.00157	0.0712	0.0000131	3.12	6.61	0.0719	0.000928	4.76	0.00567	0.0481	0.000442	0.000389	0.000173	0.211	0.00000211	0.000493	0.00088	0.00188	3.02E-38
2092 Nov	108	0.0483	0.0137	0.000935	13	0.0542	39.8	0.000922	0.000922	0.00000517	0.00772	0.0021	0.0619	0.027	0.00000546	27.5	0.0000269	0.00157	0.000388	0.0016	0.0703	0.0000133	3.19	6.77	0.0714	0.000972	4.73	0.00587	0.0481	0.000429	0.000395	0.000176	0.215	0.00000211	0.000514	0.00087	0.00187	2.92E-38
2092 Dec	109	0.0486	0.0136	0.000937	13	0.0544	39.9	0.000923	0.000923	0.00000517	0.00773	0.0021	0.062	0.027	0.00000547	27.5	0.0000269	0.00157	0.000387	0.0016	0.0702	0.0000133	3.19	6.78	0.0713	0.000976	4.73	0.00588	0.0482	0.000427	0.000395	0.000176	0.215	0.00000212	0.000516	0.000869	0.00187	2.91E-38
2093 Jan	109	0.0487	0.0137	0.000937	13	0.0545	40	0.000923	0.000923	0.00000517	0.00774	0.0021	0.0622	0.027	0.00000547	27.5	0.0000269	0.00158	0.000388	0.0016	0.0703	0.0000133	3.2	6.79	0.0714	0.000978	4.74	0.00589	0.0482	0.000427	0.000395	0.000177	0.215	0.00000212	0.000517	0.000869	0.00187	2.9E-38
2093 Feb	109	0.0488	0.0137	0.000937	13	0.0545	40.1	0.000923	0.000923	0.00000518	0.00774	0.00211	0.0622	0.027	0.00000547	27.6	0.00002	0.00158	0.000389	0.0016	0.0704	0.0000133	3.2	6.8	0.0716	0.000979	4.75	0.0059	0.0483	0.000428	0.000395	0.000177	0.215	0.00000212	0.000517	0.000871	0.00187	2.9E-38
2093 Mar	110	0.0491	0.0138	0.000942	13.1	0.0549	40.4	0.000928	0.000928	0.0000052	0.00778	0.00212	0.0626	0.0272	0.0000055	27.8	0.0000271	0.00159	0.000392	0.00162	0.0709	0.0000134	3.23	6.85	0.0721	0.000986	4.78	0.00594	0.0485	0.00043	0.000398	0.000178	0.217	0.00000213	0.000521	0.000877	0.00188	2.92E-38
2093 Apr	111	0.0497	0.0139	0.000953	13.3	0.0555	40.8	0.000939	0.000939	0.00000526	0.00787	0.00215	0.0633	0.0276	0.0000557	28.1	0.0000274	0.00161	0.000397	0.00163	0.0717	0.0000135	3.26	6.93	0.073	0.000997	4.83	0.00601	0.0491	0.000436	0.000403	0.00018	0.22	0.00000215	0.000527	0.000888	0.0019	2.95E-38
2093 May	114	0.0525	0.0151	0.000977	14.3	0.055	40.4	0.000964	0.000964	0.00000538	0.00799	0.00221	0.0624	0.0296	0.0000567	29.6	0.0000279	0.0016	0.000432	0.00167	0.0773	0.0000137	3.32	7.08	0.079	0.000984	5.18	0.00599	0.0509	0.000492	0.000407	0.000184	0.226	0.00000222	0.00052	0.000952	0.00195	2.74E-38
2093 Jun	89.4	0.051	0.0164	0.000921	15.3	0.0338	20.9	0.000915	0.000915	0.00000482	0.00687	0.00178	0.0318	0.0308	0.00000495	27.4	0.00023	0.000905	0.00046	0.00129	0.0842	0.0000109	2.38	5.08	0.0804	0.000518	5.51	0.00345	0.0495	0.000611	0.000294	0.000137	0.176	0.00000195	0.000264	0.000989	0.00179	1.08E-38
2093 Jul	97.9	0.0537	0.0174	0.000994	16.2	0.0381	24.2	0.000987	0.000987	0.00000523	0.00746	0.00195	0.037	0.0328	0.00000538	29.4	0.0000251	0.00104	0.000489	0.00141	0.0895	0.000012	2.64	5.62	0.0859	0.000595	5.85	0.00394	0.0531	0.000642	0.000328	0.000152	0.193	0.00000212	0.000307	0.00106	0.00194	1.13E-38
2093 Aug	109	0.0564	0.0184	0.00106	17	0.0444	29.8	0.00105	0.00105	0.00000562	0.00804	0.00216	0.0454	0.0349	0.00000582	31.9	0.0000275	0.00125	0.00052	0.00158	0.0944	0.0000132	3.01	6.42	0.0923	0.000721	6.18	0.00471	0.0562	0.000672	0.000372	0.000172	0.217	0.00000228	0.000378	0.00113	0.00208	1.18E-38
2093 Sep	116	0.0582	0.0181	0.00106	16.9	0.05	35.4	0.00104	0.00104	0.00000569	0.00825	0.00228	0.0539	0.0347	0.00000593	32.7	0.0000286	0.00144	0.000517	0.00169	0.0926	0.0000138	3.27	7.01	0.0927	0.000854	6.1	0.00542	0.0561	0.000647	0.0004	0.000185	0.231	0.00000231	0.000451	0.00112	0.00209	1.13E-38
2093 Oct	103	0.0651	0.0142	0.000968	14.8	0.0507	32.8	0.000958	0.000958	0.00000522	0.00791	0.00202	0.0506	0.0291	0.00000545	28.2	0.0000254	0.00131	0.000411	0.00154	0.0766	0.0000127	2.91	6.16	0.0723	0.000868	5.29	0.00493	0.0523	0.000471	0.000332	0.000159	0.202	0.00000213	0.000422	0.000874	0.00178	8.14E-39
2093 Nov	98.5	0.0695	0.0128	0.00095	14.2	0.0513	31.5	0.000941	0.000941	0.00000512	0.0079	0.00193	0.0489	0.0272	0.00000534	26.6	0.0000242	0.00125	0.000372	0.0015	0.0712	0.0000124	2.77	5.82	0.0644	0.000875	5.04	0.0047	0.0517	0.000403	0.000304	0.000149	0.19	0.00000208	0.000408	0.000782	0.00167	6.92E-39
2093 Dec	98.5	0.0701	0.0127	0.000951	14.2	0.0515	31.5	0.000942	0.000942	0.00000513	0.00792	0.00193	0.049	0.0271	0.00000535	26.6	0.0000242	0.00124	0.00037	0.0015	0.071	0.0000124	2.77	5.81	0.064	0.000878	5.04	0.0047	0.0518	0.000399	0.000303	0.000149	0.19	0.00000209	0.000408	0.000777	0.00167	6.85E-39
2094 Jan	98.7	0.0702	0.0128	0.000951	14.3	0.0517	31.6	0.000942	0.000942	0.00000513	0.00793	0.00193	0.0491	0.0271	0.00000535	26.6	0.0000242	0.00125	0.000371	0.0015	0.0711	0.0000125	2.78	5.83	0.0641	0.000882	5.04	0.00472	0.0519	0.000399	0.000304	0.000149	0.191	0.00000209	0.00041	0.000778	0.00167	6.83E-39
2094 Feb	98.9	0.0703	0.0128	0.000952	14.3	0.0517	31.6	0.000942	0.000942	0.00000513	0.00793	0.00194	0.0492	0.0272	0.00000535	26.7	0.0000243	0.00125	0.000372	0.0015	0.0713	0.0000125	2.78	5.84	0.0644	0.000882	5.06	0.00473	0.0519	0.0004	0.000304	0.000149	0.191	0.00000209	0.000411	0.000781	0.00167	6.82E-39
2094 Mar	99.2	0.0706	0.0129	0.000954	14.4	0.0518	31.7	0.000945	0.000945	0.00000514	0.00795	0.00194	0.0493	0.0273	0.00000537	26.8	0.0000243	0.00125	0.000374	0.00151	0.0716	0.0000125	2.79	5.86	0.0647	0.000884	5.08	0.00474	0.0521	0.000402	0.000305	0.00015	0.192	0.00000209	0.000411	0.000784	0.00167	6.83E-39
2094 Apr	100	0.0711	0.013	0.000962	14.5	0.0522	32	0.000952	0.000952	0.00000518	0.00801	0.00196	0.0496	0.0276	0.00000541	27	0.0000245	0.00126	0.000378	0.00152	0.0722	0.0000126	2.81	5.91	0.0653	0.00089	5.12	0.00477	0.0525	0.000405	0.000307	0.000151	0.193	0.00000211	0.000414	0.000791	0.00169	6.88E-39
2094 May	101	0.0704	0.0146	0.000964	15.6	0.0483	29.8	0.000956	0.000956	0.00000516	0.00782	0.00198	0.0457	0.0301	0.00000536	28.5	0.0000244	0.0012	0.000427	0.00151	0.0794	0.0000123	2.8	5.92	0.074	0.000815	5.51	0.00453	0.0531	0.000498	0.000307	0.000153	0.197	0.00000221	0.000383	0.000885	0.00172	5.67E-39
2094 Jun	99.7	0.0679	0.0181	0.000968	17.8	0.0379	22.9	0.000962	0.000962	0.00000507	0.00732	0.00197	0.0338	0.0352	0.00000521	31.1	0.0000237	0.000979	0.000527	0.00144	0.0945	0.0000115	2.63	5.68	0.091	0.000601	6.32	0.00372	0.0542	0.000696	0.000293	0.000151	0.198	0.00000205	0.000286	0.00108	0.00178	2.91E-39
2094 Jul	117	0.0762	0.0205	0.0011	20	0.0455	28.9	0.00109	0.00109	0.00000578	0.00838	0.0023	0.0428	0.0398	0.00000597	35.7	0.0000275	0.00122	0.000597	0.00169	0.106	0.0000134	3.13	6.75	0.104	0.000743	7.11	0.0046	0.0612	0.000781	0.000351	0.000179	0.232	0.00000234	0.000362	0.00122	0.00203	3.26E-39
2094 Aug	141	0.0859	0.0232	0.00124	22.6	0.0571	39	0.00123	0.00123	0.00000664	0.00968	0.00275	0.058	0.0454	0.0000069	41.6	0.0000327	0.00161	0.000685	0.00204	0.12	0.0000159	3.86	8.38	0.121	0.000977	8.02	0.00603	0.0692	0.00088	0.000437	0.00022	282	0.0000027	0.000491	0.00141	0.00234	3.66E-39
2094 Sep	147	0.086	0.0222	0.00121	21.8	0.0629	45.2	0.0012	0.0012	0.0000066	0.00978	0.00283	0.0674	0.0441	0.00000691	41.6	0.0000336	0.00182	0.000665	0.00212	0.115	0.0000163	4.11	8.93	0.118	0.00112	7.74	0.00679	0.0677	0.000826	0.000464	0.000232	0.294	0.00000269	0.000571	0.00137	0.00231	3.43E-39
2094 Oct	136	0.0849	0.0187	0.00112	19.3	0.0635	44.6	0.0011	0.0011	0.00000611	0.0093	0.00261	0.0672	0.0384	0.00000643	37.2	0.00003	0.00177	0.000565	0.002	0.0992	0.0000154	3.85	8.32	0.1	0.00115	6.81	0.00659	0.0624	0.000664	0.000424	0.000213	271	0.0000025	0.000569	0.00116	0.00206	2.74E-39
2094 Nov	122	0.0848	0.0154	0.00103	17.1	0.062	41.5	0.00102	0.00102	0.00000567	0.00884	0.00235	0.0631	0.0331	0.00000596	32.8	0.0000281	0.00162	0.000469	0.00183	0.0847	0.0000143	3.48	7.46	0.0824	0.00112	5.99	0.00606	0.0579	0.000515	0.00037	0.000189	241	0.00000231	0.000533	0.000952	0.00182	2.11E-39
2094 Dec	120	0.0853	0.015	0.00103	16.9	0.0617	40.6	0.00102	0.00102	0.00000563	0.00881	0.00231	0.0619	0.0324	0.00000591	32.1	0.0000277	0.00159	0.000456	0.00181	0.083	0.0000141	3.41	7.29	0.0798	0.00111	5.9	0.00593	0.0577	0.000495	0.00036	0.000184	236	0.00000223	0.000523	0.000924	0.00179	2.02E-39
2095 Jan	120	0.0855	0.015	0.00103	16.9	0.0618	40.7	0.00102	0.00102	0.00000563	0.00882	0.00232	0.0621	0.0325	0.00000592	32.2	0.0000277	0.00159	0.000457	0.00181	0.0831	0.0000141	3.42	7.31	0.08	0.00111	5.91	0.00595	0.0577	0.000494	0.00036	0.000185	236	0.00000223	0.000524	0.000925	0.00179	2.01E-39
2095 Feb	120	0.0856	0.015	0.00103	16.9	0.0618	40.7	0.00102	0.00102	0.00000563	0.00881	0.00232	0.0621	0.0326	0.00000592	32.3	0.0000277	0.00159	0.000459	0.00181	0.0833	0.0000141	3.42	7.32	0.0803	0.00111	5.92	0.00595	0.0577	0.000495	0.00036	0.000185	237	0.00000223	0.000524	0.000928	0.00179	2.01E-39
2095 Mar	121	0.0858	0.0151	0.00103	17	0.0619	40.8	0.00102	0.00102	0.00000564	0.00882	0.00232	0.0621	0.0327	0.00000593	32.4	0.0000277	0.00159	0.000461	0.00182	0.0836	0.0000142	3.43	7.34	0.0806	0.00111	5.94	0.00596	0.0578	0.000497	0.000361	0.000185	237	0.00000223	0.000525	0.000931	0.0018	2.01E-39
2095 Apr	122	0.0867	0.0153	0.00104	17.2	0.0624	41.2	0.00103	0.00103	0.00000569	0.00891	0.00235	0.0627	0.033	0.00000598	32.7	0.00028	0.00161	0.000466	0.00183	0.0845	0.0000143	3.47	7.41	0.0815	0.00112	6	0.00602	0.0584	0.000502	0.000365	0.000187	24	0.00000232	0.00053	0.000941	0.00181	2.03E-39
2095 May	119	0.0847	0.0163	0.00104	17.8	0.0575	37.3	0.00103	0.00103	0.00000562	0.00866	0.0023	0.0565	0.0343	0.00000588	33	0.0000273	0.00148	0.000492	0.00177	0.0888	0.0000138	3.32	7.12	0.0856	0.00101	6.22	0.00554	0.0585	0.000562	0.000351	0.000181	234	0.00000229	0.000478	0.000992	0.00182	1.2E-39
2095 Jun	115	0.0817	0.0184	0.00106	19	0.0494	30.9	0.00105	0.00105	0.00000562	0.00839	0.00224	0.0461	0.0371	0.00000582	34	0.0000267	0.00126	0.000446	0.00169	0.0981	0.0000132	3.11	6.7	0.0944	0.000832	6.7	0.00477	0.0597	0.000679	0.000333	0.000174	227	0.00000228	0.00039	0.0011	0.00189	
2095 Jul	131	0.0914	0.0206	0.00119	21.3	0.0569	36.2	0.00118	0.00118	0.00000635	0.00949	0.00256	0.0542	0.0417	0.00000659	38.5	0.0000304	0.00148	0.000613	0.00193	0.11	0.0000151	3.57	7.69	0.107	0.000967	7.51	0.00556	0.0671	0.000759	0.000385	0.000199	259	0.00000258	0.000459	0.00124	0.00214	
2095 Aug	135	0.0894	0.0202	0.00118	20.9	0.0605	40	0.00117	0.00117	0.00000636	0.00949	0.00262	0.0601	0.0411	0.00000663	38.6	0.0000308	0.00161	0.000605	0.00198	0.107	0.0000154	3.74	8.06	0.106	0.00105	7.37	0.00605	0.066	0.000735	0.000405	0.000208	268	0.00000259	0.000508	0.00122	0.00213	
2095 Sep	139	0.0877	0.0195	0.00117	20.3	0.0649	44.3	0.00116	0.00116	0.00000637	0.00951	0.00268	0.0668	0.0401	0.00000667	38.6	0.00031	0.00176	0.000587	0.00204	0.104	0.0000158	3.91	8.42	0.104	0.00115	7.16	0.00658	0.0648	0.000693	0.000423	0.000217	276	0.0000026	0.000564	0.00119	0.00212	
2095 Oct	144	0.0871	0.0193	0.00115	20.1	0.0687	48.7	0.00114	0.00114	0.00000637	0.00959	0.00277	0.0735	0.04	0.00000672	39.1	0.0000332	0.00192	0.000587	0.00212	0.102	0.0000162	4.12	8.9	0.105	0.00125	7.06	0.00715	0.0641	0.000679	0.000448	0.000228	288	0.00000026	0.000621	0.00119	0.00212	
2095 Nov	141	0.0862	0.0181	0.00112	19.2	0.069	49.1	0.00111	0.00111	0.00000662	0.00943	0.0027	0.0742	0.0381	0.00000655	37.8	0.0000313	0.00192	0.000556	0.00208	0.0968	0.0000159	4.06	8.76	0.0994	0.00126	6.75	0.00715	0.0621	0.000628	0.00044	0.000224	282	0.00000254	0.000627	0.00112	0.00204	
2095 Dec	139	0.0869	0.0176	0.00111	18.9	0.0686	48.1	0.0011	0.0011	0.00000615	0.00939	0.00266	0.0728	0.0374	0.0000065	37	0.0000308	0.00188	0.000541	0.00205	0.0949	0.0000157	3.98	8.58	0.0965	0.00125	6.64	0.00701	0.0618	0.000606	0.000428	0.000218	276	0.00000252	0.000615	0.00109	0.00201	
2096 Jan	139	0.0871	0.0176	0.00111	18.9	0.0687	48.2	0.0011	0.0011	0.00000615	0.00939	0.00266	0.0729	0.0374	0.00000649	37.1	0.0000308	0.00188	0.000541	0.00205	0.0949	0.0000157	3.98	8.59	0.0965	0.00125	6.65	0.00702	0.0618	0.000604	0.000428	0.000219	276	0.00000251	0.000616	0.00109	0.00201	
2096 Feb	139	0.0872	0.0177	0.00111	19	0.0687	48.2	0.0011	0.0011	0.00000615	0.00939	0.00266	0.0729	0.0375	0.0000065	37.2	0.0000308	0.00188	0.000543	0.00206	0.0952	0.0000157	3.99	8.6	0.0969	0.00125	6.66	0.00702	0.0619	0.000606	0.000429	0.000219	277	0.00000252	0.000616	0.0011	0.00201	
2096 Mar	139	0.0874	0.0178	0.00111	19	0.0687	48.2	0.0011	0.0011	0.00000616	0.00941	0.00267	0.073	0.0376	0.00000651	37.3	0.0000309	0.00189	0.000545	0.00206	0.0955	0.0000158	3.99	8.61	0.0972	0.00126	6.68	0.00703	0.062	0.000607	0.000429	0.000219	277	0.00000252	0.000616	0.0011	0.00201	
2096 Apr	141	0.0883	0.0179	0.00112	19.2	0.0693	48.6	0.00111	0.00111	0.00000622	0.00949	0.00269	0.0736	0.038	0.00000657	37.6	0.0000311	0.0019	0.000551	0.00208	0.0964	0.0000159	4.03	8.69	0.0981	0.00127	6.75	0.00709	0.0626	0.000613	0.000433	0.000221	28	0.00000254	0.000622	0.00111	0.00203	
2096 May	144	0.0876	0.0186	0.00112	19.6	0.0696	49.9	0.00111	0.00111	0.00000624	0.0095	0.00275	0.0753	0.039	0.00000666	38.6	0.0000317	0.00196	0.000572	0.00212	0.099	0.0000161	4.13	8.94	0.102	0.00128	6.88	0.00728	0.0628	0.000646	0.000447	0.000228	288	0.00000255	0.000637	0.00115	0.00206	
2096 Jun	76.6	0.0393	0.0118	0.000922	11.3	0.0357	20.7	0.000918	0.000918	0.00000485	0.00723	0.00155	0.0339	0.0226	0.00000499	21.2	0.0000236	0.000876	0.00031	0.00114	0.0639	0.0000111	2.11	4.27	0.0544	0.000534	4.19	0.00337	0.0467	0.000369	0.000295	0.000116	144	0.00000196	0.000273	0.000765	0.00184	
2096 Jul	79.1	0.0372	0.0118	0.000982	11.1	0.0379	22	0.000977	0.000977	0.00000517	0.00772	0.00161	0.0367	0.0225	0.00000532	21.4	0.0000253	0.000932	0.00033	0.00119	0.0643	0.0000119	2.2	4.4	0.0534	0.000563	4.18	0.0036	0.0489	0.000351	0.000319	0.00012	147	0.00000209	0.000293	0.000779	0.00199	
2096 Aug	92.5	0.0411	0.0131	0.00109	12.3	0.0451	27.9	0.00108	0.00108	0.00000577	0.00865	0.00186	0.0459	0.0251	0.00000597	24.4	0.0000288	0.00116	0.000341	0.00139	0.0711	0.0000135	2.61	5.28	0.0608	0.000699	4.61	0.00444	0.0541	0.000387	0.000374	0.000143	174	0.00000234	0.000369	0.000874	0.00223	
2096 Sep	95.2	0.0468	0.0122	0.00106	12.1	0.0493	31.1	0.00105	0.00105	0.00000567	0.00865	0.0019	0.0506	0.0244	0.0000059	24.3	0.0000284	0.00126	0.000325	0.00144	0.0675	0.0000136	2.72	5.55	0.0581	0.0008	4.49	0.00479	0.0533	0.000345	0.000371	0.000147	0.18	0.00000231	0.00041	0.000818	0.00212	
2096 Oct	89.3	0.0579	0.00992	0.000972	11.5	0.0511	30.5	0.000966	0.000966	0.00000524	0.00827	0.00177	0.0494	0.0217	0.00000546	22.4	0.0000254	0.0012	0.000274	0.00139	0.0586	0.0000127	2.56	5.2	0.0476	0.00085	4.14	0.00458	0.0505	0.000251	0.000315	0.000134	167	0.00000213	0.000404	0.000659	0.0018	
2096 Nov	89.5	0.0594	0.00971	0.000968	11.4	0.0519	30.8	0.000961	0.000961	0.00000523	0.00827	0.00177	0.0499	0.0216	0.00000545	22.3	0.0000253	0.00121	0.00027	0.00139	0.0579	0.0000127	2.57	5.22	0.0468	0.000867	4.13	0.00461	0.0504	0.000241	0.000312	0.000134	167	0.00000213	0.000409	0.000645	0.00178	
2096 Dec	89.7	0.0597	0.00969	0.000968	11.5	0.052	30.9	0.000961	0.000961	0.00000523	0.00828	0.00177	0.0501	0.0216	0.00000545	22.4	0.0000253	0.00122	0.00

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
Active Closure (2037-2043): Min	1440	0.472	1.61	0.0292	387	0.289	555	0.000163	0.000163	0.00000679	0.0135	0.00884	0.478	0.0554	0.000013	133	0.0000968	0.0129	0.000631	0.00271	0.0365	0.000043	23.6	66.9	0.208	0.00736	252	0.0409	0.0134	0.00014	0.00219	0.00109	1.29	0.00000446	0.00806	0.00152	0.00327	
Active Closure (2037-2043): Mean	2390	0.916	3.21	0.0573	763	0.402	790	0.000545	0.000545	0.00000741	0.0161	0.0121	0.677	0.0718	0.0000163	183	0.000129	0.0183	0.000839	0.00353	0.0553	0.0000568	33.1	94.7	0.282	0.0104	499	0.0578	0.0302	0.000296	0.00303	0.00153	1.81	0.00000545	0.0115	0.0019	0.0038	
Active Closure (2037-2043): Max	4290	1.81	6.43	0.114	1520	0.628	1260	0.000701	0.000701	0.0000832	0.021	0.0185	1.08	0.0978	0.0000225	279	0.000193	0.0291	0.00111	0.00502	0.07	0.0000838	52	150	0.413	0.0166	997	0.0916	0.0361	0.000468	0.0047	0.00239	2.82	0.00000731	0.0183	0.00247	0.00473	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Post Closure (2044-2099): Min	596	0.0239	0.0069	0.000425	6.3	0.207	395	0.000386	0.000386	0.00000533	0.0103	0.0066	0.339	0.0432	0.00000979	101	0.000071	0.00925	0.0005	0.00211	0.0424	0.0000317	17.1	48.5	0.157	0.00527	2.38	0.0293	0.0236	0.00015	0.00157	0.000799	0.952	0.00000339	0.00572	0.00121	0.00245	
Post Closure (2044-2099): Mean	914	0.0946	0.239	0.00467	62.3	0.291	564	0.000578	0.000578	0.00000623	0.0129	0.00891	0.485	0.0567	0.0000125	135	0.0000962	0.0131	0.000674	0.00271	0.0549	0.0000424	23.9	68.1	0.213	0.00749	38.7	0.0415	0.0319	0.000311	0.00219	0.00111	1.31	0.00000427	0.0082	0.00152	0.00304	
Post Closure (2044-2099): Max	1690	0.526	1.8	0.0324	430	0.403	795	0.000738	0.000738	0.0000073	0.0159	0.0122	0.681	0.0718	0.0000161	184	0.00013	0.0184	0.000876	0.00351	0.0739	0.0000566	33.3	95.2	0.284	0.0105	281	0.0581	0.0384	0.000524	0.00304	0.00154	1.82	0.00000538	0.0116	0.00193	0.00375	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	9700	5.73	20.5	0.363	4830	0.598	1200	0.000197	0.000197	0.0000081	0.0203	0.0176	1.02	0.0935	0.0000215	266	0.000184	0.0276	0.00106	0.00481	0.0368	0.0000799	49.4	142	0.392	0.0158	3170	0.087	0.0152	0.000135	0.00446	0.00227	2.68	0.00000702	0.0174	0.00235	0.00453	
2026 Feb	9680	5.71	20.4	0.362	4820	0.597	1200	0.000199	0.000199	0.0000081	0.0203	0.0176	1.02	0.0935	0.0000215	265	0.000183	0.0276	0.00106	0.0048	0.0372	0.0000798	49.3	142	0.392	0.0158	3170	0.0868	0.0153	0.000137	0.00445	0.00227	2.67	0.00000701	0.0174	0.00235	0.00452	
2026 Mar	9670	5.71	20.4	0.362	4810	0.596	1190	0.0002	0.0002	0.0000081	0.0203	0.0177	1.02	0.0935	0.0000215	265	0.000183	0.0276	0.00106	0.0048	0.0374	0.0000797	49.3	142	0.392	0.0157	3160	0.0867	0.0154	0.000138	0.00444	0.00227	2.67	0.00000701	0.0173	0.00235	0.00452	
2026 Apr	9680	5.71	20.4	0.362	4820	0.597	1190	0.000201	0.000201	0.0000081	0.0203	0.018	1.02	0.0936	0.0000215	265	0.000183	0.0276	0.00106	0.0048	0.0376	0.0000797	49.3	142	0.392	0.0158	3160	0.0867	0.0154	0.000139	0.00444	0.00227	2.67	0.00000701	0.0174	0.00235	0.00452	
2026 May	9820	5.79	20.7	0.367	4890	0.605	1210	0.000194	0.000194	0.00000818	0.0205	0.0183	1.04	0.0949	0.0000218	269	0.000186	0.028	0.00107	0.00487	0.0378	0.0000809	50	144	0.398	0.016	3210	0.088	0.0151	0.000141	0.00451	0.0023	2.71	0.0000071	0.0176	0.00239	0.00458	
2026 Jun	5990	3.52	12.6	0.224	2980	0.375	738	0.000512	0.000512	0.00000694	0.0154	0.0114	0.634	0.062	0.0000152	167	0.000122	0.0171	0.000694	0.00318	0.0394	0.0000531	30.8	88	0.249	0.00974	1950	0.0539	0.0265	0.000135	0.00284	0.00142	1.67	0.0000051	0.0107	0.00166	0.00366	
2026 Jul	6600	3.88	13.9	0.247	3280	0.412	814	0.000467	0.000467	0.00000717	0.0161	0.0125	0.698	0.067	0.0000163	183	0.000132	0.0188	0.000751	0.00344	0.0389	0.0000576	33.8	96.9	0.272	0.0107	2160	0.0594	0.0243	0.000137	0.00311	0.00156	1.83	0.00000544	0.0118	0.00178	0.00383	
2026 Aug	9020	5.31	19	0.337	4490	0.556	1110	0.000259	0.000259	0.00000791	0.0191	0.0166	0.952	0.0871	0.0000204	247	0.000172	0.0257	0.000984	0.00447	0.0366	0.0000751	46	132	0.366	0.0146	2950	0.0809	0.0155	0.000144	0.00417	0.00212	2.49	0.00000668	0.0162	0.00223	0.00444	
2026 Sep	10700	6.31	22.7	0.401	5340	0.656	1320	0.000119	0.000119	0.00000847	0.0214	0.0195	1.13	0.101	0.0000233	292	0.000202	0.0306	0.00115	0.00519	0.0353	0.0000874	54.5	157	0.433	0.0174	3510	0.0961	0.00985	0.000151	0.00494	0.00251	2.95	0.00000757	0.0192	0.00258	0.00495	
2026 Oct	10600	6.23	22.3	0.395	5260	0.648	1300	0.000136	0.000136	0.00000843	0.0214	0.0192	1.11	0.1	0.0000231	288	0.000199	0.0301	0.00114	0.00515	0.036	0.0000863	53.7	155	0.426	0.0172	3460	0.0946	0.0118	0.000144	0.00485	0.00247	2.91	0.00000749	0.0189	0.00254	0.00486	
2026 Nov	10300	6.1	21.8	0.387	5150	0.636	1280	0.000155	0.000155	0.00000837	0.0212	0.0188	1.09	0.0986	0.0000227	282	0.000195	0.0295	0.00112	0.00507	0.0363	0.0000847	52.6	151	0.417	0.0168	3390	0.0927	0.0128	0.000141	0.00475	0.00242	2.85	0.00000738	0.0186	0.00249	0.00478	
2026 Dec	10300	6.07	21.7	0.385	5130	0.633	1270	0.000159	0.000159	0.00000835	0.0211	0.0187	1.09	0.0983	0.0000226	281	0.000194	0.0293	0.00111	0.00505	0.0363	0.0000844	52.4	151	0.415	0.0167	3370	0.0923	0.013	0.000141	0.00473	0.00241	2.84	0.00000736	0.0185	0.00248	0.00476	
2027 Jan	10300	6.06	21.7	0.384	5120	0.632	1270	0.000161	0.000161	0.00000835	0.0211	0.0187	1.08	0.0981	0.0000226	281	0.000194	0.0293	0.00111	0.00504	0.0365	0.0000842	52.3	151	0.415	0.0167	3360	0.0921	0.0131	0.000141	0.00472	0.00241	2.84	0.00000734	0.0184	0.00248	0.00476	
2027 Feb	10300	6.05	21.7	0.384	5110	0.631	1270	0.000162	0.000162	0.00000834	0.0211	0.0186	1.08	0.0981	0.0000226	280	0.000194	0.0292	0.00111	0.00504	0.0367	0.0000841	52.2	150	0.414	0.0167	3360	0.092	0.0132	0.000142	0.00472	0.0024	2.83	0.00000734	0.0184	0.00248	0.00475	
2027 Mar	10300	6.05	21.7	0.384	5110	0.63	1270	0.000163	0.000163	0.00000834	0.0211	0.0186	1.08	0.0981	0.0000226	280	0.000194	0.0292	0.00111	0.00503	0.0368	0.0000841	52.2	150	0.414	0.0167	3360	0.0919	0.0132	0.000143	0.00471	0.0024	2.83	0.00000733	0.0184	0.00248	0.00475	
2027 Apr	10300	6.06	21.7	0.384	5110	0.631	1270	0.000164	0.000164	0.00000835	0.0211	0.0187	1.08	0.0983	0.0000226	280	0.000194	0.0293	0.00111	0.00504	0.037	0.0000842	52.3	150	0.415	0.0167	3360	0.092	0.0133	0.000144	0.00472	0.00241	2.83	0.00000734	0.0184	0.00248	0.00476	
2027 May	10500	6.18	22.1	0.392	5220	0.644	1300	0.000152	0.000152	0.00000846	0.0214	0.0191	1.11	0.1	0.0000223	286	0.000198	0.0299	0.00114	0.00513	0.0371	0.0000858	53.4	154	0.424	0.017	3430	0.094	0.0127	0.000147	0.00482	0.00246	2.89	0.00000747	0.0188	0.00253	0.00484	
2027 Jun	6640	3.91	14	0.248	3300	0.414	819	0.000462	0.000462	0.00000718	0.0162	0.0125	0.703	0.0672	0.0000164	184	0.000134	0.019	0.000754	0.00345	0.0386	0.0000579	34	97.5	0.274	0.0108	2170	0.0598	0.0242	0.000135	0.00314	0.00157	1.85	0.00000545	0.0119	0.00179	0.00386	
2027 Jul	5050	2.97	10.6	0.189	2510	0.319	622	0.000605	0.000605	0.00000672	0.0142	0.00973	0.536	0.0538	0.0000137	142	0.000107	0.0144	0.000597	0.00277	0.0398	0.0000465	26.1	74.3	0.211	0.00821	1650	0.0456	0.0298	0.000129	0.00244	0.0012	1.41	0.00000465	0.00905	0.00149	0.00346	
2027 Aug	7150	4.21	15.1	0.267	3560	0.444	882	0.000436	0.000436	0.00000742	0.017	0.0134	0.756	0.0715	0.0000173	198	0.000142	0.0204	0.000803	0.00367	0.0385	0.0000617	36.6	105	0.294	0.0116	2340	0.0643	0.0228	0.000138	0.00337	0.00169	1.98	0.00000575	0.0128	0.0019	0.00404	
2027 Sep	9510	5.61	20.1	0.356	4740	0.587	1170	0.000213	0.000213	0.00000804	0.02	0.0174	1	0.0917	0.0000212	260	0.000181	0.0271	0.00103	0.00471	0.0364	0.0000785	48.4	139	0.384	0.0155	3110	0.0852	0.0154	0.000133	0.00437	0.00223	2.63	0.00000692	0.0171	0.00231	0.0045	
2027 Oct	9710	5.73	20.5	0.363	4830	0.599	1200	0.000197	0.000197	0.00000811	0.0203	0.0177	1.02	0.0935	0.0000216	266	0.000184	0.0277	0.00105	0.00481	0.0365	0.00008	49.5	142	0.392	0.0158	3180	0.087	0.0151	0.000132	0.00446	0.00228	2.68	0.00000703	0.0174	0.00235	0.00453	
2027 Nov	9390	5.55	19.8	0.351	4680	0.58	1160	0.00022	0.00022	0.00000799	0.0199	0.0171	0.991	0.0909	0.0000021	257	0.000178	0.0268	0.00102	0.00468	0.0367	0.0000777	47.9	138	0.379	0.0153	3070	0.0842	0.0164	0.000129	0.00431	0.0022	2.6	0.00000686	0.0168	0.00228	0.00442	
2027 Dec	9340	5.51	19.7	0.349	4650	0.577	1150	0.000226	0.000226	0.00000797	0.0199	0.017	0.985	0.0905	0.0000209	256	0.000177	0.0266	0.00102	0.00468	0.0368	0.0000772	47.6	137	0.377	0.0152	3050	0.0837	0.0166	0.000128	0.00429	0.00219	2.58	0.00000683	0.0167	0.00226	0.0044	
2028 Jan	9270	5.48	19.6	0.347	4620	0.574	1140	0.000231	0.000231	0.00000795	0.0198	0.0169	0.978	0.0901	0.0000208	254	0.000176	0.0264	0.00102	0.00463	0.0372	0.0000768	47.3	136	0.375	0.0151	3030	0.0831	0.0169	0.00013	0.00426	0.00217	2.56	0.00000679	0.0166	0.00225	0.00438	
2028 Feb	9240	5.45	19.5	0.345	4600	0.571	1140	0.000234	0.000234	0.00000794	0.0197	0.0169	0.975	0.09	0.0000207	254	0.000176	0.0263	0.00102	0.00462	0.0378	0.0000765	47.1	135	0.374	0.0151	3020	0.0828	0.0172	0.000133	0.00424	0.00217	2.55	0.00000677	0.0166	0.00225	0.00437	
2028 Mar	9210	5.44	19.4	0.344	4590	0.57	1140	0.000236	0.000236	0.00000794	0.0197	0.0168	0.972	0.09	0.0000207	253	0.000175	0.0263	0.00102	0.00462	0.0382	0.0000764	47	135	0.374	0.015	3010	0.0826	0.0173	0.000135	0.00423	0.00216	2.55	0.00000676	0.0165	0.00225	0.00436	
2028 Apr	9210	5.44	19.4	0.344	4580	0.57	1140	0.000238	0.000238	0.00000794	0.0197	0.0168	0.971	0.0901	0.0000207	253	0.000175	0.0262	0.00102	0.00462	0.0385	0.0000763	47	135	0.374	0.015	3010	0.0825	0.0174	0.000137	0.00423	0.00216	2.55	0.00000676	0.0165	0.00225	0.00436	
2028 May	9250	5.46	19.5	0.346	4610	0.573	1140	0.000237	0.000237	0.00000798	0.0198	0.0171	0.978	0.0907	0.0000208	255	0.000176	0.0264	0.00103	0.00465	0.0388	0.0000768	47.3	136	0.377	0.0151	3030	0.0831	0.0174	0.000139	0.00426	0.00217	2.56	0.0000068	0.0166	0.00227	0.00439	
2028 Jun	3500	2.04	7.29	0.13	1720	0.235	449	0.000684	0.000684	0.00000608	0.0121	0.00739	0.389	0.0418	0.0000111	105	0.0000826	0.0105	0.000458	0.00216	0.0393	0.000036	19	53.9	0.156	0.00596	1130	0.0331	0.033	0.000117	0.00181	0.000877	1.03	0.00000385	0.00654	0.00119	0.00299	
2028 Jul	1940	1.11	3.94	0.0706	934	0.146	263	0.000812	0.000812	0.00000562	0.0101	0.00465	0.231	0.0289	0.00000855	65.3	0.0000574	0.00619	0.000306	0.0015	0.0398	0.0000252	11.5	31.9	0.0974	0.00351	612	0.0198	0.0374	0.000112	0.00115	0.00053	0.622	0.00000307	0.00384	0.0009	0.00262	
2028 Aug	3950	2.26	8.1	0.144	1910	0.28	541	0.00064	0.00064	0.00000641	0.0131	0.00872	0.467	0.0479	0.0000125	125	0.0000952	0.0126	0.000528	0.00247	0.039	0.0000415	22.7	64.7	0.185	0.00714	1260	0.0397	0.0306	0.000123	0.00215	0.00105	1.23	0.00000427	0.00787	0.00134	0.00325	
2028 Sep	6670	3.83	13.7	0.243	3240	0.461	918	0.000375	0.000375	0.00000733	0.0171	0.014	0.786	0.0737	0.0000176	205	0.000146	0.0212	0.000828	0.00379	0.0368	0.0000635	38	109	0.304	0.0121	2130	0.0669	0.0206	0.000131	0.00348	0.00175	2.06	0.00000583	0.0133	0.00192	0.004	
2028 Oct	6980	4.04	14.4	0.255	3390	0.488	962	0.000355	0.000355	0.00000748	0.0179	0.0144	0.823	0.0781	0.0000183	216	0.000151	0.0222	0.0087	0.00404	0.0384	0.0000661	39.8	114	0.316	0.0128	2230	0.0699	0.0232	0.000112	0.00358	0.00183	2.16	0.00000602	0.014	0.00193	0.00388	
2028 Nov	6860	3.97	14.1	0.25	3330	0.48	945	0.000368	0.000368	0.00000745	0.0178	0.0141	0.809	0.0771	0.000018	212	0.000148	0.0218	0.000857	0.00399	0.0386	0.0000651	39.2	112	0.311	0.0126	2190	0.0687	0.0239	0.00011	0.00352	0.0018	2.13	0.00000596	0.0137	0.0019	0.00383	
2028 Dec	6820	3.94	14	0.248	3310	0.478	939	0.000373	0.000373	0.00000743	0.0177	0.0141	0.804	0.0767	0.000018	211	0.000147	0.0217	0.000853	0.00397	0.0387	0.0000647	38.9	112	0.309	0.0125	2170	0.0683	0.0241	0.00011	0.0035	0.00179	2.11	0.00000593	0.0136	0.00188	0.00381	
2029 Jan	6800	3.93	14	0.248	3300	0.476	936	0.000374	0.000374	0.00000743	0.0177	0.014	0.801	0.0766	0.0000179	211	0.000147	0.0216	0.000852	0.00396	0.0389	0.0000646	38.8	111	0.308	0.0124	2170	0.0681	0.0242	0.00011	0.00349	0.00178	2.11	0.00000592	0.0136	0.00188	0.0038	
2029 Feb	6790	3.93	14	0.247	3290	0.476	935	0.000375	0.000375	0.00000742	0.0177	0.014	0.8	0.0766	0.0000179	210	0.000147	0.0216	0.000852	0.00396	0.0391	0.0000645	38.8	111	0.308	0.0124	2160	0.068	0.0243	0.000112	0.00348	0.00178	2.1	0.00000591	0.0136	0.00188	0.0038	
2029 Mar	6780	3.92	13.9	0.247	3290	0.475	934	0.000376	0.000376	0.00000742	0.0177	0.014	0.799	0.0766	0.0000179	210	0.000147	0.0216	0.000853	0.00396	0.0393	0.0000645	38.7	111	0.308	0.0124	2160	0.0679	0.0244	0.000112	0.00348	0.00178	2.1	0.00000591	0.0136	0.00188	0.0038	
2029 Apr	6780	3.92	13.9	0.247	3290	0.475	933	0.000376	0.000376	0.00000742	0.0177	0.014	0.799	0.0766	0.0000179	210	0.000147	0.0216	0.000853	0.00396	0.0394	0.0000644	38.7	111	0.308	0.0124	2160	0.0679	0.0244	0.000113	0.00348	0.00178	2.1	0.00000591	0.0136	0.00188	0.0038	
2029 May	6910	3.99	14.2	0.252	3350	0.487	958	0.000363	0.000363	0.0000075	0.018	0.0143	0.82	0.0783	0.0000182	216	0.00015	0.0221	0.000873	0.00404	0.0394	0.0000659	39.7	114	0.316	0.0127	2200	0.0697	0.0237	0.000116	0.00357	0.00183	2.16	0.00000602	0.0139	0.00193	0.00387	
2029 Jun	5110	2.91	10.4	0.184	2450	0.375	735	0.000516	0.000516	0.00000694	0.0154	0.0114	0.631	0.062	0.0000152	167	0.000121	0.017	0.000689	0.0032	0.0393	0.0000529	30.6	87.6	0.246	0.00973	1610	0.0537	0.0276	0.000121	0.00281	0.00141	1.66	0.00000509	0.0107	0.00163	0.00357	
2029 Jul	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000926	0.000926	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0407	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.0421	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
2029 Aug	2840	1.58	5.66	0.101	1340	0.228	432	0.000714	0.000714	0.00000613	0.0119	0.00699	0.375	0.0406	0.000011	102	0.0000803	0.0101	0.000442	0.0021	0.0394	0.0000352	18.3	51.9	0.151	0.00573	878	0.0319	0.0335	0.000117	0.00176	0.000847	0.995	0.00000381	0.00629	0.00117	0.003	
2029 Sep	6460	3.61	12.9	0.229	3050	0.496	989	0.000331	0.000331	0.00000753	0.0179	0.0148	0.847	0.0785	0.0000186	220	0.000156	0.0229	0.000884	0.00403	0.0364	0.0000677	40.9	118	0.326	0.013	2000	0.072	0.0186	0.000134	0.00374	0.00189	2.22	0.00000614	0.0144	0.00204	0.00418	
2029 Oct	7710	4.31	15.4	0.274	3640	0.589	1180	0.000203	0.000203	0.00000804	0.02	0.0175	1.01	0.0918	0.0000213	262	0.000182	0.0273	0.00104	0.00471	0.0358	0.0000789	48.7	140	0.387	0.0155	2390	0.0858	0.0142	0.000138	0.00441	0.00224	2.64	0.00000694	0.0172	0.00234	0.00456	
2029 Nov	6530	3.67	13.1	0.232	3090	0.506	1000	0.000319	0.000319	0.00000754	0.0182	0.0149	0.857	0.0804	0.0000188	224	0.000156	0.0231	0.000899	0.00415	0.0375	0.0000583	41.4	119	0.329	0.0133	2030	0.0728	0.0209	0.000117	0.00373	0.00191	2.25	0.00000617	0.0145	0.002	0.004	
2029 Dec	6450	3.63	12.9	0.229	3050	0.5	988	0.000328	0.000328	0.00000751	0.0181	0.0147	0.846	0.0796	0.0000186	221	0.000154	0.0228	0.000889	0.00411	0.0376	0.0000676	40.9	117	0.325	0.0131	2000	0.0719	0.0215	0.000116	0.00368	0.00188	2.22	0.00000612	0.0144	0.00198	0.00396	
2030 Jan	6410	3.61	12.8	0.228	3030	0.497	983	0.000332	0.000332	0.0000075	0.0181	0.0147	0.841	0.0794	0.0000185	220	0.000154	0.0227	0.000887	0.00409	0.0379	0.0000672	40.7	117	0.323	0.013	1990	0.0715	0.0217	0.000117	0.00366	0.00187	2.21

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2032 Jun	4410	2.29	8.17	0.145	1930	0.431	855	0.000437	0.000437	0.00000726	0.0167	0.0129	0.733	0.0697	0.0000168	192	0.000138	0.0198	0.000782	0.00359	0.0383	0.00006	35.5	102	0.284	0.0113	1270	0.0623	0.0236	0.000131	0.00326	0.00163	1.92	0.0000056	0.0124	0.00184	0.0039	
2032 Jul	3510	1.81	6.45	0.115	1520	0.354	696	0.000537	0.000537	0.00000682	0.0149	0.0107	0.598	0.0586	0.0000146	158	0.000117	0.0161	0.000653	0.00302	0.0385	0.0000506	29	82.9	0.234	0.00917	1000	0.0509	0.027	0.000127	0.00269	0.00134	1.57	0.00000492	0.0101	0.00159	0.00358	
2032 Aug	4330	2.21	7.9	0.14	1860	0.44	873	0.000433	0.000433	0.00000735	0.0168	0.0132	0.749	0.0709	0.0000171	196	0.000141	0.0202	0.000795	0.00364	0.038	0.0000611	36.2	104	0.29	0.0115	1220	0.0636	0.0227	0.000133	0.00333	0.00167	1.96	0.0000057	0.0127	0.00187	0.00397	
2032 Sep	5110	2.6	9.3	0.165	2190	0.524	1050	0.000315	0.000315	0.00000779	0.0186	0.0157	0.895	0.0827	0.0000195	233	0.000164	0.0242	0.000932	0.00424	0.0369	0.0000712	43.3	124	0.345	0.0138	1440	0.0761	0.0181	0.000137	0.00394	0.00199	2.34	0.00000642	0.0152	0.00213	0.00433	
2032 Oct	5530	2.81	10	0.178	2370	0.567	1140	0.000246	0.000246	0.00000799	0.0195	0.017	0.973	0.0888	0.0000208	252	0.000176	0.0263	0.001	0.00456	0.0363	0.0000765	47	135	0.373	0.015	1560	0.0826	0.0154	0.000139	0.00426	0.00216	2.55	0.00000679	0.0165	0.00228	0.00451	
2032 Nov	5760	2.92	10.4	0.185	2460	0.592	1190	0.000215	0.000215	0.00000813	0.0202	0.0176	1.02	0.0924	0.0000215	263	0.000183	0.0274	0.00104	0.00474	0.0364	0.0000795	49	141	0.389	0.0156	1620	0.0863	0.0146	0.00014	0.00444	0.00226	2.66	0.000007	0.0173	0.00236	0.00461	
2032 Dec	5610	2.85	10.2	0.18	2400	0.579	1160	0.000234	0.000234	0.00000805	0.0199	0.0172	0.991	0.0907	0.0000211	257	0.000179	0.0268	0.00102	0.00466	0.0368	0.0000778	47.8	138	0.38	0.0153	1580	0.0842	0.0162	0.000134	0.00432	0.0022	2.59	0.00000688	0.0168	0.00229	0.00449	
2033 Jan	5540	2.81	10	0.178	2370	0.573	1140	0.000243	0.000243	0.00000802	0.0198	0.017	0.979	0.09	0.0000209	254	0.000177	0.0264	0.00102	0.00462	0.0375	0.0000769	47.3	136	0.376	0.0151	1560	0.0831	0.0167	0.000136	0.00427	0.00218	2.56	0.00000682	0.0166	0.00228	0.00445	
2033 Feb	5510	2.8	9.99	0.177	2360	0.57	1140	0.000247	0.000247	0.000008	0.0197	0.0169	0.974	0.0899	0.0000208	253	0.000176	0.0263	0.00102	0.00461	0.0383	0.0000766	47.1	135	0.375	0.015	1550	0.0828	0.017	0.00014	0.00425	0.00217	2.55	0.0000068	0.0166	0.00227	0.00444	
2033 Mar	5500	2.8	9.96	0.177	2350	0.569	1140	0.000249	0.000249	0.000008	0.0197	0.0169	0.972	0.0899	0.0000207	253	0.000176	0.0262	0.00102	0.0046	0.0387	0.0000764	47	135	0.375	0.015	1540	0.0826	0.0171	0.000143	0.00424	0.00216	2.55	0.00000678	0.0165	0.00228	0.00443	
2033 Apr	5500	2.8	9.96	0.177	2350	0.569	1140	0.000251	0.000251	0.00000801	0.0197	0.0169	0.972	0.0901	0.0000208	253	0.000176	0.0262	0.00102	0.00461	0.0391	0.0000765	47	135	0.375	0.015	1540	0.0826	0.0173	0.000144	0.00424	0.00216	2.55	0.00000679	0.0165	0.00228	0.00443	
2033 May	4980	2.5	8.89	0.158	2100	0.53	1060	0.000307	0.000307	0.00000782	0.0187	0.016	0.905	0.0887	0.0000197	239	0.000165	0.0245	0.00103	0.00441	0.0497	0.0000719	44	126	0.364	0.0139	1380	0.0771	0.0206	0.00027	0.00398	0.00203	2.39	0.00000647	0.0154	0.00229	0.0043	
2033 Jun	3750	1.85	6.57	0.117	1550	0.414	823	0.000457	0.000457	0.00000717	0.016	0.0128	0.704	0.0767	0.0000164	192	0.000134	0.0191	0.000925	0.00366	0.0612	0.0000058	34.5	98.9	0.304	0.0108	1020	0.0602	0.0276	0.000397	0.00315	0.0016	1.89	0.00000546	0.012	0.00205	0.00379	
2033 Jul	3900	1.93	6.83	0.121	1620	0.433	861	0.000449	0.000449	0.00000735	0.0165	0.0133	0.736	0.0788	0.0000017	200	0.000139	0.02	0.000944	0.00378	0.06	0.0000604	36	103	0.314	0.0113	1060	0.0629	0.0271	0.000382	0.00329	0.00167	1.97	0.00000565	0.0125	0.0021	0.00391	
2033 Aug	4440	2.18	7.75	0.138	1830	0.494	987	0.000378	0.000378	0.00000775	0.018	0.0151	0.844	0.086	0.0000188	226	0.000157	0.0229	0.00102	0.00419	0.0562	0.0000679	41.1	118	0.349	0.013	1200	0.072	0.0236	0.000346	0.00374	0.0019	2.24	0.00000621	0.0143	0.00227	0.00423	
2033 Sep	5370	2.62	9.33	0.165	2200	0.608	1220	0.000185	0.000185	0.00000817	0.0205	0.018	1.04	0.0955	0.0000219	271	0.000187	0.0282	0.00109	0.00488	0.0382	0.0000812	50.3	145	0.402	0.0161	1450	0.0886	0.0144	0.000161	0.00454	0.00232	2.73	0.00000712	0.0177	0.00242	0.00462	
2033 Oct	4950	2.42	8.59	0.152	2030	0.566	1130	0.000246	0.000246	0.00000792	0.0196	0.0166	0.964	0.089	0.0000206	251	0.000174	0.026	0.001	0.00458	0.0373	0.0000758	46.6	134	0.369	0.0149	1330	0.0819	0.0178	0.000127	0.00419	0.00214	2.53	0.00000673	0.0164	0.00222	0.00433	
2033 Nov	4820	2.36	8.36	0.148	1980	0.552	1100	0.000267	0.000267	0.00000785	0.0194	0.0162	0.938	0.0871	0.0000202	245	0.00017	0.0253	0.000977	0.00449	0.0376	0.0000741	45.3	130	0.36	0.0145	1300	0.0797	0.0189	0.000124	0.00408	0.00209	2.46	0.0000066	0.0159	0.00217	0.00424	
2033 Dec	4810	2.35	8.34	0.148	1970	0.551	1090	0.000269	0.000269	0.00000785	0.0193	0.0162	0.936	0.0869	0.0000201	244	0.000169	0.0253	0.000975	0.00448	0.0377	0.0000739	45.2	130	0.359	0.0145	1290	0.0795	0.019	0.000124	0.00407	0.00208	2.45	0.00000659	0.0159	0.00216	0.00423	
2034 Jan	4800	2.35	8.33	0.148	1970	0.55	1090	0.00027	0.00027	0.00000784	0.0193	0.0162	0.935	0.0868	0.0000201	244	0.000169	0.0252	0.000975	0.00447	0.0377	0.0000738	45.2	130	0.358	0.0145	1290	0.0794	0.0191	0.000124	0.00407	0.00208	2.45	0.00000659	0.0159	0.00216	0.00423	
2034 Feb	4800	2.35	8.33	0.148	1970	0.55	1090	0.000271	0.000271	0.00000784	0.0193	0.0162	0.934	0.0868	0.0000201	244	0.000169	0.0252	0.000975	0.00447	0.0378	0.0000738	45.2	130	0.358	0.0145	1290	0.0794	0.0191	0.000124	0.00406	0.00208	2.45	0.00000658	0.0159	0.00216	0.00423	
2034 Mar	4800	2.35	8.33	0.148	1970	0.549	1090	0.000271	0.000271	0.00000784	0.0193	0.0162	0.934	0.0868	0.0000201	244	0.000169	0.0252	0.000975	0.00447	0.0379	0.0000738	45.1	130	0.358	0.0144	1290	0.0793	0.0192	0.000125	0.00406	0.00208	2.45	0.00000658	0.0159	0.00216	0.00423	
2034 Apr	4800	2.35	8.34	0.148	1970	0.55	1090	0.000272	0.000272	0.00000785	0.0193	0.0162	0.935	0.087	0.0000201	244	0.000169	0.0252	0.000977	0.00448	0.038	0.0000739	45.2	130	0.359	0.0145	1290	0.0794	0.0192	0.000125	0.00407	0.00208	2.45	0.00000659	0.0159	0.00216	0.00423	
2034 May	4680	2.29	8.1	0.144	1910	0.537	1070	0.000296	0.000296	0.00000782	0.0191	0.016	0.913	0.0864	0.0000198	239	0.000166	0.0247	0.000978	0.00441	0.0413	0.0000724	44.2	127	0.354	0.0141	1260	0.0776	0.0205	0.000161	0.00398	0.00203	2.4	0.00000649	0.0155	0.00216	0.0042	
2034 Jun	3380	1.65	5.8	0.103	1370	0.395	777	0.000491	0.000491	0.00000706	0.0157	0.0122	0.665	0.0742	0.0000158	183	0.000126	0.018	0.00089	0.00354	0.062	0.0000553	32.7	93.5	0.288	0.0103	900	0.0569	0.0305	0.000385	0.00296	0.00151	1.79	0.00000527	0.0113	0.00194	0.00357	
2034 Jul	3880	1.86	6.57	0.117	1560	0.461	914	0.000414	0.000414	0.00000749	0.0172	0.014	0.782	0.0815	0.0000177	211	0.000145	0.0212	0.000963	0.00397	0.0569	0.0000635	38.2	109	0.325	0.0121	1020	0.0667	0.0262	0.000337	0.00345	0.00176	2.08	0.00000588	0.0133	0.00211	0.00394	
2034 Aug	4180	2	7.07	0.125	1670	0.501	997	0.000377	0.000377	0.0000078	0.0182	0.0152	0.852	0.0864	0.000019	228	0.000157	0.0231	0.00101	0.00425	0.055	0.0000685	41.5	119	0.349	0.0131	1100	0.0726	0.0243	0.000319	0.00376	0.00192	2.26	0.00000626	0.0145	0.00223	0.00417	
2034 Sep	4680	2.19	7.79	0.138	1840	0.58	1160	0.000232	0.000232	0.00000804	0.0199	0.0172	0.99	0.0918	0.0000021	258	0.000179	0.0268	0.00104	0.0047	0.0395	0.0000777	47.9	138	0.382	0.0153	1210	0.0841	0.017	0.000159	0.00432	0.0022	2.6	0.00000687	0.0168	0.00231	0.00445	
2034 Oct	4710	2.2	7.83	0.139	1850	0.588	1170	0.000219	0.000219	0.00000807	0.0201	0.0173	1	0.092	0.0000212	261	0.000181	0.0271	0.00104	0.00474	0.037	0.0000786	48.5	139	0.384	0.0155	1210	0.0852	0.0164	0.00013	0.00437	0.00223	2.63	0.00000693	0.0171	0.0023	0.00447	
2034 Nov	4670	2.19	7.76	0.138	1830	0.583	1160	0.000228	0.000228	0.00000806	0.0201	0.0172	0.995	0.0914	0.0000211	259	0.000179	0.0269	0.00103	0.00471	0.0373	0.000078	48.1	138	0.381	0.0154	1200	0.0845	0.0169	0.000129	0.00433	0.00221	2.61	0.00000689	0.0169	0.00229	0.00444	
2034 Dec	4660	2.18	7.74	0.137	1830	0.582	1160	0.00023	0.00023	0.00000805	0.02	0.0171	0.992	0.0912	0.0000211	258	0.000179	0.0268	0.00103	0.0047	0.0373	0.0000778	47.9	138	0.38	0.0153	1200	0.0843	0.017	0.000129	0.00432	0.0022	2.6	0.00000688	0.0169	0.00228	0.00443	
2035 Jan	4660	2.18	7.73	0.137	1830	0.581	1160	0.000231	0.000231	0.00000805	0.02	0.0171	0.991	0.0912	0.0000211	258	0.000179	0.0268	0.00103	0.00469	0.0374	0.0000778	47.9	138	0.38	0.0153	1200	0.0842	0.0171	0.00013	0.00431	0.0022	2.6	0.00000688	0.0169	0.00228	0.00443	
2035 Feb	4650	2.18	7.72	0.137	1820	0.581	1160	0.000232	0.000232	0.00000804	0.02	0.0171	0.991	0.0912	0.000021	258	0.000178	0.0268	0.00103	0.00469	0.0375	0.0000777	47.9	138	0.38	0.0153	1200	0.0842	0.0171	0.00013	0.00431	0.0022	2.6	0.00000687	0.0168	0.00228	0.00443	
2035 Mar	4650	2.18	7.72	0.137	1820	0.581	1160	0.000232	0.000232	0.00000804	0.02	0.0171	0.99	0.0912	0.000021	258	0.000178	0.0267	0.00103	0.00469	0.0375	0.0000777	47.8	138	0.38	0.0153	1200	0.0841	0.0171	0.000131	0.00431	0.0022	2.59	0.00000687	0.0168	0.00228	0.00442	
2035 Apr	4660	2.18	7.73	0.137	1830	0.581	1160	0.000233	0.000233	0.00000805	0.02	0.0171	0.991	0.0913	0.0000211	258	0.000179	0.0268	0.00103	0.0047	0.0377	0.0000778	47.9	138	0.38	0.0153	1200	0.0842	0.0172	0.000131	0.00431	0.0022	2.6	0.00000688	0.0169	0.00228	0.00443	
2035 May	4680	2.19	7.76	0.138	1830	0.585	1170	0.000235	0.000235	0.00000811	0.0202	0.0173	0.997	0.092	0.0000212	259	0.00018	0.0269	0.00104	0.00473	0.0383	0.0000783	48.2	139	0.383	0.0154	1200	0.0847	0.0173	0.000136	0.00434	0.00222	2.61	0.00000692	0.0169	0.0023	0.00446	
2035 Jun	2770	1.29	4.55	0.0811	1080	0.333	691	0.000543	0.000543	0.00000681	0.0148	0.0108	0.593	0.063	0.0000145	161	0.000115	0.016	0.000729	0.00312	0.0495	0.0000503	29	82.8	0.245	0.00916	707	0.0506	0.03	0.00024	0.00266	0.00134	1.58	0.00000493	0.01	0.00167	0.00346	
2035 Jul	2760	1.28	4.51	0.0803	1070	0.354	693	0.000557	0.000557	0.00000689	0.0149	0.0108	0.595	0.0628	0.0000146	161	0.000116	0.0161	0.000723	0.00312	0.049	0.0000505	29.1	83	0.245	0.00917	700	0.0507	0.0303	0.000231	0.00267	0.00134	1.58	0.00000494	0.0101	0.00168	0.0035	
2035 Aug	3700	1.67	5.95	0.106	1410	0.486	968	0.000378	0.000378	0.00000764	0.0179	0.0146	0.829	0.08	0.0000185	218	0.000154	0.0224	0.000916	0.00404	0.0442	0.0000668	40.2	115	0.328	0.0128	923	0.0705	0.0221	0.000205	0.00366	0.00185	2.18	0.00000611	0.0141	0.00209	0.00416	
2035 Sep	4650	2.06	7.35	0.13	1740	0.628	1260	0.000166	0.000166	0.00000832	0.021	0.0185	1.08	0.0976	0.0000225	279	0.000193	0.0291	0.0011	0.00501	0.0364	0.0000837	52	149	0.412	0.0166	1140	0.0914	0.0133	0.00014	0.00469	0.00239	2.82	0.0000073	0.0183	0.00246	0.00472	
2035 Oct	4860	2.16	7.7	0.136	1820	0.656	1320	0.000123	0.000123	0.00000847	0.0216	0.0193	1.13	0.101	0.0000233	291	0.000201	0.0305	0.00115	0.00521	0.0359	0.0000872	54.4	157	0.431	0.0174	1190	0.0958	0.0114	0.000144	0.00491	0.0025	2.95	0.00000756	0.0192	0.00257	0.00489	
2035 Nov	4630	2.06	7.32	0.13	1730	0.626	1260	0.000163	0.000163	0.00000828	0.021	0.0184	1.07	0.0973	0.0000224	278	0.000192	0.029	0.0011	0.005	0.0362	0.0000834	51.8	149	0.411	0.0166	1140	0.0912	0.0134	0.000138	0.00467	0.00238	2.81	0.00000728	0.0183	0.00245	0.0047	
2035 Dec	4560	2.03	7.2	0.128	1700	0.617	1240	0.000176	0.000176	0.00000823	0.0208	0.0182	1.06	0.096	0.0000221	274	0.000189	0.0285	0.00108	0.00494	0.0364	0.0000823	51	147	0.404	0.0163	1120	0.0897	0.0142	0.000136	0.0046	0.00235	2.76	0.00000719	0.018	0.00241	0.00464	
2036 Jan	4540	2.02	7.18	0.127	1690	0.614	1230	0.00018	0.00018	0.00000822	0.0207	0.0181	1.05	0.0958	0.000022	273	0.000189	0.0284	0.00108	0.00492	0.0367	0.0000802	50.8	146	0.403	0.0162	1110	0.0894	0.0143	0.000137	0.00458	0.00234	2.75	0.00000718	0.0179	0.00241	0.00463	
2036 Feb	4530	2.02	7.16	0.127	1690	0.613	1230	0.000181	0.000181	0.00000821	0.0207	0.0181	1.05	0.0957	0.000022	272	0.000188	0.0284	0.00108	0.00492	0.037	0.0000818	50.7	146	0.402	0.0162	1110	0.0892	0.0145	0.000138	0.00457	0.00233	2.75	0.00000716	0.0179	0.00241	0.00462	
2036 Mar	4520	2.01	7.15	0.127	1690	0.613	1230	0.000182	0.000182	0.00000821	0.0207	0.018	1.05	0.0957	0.000022	272	0.000188	0.0283	0.00108	0.00491	0.0372	0.0000817	50.6	146	0.402	0.0162	1110	0.0891	0.0145	0.000139	0.00457	0.00233	2.75	0.00000716	0.0178	0.00241	0.00462	
2036 Apr	4530	2.02	7.17	0.127	1690	0.614	1230	0.000182	0.000182	0.00000823	0.0207	0.0182	1.05	0.096	0.000022	273	0.000189	0.0284	0.00109	0.00493	0.0374	0.000082	50.8	146	0.404	0.0162	1110	0.0894	0.0145	0.00014	0.00458	0.00234	2.76	0.00000718	0.0179	0.00242	0.00463	
2036 May	4580	2.03	7.23	0.128	1710	0.622	1250	0.000179	0.000179	0.00000783	0.0209	0.0187	1.07	0.0971	0.0000223	276	0.000191	0.0288	0.0011	0.00498	0.0376	0.0000829	51.4	148	0.409	0.0164	1120	0.0905	0.0144	0.000143	0.00464	0.00237	2.79	0.00000726	0.0181	0.00245	0.00469	
2036 Jun	2830	1.22	4.35	0.0774	1030	0.403	797	0.000464	0.000464	0.00000705	0.0159	0.0121	0.683	0.0656	0.0000016	179	0.00013	0.0184	0.000736	0.00337	0.0383	0.0000564	33.1	94.8	0.266	0.0105	674	0.0581	0.0243	0.000133	0.00305	0.00153	1.8	0.00000533	0.0116	0.00175	0.00378	
2036 Jul	2410	1.02	3.65	0.0651	863	0.353	693	0.000534	0.000534	0.00000679	0.0147	0.0106	0.596	0.0584	0.0000146	157	0.000116	0.0161	0.000651	0.00301	0.0385	0.0000503	28.9	82.7	0.234	0.00914	566	0.0507	0.0266	0.00013	0.00269	0.00133	1.57	0.00000449	0.0101	0.00158	0.00356	
2036 Aug	2940	1.24	4.44	0.079	1050	0.43	853	0.000446	0.000446	0.0000073	0.0165	0.013	0.732	0.0694	0.0000169	191	0.000138	0.0197	0.000779	0.00357	0.0384	0.00006	35.4	102	0.284	0.0112	688	0.0622	0.0231	0.000137	0.00326	0.00163	1.92	0.00000561	0.0124	0.00184	0.00394	
2036 Sep	4470	1.87	6.72	0.119	1580	0.651	1310	0.000123	0.000123	0.00000843	0.0214	0.0193	1.12	0.1	0.0000232	290	0.000201	0.0303	0.00114	0.00515	0.0352	0.0000868	54.1	156	0.43	0.0172	1040	0.0954	0.0101	0.000151	0.00491	0.00249	2.93	0.00000752	0.0191	0.00258	0.00495	
2036 Oct	4470	1.88	6.71	0.119	1580	0.654	1320	0.000126	0.000126	0.00000846	0.0216	0.0193	1.12	0.101	0.0000232	290	0.000201	0.0304	0.00115	0.00519	0.0358	0.000087	54.2	156	0.43	0.0173	1040	0.0955	0.0113	0.000145	0.0049	0.0025	2.94	0.00000754	0.0191	0.00256	0.00489	
2036 Nov	4390	1.85	6.59	0.117	1560	0.643	1290	0.000142	0.000142	0.0000084	0.0214	0.019	1.1	0.0997	0.0000229	286	0.000198	0.0299	0.00113	0.00512	0.0361	0.0000856	53.3	153	0.423	0.017	1020	0.0939	0.0122	0.000142	0.00481	0.00245	2.89	0.00000744	0.0188	0.00252	0.00482	
2036 Dec	4300	1.81	6.46	0.114	1520	0.631	1270	0.00016	0.00016	0.00000833	0.0211	0.0186	1.08	0.098	0.0000225	280	0.000194	0.0292	0.00111	0.00503	0.0363	0.0000841	52.2	150	0.414	0.0167	1000	0.0919	0.0132	0.00014	0.00471	0.0024	2.83	0.00000733	0.0184	0.00247	0.00475	
2037 Jan	4290	1.81	6.43	0.114	1520	0.628	1260	0.000163	0.000163	0.00000832	0.021	0.0185	1.08	0.0977	0.0000225	279	0.000193	0.0291	0.00111	0.00502	0.0365	0.0000838	52	150	0.413	0.0166	997	0.0916	0.0134	0.00014	0.0047	0.00239	2.82	0.00000731	0.0183	0.00247	0.00473	
2037 Feb	4280	1.81	6.42	0.114	1520	0.627	1260	0.000165	0.000165	0.00000831	0.021	0.0185	1.08	0.0977	0.0000225	279	0.000193	0.0291	0.00111	0.00501	0.0368	0.0000837	52	149	0.412	0.0166	995	0.0914	0.0135	0.000142	0.00469	0.00239	2.82	0.0000073	0.0183	0.00247	0.00473	
2037 Mar	4280	1.8	6.42	0.114	1510	0.627	1260	0.000166	0.000166	0.00000831	0.021	0.0185	1.08	0.0977	0.0000224	279	0.000193	0.0291	0.00111	0.00501	0.037	0.0000836	51.9	149	0.412	0.0166	995	0.0914	0.0135	0.000143	0.00469	0.00239	2.81	0.0000073	0.0183	0.00247	0.00473	
2037 Apr	4280	1.8	6.42	0.114	1520	0.627	1260	0.000167	0.000167	0.00000832	0.021	0.0185	1.08	0.0978	0.0000225	279	0.000193	0.0291	0.00111	0.00501	0.0371

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2039 Dec	2250	0.861	3.03	0.0541	718	0.382	746	0.000576	0.000576	0.0000073	0.0154	0.0115	0.64	0.0676	0.0000157	173	0.000122	0.0173	0.000779	0.00336	0.0527	0.0000542	31.3	89.3	0.264	0.00986	470	0.0546	0.0308	0.000258	0.00286	0.00145	1.71	0.00000527	0.0108	0.00176	0.00366	
2040 Jan	2250	0.861	3.03	0.0541	718	0.382	746	0.000576	0.000576	0.0000073	0.0154	0.0115	0.64	0.0676	0.0000157	173	0.000122	0.0173	0.000779	0.00336	0.0527	0.0000542	31.3	89.3	0.264	0.00986	470	0.0546	0.0308	0.000258	0.00286	0.00145	1.71	0.00000527	0.0108	0.00176	0.00366	
2040 Feb	2250	0.861	3.03	0.0541	718	0.382	746	0.000575	0.000575	0.0000073	0.0154	0.0115	0.64	0.0676	0.0000157	173	0.000122	0.0173	0.000779	0.00336	0.0527	0.0000542	31.3	89.3	0.264	0.00986	470	0.0546	0.0308	0.000258	0.00286	0.00145	1.71	0.00000527	0.0108	0.00176	0.00366	
2040 Mar	2250	0.861	3.03	0.0541	718	0.382	746	0.000576	0.000576	0.0000073	0.0155	0.0115	0.64	0.0676	0.0000157	173	0.000122	0.0173	0.000779	0.00336	0.0528	0.0000542	31.3	89.4	0.264	0.00986	470	0.0546	0.0308	0.000258	0.00286	0.00145	1.71	0.00000527	0.0108	0.00176	0.00366	
2040 Apr	2250	0.862	3.03	0.0541	719	0.382	747	0.000576	0.000576	0.0000073	0.0155	0.0115	0.641	0.0677	0.0000157	173	0.000122	0.0173	0.00078	0.00337	0.0528	0.0000543	31.3	89.4	0.264	0.00987	471	0.0547	0.0308	0.000259	0.00287	0.00145	1.71	0.00000527	0.0109	0.00177	0.00366	
2040 May	2240	0.858	3.01	0.0538	715	0.381	744	0.000582	0.000582	0.0000732	0.0155	0.0115	0.638	0.0678	0.0000156	173	0.000122	0.0172	0.000784	0.00337	0.0538	0.0000541	31.2	89.1	0.264	0.00983	468	0.0545	0.0312	0.000268	0.00286	0.00144	1.7	0.00000527	0.0108	0.00177	0.00367	
2040 Jun	1780	0.684	2.37	0.0425	565	0.305	588	0.000673	0.000673	0.00000684	0.0137	0.00937	0.505	0.0604	0.0000134	142	0.000101	0.0137	0.000721	0.00288	0.0622	0.0000448	25	71	0.226	0.00778	369	0.0433	0.0361	0.00036	0.0023	0.00116	1.37	0.00000458	0.00853	0.00162	0.0033	
2040 Jul	1850	0.705	2.45	0.0438	583	0.32	619	0.000665	0.000665	0.00000699	0.0141	0.00981	0.532	0.0624	0.0000139	148	0.000106	0.0144	0.000742	0.00299	0.0619	0.0000468	26.2	74.7	0.235	0.00819	381	0.0455	0.0357	0.000354	0.00242	0.00122	1.44	0.00000474	0.00899	0.00167	0.0034	
2040 Aug	1960	0.738	2.57	0.046	611	0.341	663	0.000648	0.000648	0.00000717	0.0147	0.0104	0.569	0.0652	0.0000146	157	0.000112	0.0154	0.000773	0.00314	0.0616	0.0000495	28	79.9	0.248	0.00877	400	0.0487	0.035	0.000351	0.00258	0.0013	1.54	0.00000495	0.00963	0.00174	0.00353	
2040 Sep	2050	0.763	2.66	0.0476	633	0.36	701	0.000625	0.000625	0.00000728	0.0151	0.011	0.602	0.0675	0.0000151	165	0.000117	0.0163	0.000797	0.00327	0.0606	0.0000517	29.6	84.3	0.259	0.00927	414	0.0514	0.0339	0.000341	0.00271	0.00137	1.62	0.00000512	0.0102	0.0018	0.00362	
2040 Oct	2080	0.772	2.69	0.0481	641	0.366	714	0.000618	0.000618	0.00000732	0.0153	0.0111	0.613	0.0683	0.0000153	168	0.000119	0.0166	0.000806	0.00331	0.0603	0.0000525	30.1	85.9	0.263	0.00944	419	0.0524	0.0336	0.000338	0.00276	0.00139	1.65	0.00000518	0.0104	0.00181	0.00365	
2040 Nov	2090	0.775	2.7	0.0483	643	0.368	719	0.000616	0.000616	0.00000734	0.0153	0.0112	0.617	0.0686	0.0000154	169	0.00012	0.0167	0.000809	0.00333	0.0602	0.0000528	30.3	86.4	0.264	0.0095	421	0.0527	0.0335	0.000337	0.00278	0.0014	1.66	0.0000052	0.0104	0.00182	0.00367	
2040 Dec	2090	0.776	2.7	0.0484	643	0.368	719	0.000615	0.000615	0.00000734	0.0154	0.0112	0.617	0.0686	0.0000154	169	0.00012	0.0167	0.000809	0.00333	0.0601	0.0000528	30.3	86.5	0.264	0.00951	421	0.0527	0.0335	0.000337	0.00278	0.0014	1.66	0.0000052	0.0104	0.00182	0.00367	
2041 Jan	2090	0.776	2.7	0.0484	644	0.369	720	0.000615	0.000615	0.00000734	0.0154	0.0112	0.617	0.0686	0.0000154	169	0.00012	0.0167	0.000809	0.00333	0.0601	0.0000528	30.3	86.5	0.264	0.00951	421	0.0528	0.0335	0.000337	0.00278	0.0014	1.66	0.0000052	0.0105	0.00182	0.00367	
2041 Feb	2090	0.776	2.7	0.0484	644	0.369	720	0.000615	0.000615	0.00000734	0.0154	0.0112	0.617	0.0686	0.0000154	169	0.00012	0.0167	0.000809	0.00333	0.0602	0.0000529	30.3	86.5	0.265	0.00951	421	0.0528	0.0335	0.000337	0.00278	0.0014	1.66	0.0000052	0.0105	0.00182	0.00367	
2041 Mar	2090	0.776	2.7	0.0484	644	0.369	720	0.000615	0.000615	0.00000734	0.0154	0.0112	0.617	0.0686	0.0000154	169	0.00012	0.0167	0.000809	0.00333	0.0602	0.0000529	30.3	86.5	0.265	0.00951	421	0.0528	0.0335	0.000337	0.00278	0.0014	1.66	0.0000052	0.0105	0.00182	0.00367	
2041 Apr	2090	0.776	2.71	0.0484	644	0.369	720	0.000615	0.000615	0.00000734	0.0154	0.0112	0.618	0.0687	0.0000154	169	0.00012	0.0167	0.00081	0.00333	0.0602	0.0000529	30.3	86.6	0.265	0.00952	421	0.0528	0.0335	0.000337	0.00278	0.00141	1.66	0.0000052	0.0105	0.00182	0.00367	
2041 May	2150	0.789	2.75	0.0492	655	0.381	745	0.000599	0.000599	0.00000741	0.0156	0.0116	0.639	0.0702	0.0000157	174	0.000123	0.0173	0.000826	0.00341	0.0596	0.0000543	31.3	89.4	0.272	0.00984	428	0.0546	0.0328	0.000333	0.00287	0.00145	1.71	0.00000531	0.0108	0.00186	0.00373	
2041 Jun	1820	0.658	2.3	0.0412	547	0.329	638	0.00065	0.00065	0.00000703	0.0145	0.00999	0.549	0.061	0.0000142	150	0.000109	0.0148	0.000711	0.00299	0.0553	0.0000479	26.9	76.7	0.233	0.00844	357	0.0469	0.034	0.000284	0.00249	0.00125	1.47	0.00000482	0.00927	0.00165	0.0035	
2041 Jul	1630	0.587	2.05	0.0368	488	0.299	576	0.000688	0.000688	0.00000685	0.0138	0.0091	0.496	0.0559	0.0000133	136	0.000101	0.0134	0.000647	0.00275	0.0534	0.0000443	24.4	69.4	0.211	0.00763	319	0.0424	0.0351	0.000259	0.00227	0.00113	1.33	0.00000455	0.00838	0.00154	0.00338	
2041 Aug	1730	0.614	2.14	0.0385	510	0.317	615	0.000678	0.000678	0.00000703	0.0143	0.00965	0.529	0.0586	0.0000139	145	0.000106	0.0143	0.000678	0.00289	0.0537	0.0000467	26	73.9	0.224	0.00813	334	0.0452	0.0347	0.00026	0.00242	0.0012	1.42	0.00000475	0.00894	0.0016	0.0035	
2041 Sep	1830	0.642	2.25	0.0403	535	0.339	661	0.000651	0.000651	0.00000717	0.0149	0.0103	0.568	0.0616	0.0000146	154	0.000113	0.0153	0.000711	0.00305	0.0531	0.0000494	27.8	79.3	0.237	0.00873	350	0.0485	0.0335	0.000256	0.00258	0.00129	1.52	0.00000495	0.0096	0.00167	0.00361	
2041 Oct	1880	0.657	2.3	0.0412	547	0.352	687	0.000631	0.000631	0.00000723	0.0151	0.0106	0.59	0.0632	0.0000149	160	0.000116	0.0159	0.000728	0.00313	0.0525	0.0000509	28.9	82.3	0.245	0.00907	358	0.0503	0.0328	0.000251	0.00267	0.00133	1.57	0.00000505	0.00998	0.00171	0.00366	
2041 Nov	1900	0.661	2.31	0.0415	550	0.355	693	0.000627	0.000627	0.00000725	0.0152	0.0107	0.596	0.0636	0.000015	161	0.000117	0.0161	0.000733	0.00316	0.0523	0.0000513	29.1	83.1	0.247	0.00916	360	0.0508	0.0326	0.00025	0.0027	0.00135	1.59	0.00000508	0.0101	0.00172	0.00367	
2041 Dec	1900	0.662	2.32	0.0415	551	0.356	695	0.000626	0.000626	0.00000725	0.0152	0.0108	0.597	0.0637	0.000015	162	0.000117	0.0161	0.000734	0.00316	0.0523	0.0000514	29.2	83.3	0.247	0.00918	360	0.0509	0.0326	0.00025	0.0027	0.00135	1.59	0.00000509	0.0101	0.00172	0.00367	
2042 Jan	1900	0.662	2.32	0.0415	551	0.356	695	0.000626	0.000626	0.00000725	0.0152	0.0108	0.597	0.0637	0.000015	162	0.000117	0.0161	0.000734	0.00316	0.0523	0.0000514	29.2	83.3	0.247	0.00918	360	0.0509	0.0326	0.00025	0.0027	0.00135	1.59	0.00000509	0.0101	0.00172	0.00367	
2042 Feb	1900	0.662	2.32	0.0415	551	0.356	695	0.000626	0.000626	0.00000725	0.0152	0.0108	0.597	0.0637	0.000015	162	0.000117	0.0161	0.000734	0.00316	0.0523	0.0000514	29.2	83.3	0.247	0.00918	360	0.0509	0.0326	0.00025	0.0027	0.00135	1.59	0.00000509	0.0101	0.00172	0.00367	
2042 Mar	1900	0.662	2.32	0.0415	551	0.356	695	0.000626	0.000626	0.00000725	0.0152	0.0108	0.597	0.0637	0.000015	162	0.000117	0.0161	0.000734	0.00316	0.0524	0.0000514	29.2	83.3	0.248	0.00918	360	0.051	0.0326	0.00025	0.0027	0.00135	1.59	0.00000509	0.0101	0.00172	0.00367	
2042 Apr	1910	0.663	2.32	0.0416	552	0.357	697	0.000626	0.000626	0.00000726	0.0153	0.0108	0.599	0.0639	0.0000151	162	0.000117	0.0162	0.000736	0.00317	0.0524	0.0000515	29.3	83.5	0.248	0.0092	361	0.0511	0.0326	0.000251	0.00271	0.00135	1.6	0.0000051	0.0101	0.00172	0.00368	
2042 May	1930	0.669	2.34	0.042	557	0.361	705	0.000627	0.000627	0.00000731	0.0154	0.0109	0.606	0.0645	0.0000152	164	0.000119	0.0164	0.000743	0.0032	0.0527	0.0000521	29.6	84.5	0.251	0.00931	364	0.0517	0.0326	0.000252	0.00274	0.00137	1.62	0.00000515	0.0102	0.00174	0.00371	
2042 Jun	1670	0.577	2.02	0.0363	480	0.315	609	0.000681	0.000681	0.00000702	0.0143	0.00954	0.525	0.0573	0.0000138	143	0.000106	0.0142	0.000656	0.00285	0.0512	0.0000464	25.7	73.2	0.219	0.00806	314	0.0448	0.0345	0.000232	0.0024	0.00119	1.4	0.00000472	0.00886	0.00157	0.0035	
2042 Jul	1590	0.543	1.9	0.0342	452	0.305	588	0.000694	0.000694	0.00000695	0.0141	0.00923	0.507	0.0554	0.0000135	138	0.000103	0.0137	0.000631	0.00277	0.0502	0.0000451	24.8	70.6	0.211	0.00778	295	0.0432	0.0348	0.000219	0.00232	0.00115	1.35	0.00000463	0.00855	0.00152	0.00345	
2042 Aug	1650	0.548	1.92	0.0345	456	0.323	625	0.000664	0.000664	0.00000702	0.0143	0.00973	0.538	0.0575	0.000014	146	0.000107	0.0145	0.000651	0.00289	0.0485	0.0000472	26.3	74.9	0.22	0.00827	298	0.0458	0.0332	0.000204	0.00244	0.00121	1.43	0.00000477	0.00908	0.00154	0.00347	
2042 Sep	1700	0.559	1.95	0.0352	465	0.338	654	0.000642	0.000642	0.00000709	0.0146	0.0101	0.563	0.0594	0.0000144	152	0.00011	0.0152	0.00067	0.00299	0.0476	0.0000489	27.5	78.3	0.229	0.00866	304	0.048	0.0322	0.000196	0.00254	0.00127	1.5	0.00000489	0.00951	0.00157	0.00351	
2042 Oct	1740	0.569	1.98	0.0357	472	0.348	675	0.000625	0.000625	0.00000713	0.0148	0.0104	0.58	0.0607	0.0000147	156	0.000113	0.0157	0.000684	0.00306	0.0471	0.0000501	28.3	80.8	0.235	0.00894	309	0.0495	0.0316	0.000192	0.00261	0.00131	1.54	0.00000498	0.00981	0.0016	0.00354	
2042 Nov	1750	0.572	1.99	0.0358	475	0.351	681	0.000621	0.000621	0.00000714	0.0149	0.0105	0.585	0.061	0.0000148	157	0.000114	0.0158	0.000688	0.00308	0.0471	0.0000504	28.6	81.4	0.237	0.00901	310	0.0499	0.0315	0.000191	0.00263	0.00132	1.55	0.000005	0.00989	0.00161	0.00355	
2042 Dec	1760	0.572	2	0.0359	475	0.351	682	0.00062	0.00062	0.00000714	0.0149	0.0105	0.586	0.0611	0.0000148	158	0.000114	0.0158	0.000689	0.00308	0.047	0.0000505	28.6	81.5	0.237	0.00902	311	0.0499	0.0315	0.000191	0.00263	0.00132	1.56	0.000005	0.00991	0.00161	0.00356	
2043 Jan	1760	0.572	2	0.0359	475	0.351	682	0.00062	0.00062	0.00000714	0.0149	0.0105	0.586	0.0611	0.0000148	158	0.000114	0.0158	0.000689	0.00309	0.047	0.0000505	28.6	81.6	0.237	0.00903	311	0.0499	0.0314	0.000191	0.00264	0.00132	1.56	0.000005	0.00991	0.00161	0.00356	
2043 Feb	1760	0.572	2	0.0359	475	0.351	682	0.00062	0.00062	0.00000714	0.0149	0.0105	0.586	0.0611	0.0000148	158	0.000114	0.0158	0.00069	0.00309	0.0471	0.0000505	28.6	81.6	0.237	0.00903	311	0.0499	0.0315	0.000191	0.00264	0.00132	1.56	0.000005	0.00991	0.00161	0.00356	
2043 Mar	1760	0.572	2	0.0359	475	0.351	682	0.00062	0.00062	0.00000714	0.0149	0.0105	0.586	0.0611	0.0000148	158	0.000114	0.0158	0.00069	0.00309	0.0471	0.0000505	28.6	81.6	0.237	0.00903	311	0.0499	0.0315	0.000191	0.00264	0.00132	1.56	0.000005	0.00991	0.00161	0.00356	
2043 Apr	1760	0.573	2	0.0359	475	0.352	683	0.000621	0.000621	0.00000715	0.0149	0.0105	0.587	0.0612	0.0000148	158	0.000114	0.0158	0.000691	0.00309	0.0472	0.0000505	28.6	81.7	0.237	0.00904	311	0.05	0.0315	0.000192	0.00264	0.00132	1.56	0.0000501	0.00992	0.00161	0.00356	
2043 May	1760	0.573	2	0.0359	475	0.352	683	0.000627	0.000627	0.00000718	0.015	0.0106	0.587	0.0616	0.0000148	158	0.000114	0.0159	0.000696	0.0031	0.048	0.0000506	28.7	81.8	0.238	0.00905	311	0.0501	0.0319	0.000199	0.00264	0.00132	1.56	0.0000502	0.00993	0.00162	0.00357	
2043 Jun	1440	0.472	1.61	0.0292	387	0.289	555	0.000701	0.000701	0.00000679	0.0135	0.00884	0.478	0.056	0.000013	133	0.0000968	0.0129	0.000654	0.00271	0.0564	0.000043	23.6	66.9	0.208	0.00736	252	0.0409	0.0361	0.000291	0.00219	0.00109	1.29	0.00000446	0.00806	0.00152	0.00327	
2043 Jul	1500	0.485	1.66	0.03	398	0.303	583	0.000699	0.000699	0.00000695	0.0139	0.00925	0.502	0.0579	0.0000135	139	0.000101	0.0136	0.000675	0.00282	0.0566	0.0000448	24.7	70.3	0.217	0.00774	259	0.0429	0.036	0.000288	0.00229	0.00115	1.35	0.00000461	0.00848	0.00156	0.00336	
2043 Aug	1580	0.504	1.73	0.0312	414	0.322	622	0.000686	0.000686	0.00000712	0.0144	0.0098	0.535	0.0605	0.0000141	148	0.000107	0.0145	0.000704	0.00296	0.0565	0.0000472	26.3	74.9	0.229	0.00825	270	0.0457	0.0355	0.000286	0.00243	0.00122	1.44	0.0000048	0.00904	0.00162	0.00348	
2043 Sep	1680	0.525	1.81	0.0326	433	0.346	672	0.000652	0.000652	0.00000724	0.0149	0.0105	0.578	0.0636	0.0000148	158	0.000113	0.0156	0.000737	0.00312	0.0553	0.0000501	28.3	80.7	0.244	0.0089	283	0.0493	0.034	0.000278	0.00261	0.00131	1.55	0.00000501	0.00977	0.0017	0.00359	
2043 Oct	1710	0.53	1.83	0.0328	436	0.356	692	0.000632	0.000632	0.00000726	0.0152	0.0108	0.595	0.0646	0.0000015	162	0.000116	0.0161	0.000746	0.00319	0.0541	0.0000512	29.1	83	0.248	0.00917	284	0.0507	0.0333	0.000265	0.00268	0.00135	1.59	0.00000508	0.0101	0.00171	0.0036	
2043 Nov	1690	0.524	1.79	0.0323	429	0.354	686	0.000631	0.000631	0.00000722	0.0151	0.0107	0.589	0.064	0.0000149	160	0.000115	0.0159	0.000737	0.00317	0.0535	0.0000508	28.9	82.3	0.246	0.0091	280	0.0503	0.0335	0.000255	0.00265	0.00133	1.58	0.00000505	0.00997	0.00168	0.00356	
2043 Dec	1690	0.524	1.79	0.0323	428	0.353	685	0.000631	0.000631	0.00000721	0.0151	0.0106	0.589	0.0639	0.0000149	160	0.000115	0.0159	0.000736	0.00316	0.0535	0.0000508	28.8	82.2	0.245	0.00909	279	0.0502	0.0335	0.000255	0.00264	0.00133	1.57	0.00000504	0.00995	0.00168	0.00355	
2044 Jan	1680	0.523	1.79	0.0322	428	0.353	685	0.000631	0.000631	0.00000721	0.0151	0.0106	0.588	0.0639	0.0000149	160	0.000115	0.0159	0.000736	0.00316	0.0535	0.0000507	28.8	82.2	0.245	0.00908	279	0.0502	0.0335	0.000255	0.00264	0.00133	1.57	0.00000504	0.00995	0.00168	0.00355	
2044 Feb	1680	0.523	1.79	0.0322	428	0.353	685	0.000631	0.000631	0.00000721	0.0151	0.0106	0.588	0.0639	0.0000149	160	0.000115	0.0159	0.000736	0.00316	0.0535	0.0000507	28.8	82.2	0.245	0.00908	279	0.0502	0.0335	0.000255	0.00264	0.00133	1.57	0.00000504	0.00995	0.00168	0.00355	
2044 Mar	1680	0.523	1.79	0.0322	428	0.353	685	0.000632	0.000632	0.00000721	0.0151	0.0106	0.588	0.064	0.0000149	160	0.000115	0.0159	0.000736	0.00316	0.0536	0.0000507	28.8	82.2	0.245	0.00908	279	0.0502	0.0335	0.000255	0.00264	0.00133	1.57	0.00000504	0.00995	0.00168	0.00355	
2044 Apr	1690	0.524	1.79	0.0323	428	0.353	685	0.000632	0.000632	0.00000722	0.0151	0.0106	0.589	0.064	0.0000149	160	0.000115	0.0159	0.000737	0.00317	0.0536	0.0000508	28.8	82.2	0.245	0.00909	279	0.0502	0.0336	0.000256	0.00264	0.00133	1.57	0.00000504	0.00995	0.00168	0.00355	
2044 May	1690	0.526	1.8	0.0324	430	0.355	689	0.000635	0.000635	0.00000725	0.0152	0.0107	0.592	0.0643	0.000015	161	0.000115	0.016	0.000741	0.00318	0.0539	0.000051	29	82.6	0.247	0.00913	281	0.0505	0.0337	0.000257	0.00266	0.00134	1.58	0.00000507	0.01	0.00169	0.00357	
2044 Jun	1400	0.431	1.47	0.0266	352	0.297	570	0.000695	0.000695	0.00000685	0.0138	0.009	0.491	0.0551	0.0000132	135	0.0000993	0.0133	0.00063	0.00273	0.0516	0.0000439	24.1	68.6	0.207	0.00757	230	0.0419	0.0355	0.000231	0.00224	0.00112	1.32	0.00000453	0.00829	0.00149	0.00332	
2044 Jul	1390	0.423	1.44	0.0262	346	0.296	567	0.000709	0.000709	0.0000069	0.0139	0.00896	0.489	0.0548	0.0000132	134	0.0000993	0.0132	0.000625	0.00272	0.0516	0.0000439	24	68.2	0.205	0.00753	225	0.0417	0.036	0.000227	0.00223	0.00111	1.31	0.00000455	0.00825	0.00149	0.00335	
2044 Aug	1440	0.436	1.49	0.027	356	0.308	591	0.000713	0.000713	0.00000707	0.0143	0.00932	0.51	0.0567	0.0000137	140	0.000103	0.0138	0.000646	0.00282	0.0523	0.0000455	25	71.1	0.213	0.00785	232	0.0435	0.0362	0.00023	0.00232	0.00116	1.36	0.00000469	0.0086	0.00153	0.00344	
2044 Sep	1470	0.439	1.5	0.0272	359	0.319	613	0.000693	0.000693	0.0000071	0.0145	0.00961	0.528	0.0579	0.0000144	144	0.000105	0.0142	0.000658	0.00289	0.0512	0.0000467	25.9	73.6	0.219	0.00814	234	0.045	0.0353	0.00022	0.00239	0.0012	1.41	0.00000477	0.00891	0.00155	0.00345	
2044 Oct	1510	0.448	1.53	0.0276	366	0.33	637	0.000673	0.000673	0.00000713	0.0147	0.00993	0

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2047 Jun	1140	0.279	0.912	0.0167	221	0.28	540	0.000684	0.000684	0.00000661	0.0133	0.00866	0.465	0.0564	0.0000126	131	0.0000954	0.0126	0.000674	0.00267	0.0602	0.0000418	23	65.3	0.21	0.00716	143	0.0398	0.0363	0.000344	0.00214	0.00107	1.26	0.00000434	0.00784	0.00156	0.00323	
2047 Jul	1190	0.288	0.943	0.0172	229	0.292	564	0.000686	0.000686	0.00000677	0.0137	0.00901	0.486	0.0583	0.0000131	136	0.0000991	0.0132	0.000695	0.00277	0.0607	0.0000434	24	68.3	0.217	0.00748	148	0.0416	0.0365	0.000346	0.00223	0.00111	1.32	0.00000448	0.0082	0.00161	0.00332	
2047 Aug	1240	0.297	0.978	0.0178	237	0.306	593	0.000682	0.000682	0.00000692	0.0141	0.00943	0.51	0.0603	0.0000135	143	0.000103	0.0138	0.000718	0.00287	0.061	0.0000453	25.2	71.7	0.227	0.00786	153	0.0437	0.0363	0.000346	0.00234	0.00117	1.38	0.00000463	0.00862	0.00166	0.00341	
2047 Sep	1320	0.309	1.02	0.0186	247	0.328	639	0.000648	0.000648	0.00000702	0.0145	0.0101	0.549	0.0629	0.0000142	152	0.000109	0.0149	0.000745	0.00302	0.0594	0.0000479	27	77	0.239	0.00846	160	0.047	0.0348	0.000333	0.0025	0.00125	1.48	0.00000482	0.00929	0.00171	0.00351	
2047 Oct	1390	0.319	1.06	0.0192	255	0.348	679	0.000611	0.000611	0.00000708	0.0149	0.0106	0.583	0.065	0.0000147	160	0.000115	0.0158	0.000766	0.00315	0.0574	0.0000502	28.6	81.7	0.25	0.00899	166	0.0498	0.0332	0.000316	0.00264	0.00133	1.57	0.00000497	0.00987	0.00175	0.00357	
2047 Nov	1400	0.32	1.06	0.0193	256	0.351	687	0.000603	0.000603	0.00000708	0.015	0.0107	0.589	0.0653	0.0000148	161	0.000116	0.0159	0.000767	0.00317	0.0567	0.0000506	28.9	82.5	0.251	0.00909	166	0.0503	0.0329	0.000308	0.00266	0.00134	1.58	0.00000499	0.00997	0.00175	0.00357	
2047 Dec	1410	0.321	1.06	0.0193	256	0.352	688	0.000601	0.000601	0.00000708	0.015	0.0107	0.591	0.0653	0.0000148	162	0.000116	0.016	0.000768	0.00317	0.0566	0.0000507	29	82.7	0.252	0.00911	166	0.0505	0.0328	0.000307	0.00267	0.00134	1.59	0.000005	0.01	0.00176	0.00357	
2048 Jan	1410	0.321	1.06	0.0193	256	0.352	688	0.000601	0.000601	0.00000708	0.015	0.0107	0.591	0.0654	0.0000148	162	0.000116	0.016	0.000768	0.00318	0.0566	0.0000507	29	82.7	0.252	0.00911	166	0.0505	0.0328	0.000307	0.00267	0.00134	1.59	0.000005	0.01	0.00176	0.00357	
2048 Feb	1410	0.321	1.06	0.0193	256	0.352	688	0.000601	0.000601	0.00000708	0.015	0.0107	0.591	0.0654	0.0000148	162	0.000116	0.016	0.000768	0.00318	0.0566	0.0000507	29	82.7	0.252	0.00911	166	0.0505	0.0328	0.000307	0.00267	0.00134	1.59	0.000005	0.01	0.00176	0.00357	
2048 Mar	1410	0.321	1.06	0.0193	256	0.352	688	0.000601	0.000601	0.00000708	0.015	0.0107	0.591	0.0654	0.0000148	162	0.000116	0.016	0.000768	0.00317	0.0567	0.0000507	29	82.7	0.252	0.00911	166	0.0505	0.0328	0.000307	0.00267	0.00134	1.59	0.000005	0.01	0.00176	0.00357	
2048 Apr	1410	0.321	1.06	0.0193	257	0.353	689	0.000602	0.000602	0.00000709	0.015	0.0107	0.592	0.0655	0.0000148	162	0.000116	0.016	0.000769	0.00318	0.0568	0.0000507	29	82.8	0.252	0.00912	166	0.0505	0.0329	0.000308	0.00267	0.00134	1.59	0.000005	0.01	0.00176	0.00357	
2048 May	1410	0.323	1.07	0.0194	258	0.354	692	0.000605	0.000605	0.00000713	0.0151	0.0108	0.594	0.0658	0.0000149	163	0.000116	0.0161	0.000773	0.00319	0.057	0.000051	29.2	83.2	0.254	0.00916	167	0.0508	0.033	0.000309	0.00268	0.00135	1.6	0.00000503	0.0101	0.00177	0.00359	
2048 Jun	1130	0.258	0.848	0.0156	205	0.286	551	0.000686	0.000686	0.00000669	0.0136	0.00874	0.475	0.0545	0.0000129	131	0.0000973	0.0128	0.000634	0.00266	0.0537	0.0000426	23.4	66.4	0.205	0.00731	133	0.0406	0.0355	0.000265	0.00218	0.00108	1.28	0.00000441	0.00801	0.00151	0.00329	
2048 Jul	976	0.22	0.723	0.0134	176	0.249	475	0.000738	0.000738	0.0000065	0.0128	0.00765	0.41	0.0484	0.0000118	114	0.0000871	0.0111	0.000557	0.00238	0.0519	0.0000381	20.2	57.3	0.178	0.0063	114	0.0351	0.0371	0.000239	0.00191	0.000938	1.11	0.00000409	0.0069	0.00137	0.00314	
2048 Aug	1060	0.232	0.765	0.0141	185	0.272	521	0.000714	0.000714	0.00000665	0.0133	0.00829	0.45	0.0514	0.0000125	124	0.0000932	0.0121	0.00059	0.00254	0.0512	0.0000409	22.1	62.7	0.192	0.00691	120	0.0384	0.0359	0.000233	0.00207	0.00102	1.21	0.0000043	0.00757	0.00143	0.00325	
2048 Sep	1140	0.244	0.812	0.0149	196	0.297	573	0.000676	0.000676	0.00000677	0.0138	0.009	0.494	0.0546	0.0000132	135	0.0001	0.0133	0.000626	0.00271	0.05	0.0000439	24.2	68.8	0.207	0.00759	127	0.0421	0.0343	0.000226	0.00226	0.00112	1.32	0.00000451	0.00833	0.0015	0.00335	
2048 Oct	1210	0.254	0.845	0.0155	204	0.315	611	0.000643	0.000643	0.00000684	0.0142	0.00953	0.526	0.057	0.0000137	143	0.000105	0.0142	0.000651	0.00283	0.0491	0.0000461	25.8	73.3	0.218	0.00809	132	0.0449	0.0329	0.000219	0.00239	0.00119	1.4	0.00000466	0.00888	0.00155	0.00342	
2048 Nov	1230	0.256	0.853	0.0156	206	0.32	621	0.000635	0.000635	0.00000686	0.0143	0.00967	0.535	0.0576	0.0000138	145	0.000106	0.0144	0.000658	0.00287	0.0488	0.0000467	26.2	74.5	0.221	0.00823	134	0.0456	0.0326	0.000217	0.00243	0.00121	1.43	0.0000047	0.00903	0.00156	0.00343	
2048 Dec	1230	0.256	0.853	0.0156	206	0.32	621	0.000635	0.000635	0.00000686	0.0143	0.00967	0.535	0.0576	0.0000138	145	0.000106	0.0144	0.000658	0.00287	0.0488	0.0000467	26.2	74.5	0.221	0.00823	134	0.0456	0.0326	0.000217	0.00243	0.00121	1.43	0.0000047	0.00903	0.00156	0.00343	
2049 Jan	1230	0.256	0.853	0.0156	206	0.32	621	0.000635	0.000635	0.00000686	0.0143	0.00966	0.534	0.0576	0.0000138	145	0.000106	0.0144	0.000658	0.00287	0.0488	0.0000467	26.2	74.5	0.221	0.00823	134	0.0456	0.0326	0.000217	0.00243	0.00121	1.43	0.0000047	0.00903	0.00156	0.00343	
2049 Feb	1230	0.256	0.853	0.0156	206	0.32	621	0.000635	0.000635	0.00000685	0.0143	0.00966	0.534	0.0576	0.0000138	145	0.000106	0.0144	0.000658	0.00287	0.0488	0.0000467	26.1	74.5	0.221	0.00822	133	0.0456	0.0326	0.000217	0.00243	0.00121	1.43	0.0000047	0.00902	0.00156	0.00343	
2049 Mar	1230	0.256	0.853	0.0156	206	0.32	621	0.000635	0.000635	0.00000686	0.0143	0.00966	0.534	0.0576	0.0000138	145	0.000106	0.0144	0.000658	0.00287	0.0489	0.0000467	26.1	74.5	0.221	0.00822	134	0.0456	0.0327	0.000217	0.00243	0.00121	1.43	0.0000047	0.00903	0.00156	0.00343	
2049 Apr	1230	0.257	0.854	0.0156	206	0.32	622	0.000636	0.000636	0.00000686	0.0143	0.00967	0.535	0.0577	0.0000138	145	0.000107	0.0144	0.000659	0.00287	0.049	0.0000467	26.2	74.6	0.221	0.00823	134	0.0456	0.0327	0.000218	0.00243	0.00121	1.43	0.0000047	0.00903	0.00156	0.00343	
2049 May	1230	0.258	0.858	0.0157	207	0.322	625	0.000639	0.000639	0.0000069	0.0144	0.00973	0.538	0.058	0.0000139	146	0.000107	0.0145	0.000663	0.00289	0.0492	0.000047	26.3	75	0.223	0.00828	134	0.0459	0.0329	0.000219	0.00244	0.00122	1.44	0.00000473	0.00909	0.00157	0.00345	
2049 Jun	977	0.203	0.671	0.0125	163	0.258	492	0.000715	0.000715	0.00000649	0.0129	0.00784	0.426	0.0479	0.0000112	117	0.0000891	0.0115	0.000541	0.0024	0.0473	0.0000391	20.9	59.3	0.178	0.00654	105	0.0363	0.0353	0.000192	0.00197	0.000966	1.14	0.00000414	0.00716	0.00134	0.00316	
2049 Jul	943	0.192	0.635	0.0119	154	0.251	478	0.000728	0.000728	0.00000647	0.0128	0.00763	0.414	0.0466	0.0000118	114	0.0000874	0.0111	0.000525	0.00234	0.0468	0.0000383	20.3	57.6	0.173	0.00635	99.8	0.0353	0.0357	0.000184	0.00192	0.000939	1.11	0.00000409	0.00696	0.00132	0.00315	
2049 Aug	997	0.2	0.665	0.0124	161	0.266	508	0.000725	0.000725	0.0000063	0.0132	0.00807	0.439	0.0489	0.0000123	120	0.0000918	0.0118	0.00055	0.00246	0.0473	0.0000402	21.6	61.1	0.183	0.00674	104	0.0375	0.0356	0.000187	0.00203	0.000996	1.17	0.00000425	0.00739	0.00137	0.00325	
2049 Sep	1080	0.211	0.702	0.013	170	0.289	556	0.000689	0.000689	0.00000674	0.0137	0.00873	0.48	0.052	0.000013	130	0.0000982	0.0129	0.000585	0.00262	0.0466	0.000043	23.5	66.7	0.197	0.00737	110	0.0409	0.0343	0.000183	0.0022	0.00108	1.28	0.00000445	0.00809	0.00144	0.00334	
2049 Oct	1140	0.219	0.728	0.0135	176	0.306	592	0.000658	0.000658	0.0000068	0.0141	0.00922	0.51	0.0543	0.0000134	138	0.000103	0.0138	0.000611	0.00274	0.0458	0.000045	24.9	71	0.208	0.00785	114	0.0435	0.0331	0.000178	0.00233	0.00115	1.36	0.00000458	0.00861	0.00149	0.0034	
2049 Nov	1170	0.224	0.743	0.0137	179	0.316	613	0.000639	0.000639	0.00000683	0.0143	0.00951	0.528	0.0556	0.0000137	142	0.000106	0.0142	0.000625	0.00281	0.0454	0.0000462	25.8	73.4	0.214	0.00812	116	0.045	0.0324	0.000175	0.0024	0.00119	1.4	0.00000466	0.00891	0.00151	0.00342	
2049 Dec	1170	0.224	0.744	0.0137	180	0.317	615	0.000638	0.000638	0.00000683	0.0143	0.00953	0.529	0.0557	0.0000137	143	0.000106	0.0143	0.000626	0.00282	0.0453	0.0000463	25.8	73.6	0.214	0.00814	117	0.0451	0.0323	0.000175	0.0024	0.00119	1.41	0.00000467	0.00894	0.00151	0.00343	
2050 Jan	1170	0.224	0.744	0.0137	180	0.317	614	0.000638	0.000638	0.00000683	0.0143	0.00953	0.529	0.0557	0.0000137	143	0.000106	0.0143	0.000627	0.00282	0.0453	0.0000463	25.8	73.6	0.214	0.00814	117	0.0451	0.0323	0.000175	0.0024	0.00119	1.41	0.00000467	0.00894	0.00151	0.00343	
2050 Feb	1170	0.224	0.744	0.0137	179	0.317	614	0.000638	0.000638	0.00000683	0.0143	0.00953	0.529	0.0557	0.0000137	143	0.000106	0.0143	0.000627	0.00282	0.0454	0.0000463	25.8	73.6	0.214	0.00814	116	0.0451	0.0324	0.000175	0.0024	0.00119	1.4	0.00000467	0.00893	0.00151	0.00342	
2050 Mar	1170	0.224	0.743	0.0137	179	0.317	614	0.000638	0.000638	0.00000683	0.0143	0.00953	0.529	0.0557	0.0000137	143	0.000106	0.0143	0.000627	0.00282	0.0454	0.0000463	25.8	73.5	0.214	0.00814	116	0.0451	0.0324	0.000176	0.0024	0.00119	1.4	0.00000467	0.00893	0.00151	0.00342	
2050 Apr	1170	0.224	0.744	0.0137	180	0.317	615	0.000639	0.000639	0.00000684	0.0143	0.00953	0.529	0.0557	0.0000137	143	0.000106	0.0143	0.000628	0.00282	0.0455	0.0000463	25.8	73.6	0.215	0.00814	117	0.0451	0.0324	0.000176	0.0024	0.00119	1.41	0.00000467	0.00894	0.00152	0.00343	
2050 May	1180	0.225	0.747	0.0138	180	0.319	617	0.000641	0.000641	0.00000686	0.0143	0.00958	0.532	0.056	0.0000138	143	0.000106	0.0143	0.00063	0.00283	0.0457	0.0000465	26	73.9	0.216	0.00818	117	0.0453	0.0325	0.000177	0.0024	0.0012	1.41	0.00000469	0.00895	0.00152	0.00344	
2050 Jun	1010	0.193	0.635	0.0118	154	0.275	527	0.000696	0.000696	0.0000066	0.0133	0.0083	0.455	0.0496	0.0000125	124	0.0000894	0.0123	0.000556	0.00251	0.0456	0.0000412	22.3	63.3	0.187	0.00699	99.8	0.0388	0.0345	0.000171	0.00209	0.00103	1.21	0.00000433	0.00767	0.00138	0.00325	
2050 Jul	961	0.181	0.596	0.0112	145	0.263	503	0.000714	0.000714	0.00000655	0.0131	0.00796	0.435	0.0478	0.0000122	118	0.0000907	0.0117	0.000533	0.00242	0.0453	0.0000398	21.3	60.4	0.179	0.00667	93.7	0.0371	0.0351	0.000166	0.00201	0.000983	1.16	0.0000042	0.00732	0.00134	0.0032	
2050 Aug	1010	0.187	0.619	0.0116	150	0.278	533	0.000705	0.000705	0.00000668	0.0135	0.00839	0.46	0.0499	0.0000126	125	0.0000949	0.0124	0.000557	0.00253	0.0455	0.0000416	22.5	63.9	0.188	0.00706	97.2	0.0392	0.0347	0.000167	0.00212	0.00104	1.22	0.00000435	0.00775	0.00138	0.00329	
2050 Sep	1070	0.194	0.643	0.012	156	0.294	567	0.000682	0.000682	0.00000677	0.0138	0.00886	0.489	0.0521	0.0000131	132	0.0000995	0.0132	0.000583	0.00265	0.0452	0.0000436	23.9	67.9	0.199	0.00751	101	0.0417	0.0339	0.000166	0.00224	0.0011	1.3	0.00000449	0.00824	0.00144	0.00336	
2050 Oct	1100	0.198	0.656	0.0122	159	0.303	585	0.00067	0.00067	0.00000682	0.014	0.00912	0.505	0.0534	0.0000134	136	0.000102	0.0136	0.000597	0.00271	0.045	0.0000447	24.7	70.1	0.204	0.00776	103	0.043	0.0334	0.000166	0.0023	0.00114	1.34	0.00000457	0.00851	0.00146	0.0034	
2050 Nov	1120	0.2	0.664	0.0123	160	0.308	596	0.000661	0.000661	0.00000684	0.0141	0.00927	0.514	0.0541	0.0000135	138	0.000103	0.0138	0.000605	0.00275	0.0449	0.0000453	25.1	71.4	0.208	0.00789	104	0.0438	0.033	0.000165	0.00234	0.00116	1.36	0.00000461	0.00867	0.00148	0.00342	
2050 Dec	1120	0.2	0.665	0.0123	161	0.309	597	0.00066	0.00066	0.00000684	0.0142	0.00929	0.515	0.0542	0.0000135	139	0.000104	0.0139	0.000606	0.00275	0.0449	0.0000454	25.1	71.5	0.208	0.00791	104	0.0439	0.033	0.000165	0.00235	0.00116	1.37	0.00000462	0.00869	0.00148	0.00342	
2051 Jan	1120	0.2	0.665	0.0123	161	0.309	598	0.00066	0.00066	0.00000684	0.0142	0.0093	0.515	0.0542	0.0000135	139	0.000104	0.0139	0.000607	0.00276	0.0449	0.0000454	25.2	71.6	0.208	0.00792	104	0.0439	0.0329	0.000165	0.00235	0.00116	1.37	0.00000462	0.0087	0.00148	0.00342	
2051 Feb	1120	0.2	0.665	0.0123	161	0.309	598	0.00066	0.00066	0.00000684	0.0142	0.0093	0.515	0.0542	0.0000135	139	0.000104	0.0139	0.000607	0.00276	0.0449	0.0000454	25.2	71.6	0.208	0.00792	104	0.0439	0.033	0.000166	0.00235	0.00116	1.37	0.00000462	0.0087	0.00148	0.00342	
2051 Mar	1120	0.2	0.665	0.0123	161	0.309	598	0.00066	0.00066	0.00000684	0.0142	0.0093	0.515	0.0542	0.0000135	139	0.000104	0.0139	0.000607	0.00276	0.0449	0.0000454	25.2	71.6	0.208	0.00792	104	0.0439	0.033	0.000166	0.00235	0.00116	1.37	0.00000462	0.0087	0.00148	0.00342	
2051 Apr	1120	0.2	0.666	0.0124	161	0.31	599	0.000661	0.000661	0.00000685	0.0142	0.00931	0.516	0.0543	0.0000136	139	0.000104	0.0139	0.000608	0.00276	0.045	0.0000455	25.2	71.7	0.209	0.00793	104	0.044	0.033	0.000166	0.00235	0.00116	1.37	0.00000463	0.00871	0.00149	0.00343	
2051 May	1150	0.203	0.674	0.0125	163	0.319	618	0.000647	0.000647	0.0000069	0.0144	0.00958	0.532	0.0558	0.0000138	143	0.000107	0.0144	0.000626	0.00283	0.0453	0.0000466	26	74	0.215	0.00818	106	0.0453	0.0325	0.000172	0.00242	0.0012	1.41	0.00000471	0.00898	0.00152	0.00347	
2051 Jun	984	0.164	0.531	0.00995	130	0.278	537	0.00066	0.00066	0.00000648	0.0131	0.00847	0.462	0.052	0.0000125	127	0.0000948	0.0125	0.000601	0.00256	0.0498	0.0000414	22.7	64.6	0.197	0.0071	83.7	0.0395	0.0335	0.000236	0.00213	0.00105	1.24	0.00000428	0.0078	0.00145	0.00322	
2051 Jul	982	0.162	0.524	0.00984	128	0.278	537	0.000671	0.000671	0.00000653	0.0132	0.00847	0.463	0.0518	0.0000125	127	0.0000951	0.0125	0.000597	0.00256	0.0495	0.0000415	22.7	64.6	0.196	0.0071	82.6	0.0395	0.0339	0.000223	0.00213	0.00105	1.24	0.0000043	0.0078	0.00145	0.00325	
2051 Aug	1020	0.166	0.539	0.0101	132	0.29	561	0.000663	0.000663	0.00000664	0.0135	0.00882	0.484	0.0535	0.0000129	132	0.0000983	0.0131	0.000614	0.00265	0.0492	0.000043	23.7	67.5	0.203	0.00743	84.9	0.0413	0.0334	0.000225	0.00222	0.0011	1.29	0.00000442	0.00816	0.00148	0.0033	
2051 Sep	1050	0.17	0.545	0.0102	133	0.299	578	0.00065	0.00065	0.00000668	0.0137	0.00906	0.498	0.0545	0.0000131	136	0.0001	0.0134	0.000623	0.00271	0.0486	0.000044	24.4	69.5	0.208	0.00767	85.9	0.0425	0.0332	0.000216	0.00227	0.00113	1.33	0.00000449	0.00841	0.00149	0.00331	
2051 Oct	1040	0.173	0.531	0.00994	130	0.3	578	0.000636	0.000636	0.0000066	0.0137	0.00904	0.498	0.0543	0.0000131	136	0.0000995	0.0134	0.000614	0.00272	0.0472	0.0000439	24.4	69.4	0.205	0.00769	83.7	0.0424	0.0333	0.000194	0.00225	0.00113	1.33	0.00000446	0.0084	0.00145	0.00321	
2051 Nov	1060	0.175	0.537	0.01	132	0.306	589	0.000627	0.000627	0.00000662	0.0138	0.00919	0.507	0.0549	0.0000132	138	0.000101	0.0137	0.000621	0.00276	0.0468	0.0000445	24.8	70.6	0.208	0.00783	84.7	0.0432	0.0329	0.000191	0.00229	0.00115	1.35	0.0000045	0.00856	0.00146	0.00323	
2051 Dec	1060	0.175	0.539	0.0101	132	0.307	591	0.000624	0.000624	0.00000662	0.0138	0.00922	0.509	0.0551	0.0000132	138	0.000101	0.0137	0.000623	0.00276	0.0468	0.0000446	24.9	70.9	0.209	0.00787	84.9	0.0434	0.0328	0.000191	0.0023	0.00115	1.36	0.00000451	0.0086	0.00146	0.00323	
2052 Jan	1060	0.175	0.538	0.0101	132	0.307	591	0.000625	0.000625	0.00000662	0.0138	0.00922	0.509	0.0551	0.0000132	138	0.000101	0.0137	0.000623	0.00276	0.0468	0.0000446	24.9	70.9	0.209	0.00786	84.9	0.0434	0.0329	0.000191	0.0023	0.00115	1.36	0.00000451	0.00859	0.00146	0.00323	
2052 Feb	1060	0.175	0.538	0.0101	132	0.307	591	0.000625	0.000625	0.00000662	0.0138	0.00922	0.509	0.0551	0.0000132	138	0.000101	0.0137	0.000623	0.00276	0.0468	0.0000446	24.9	70.9	0.209	0.00786	84.9	0.0434	0.0329	0.000191	0.0023	0.00115	1.36	0.00000451	0.00859	0.00146	0.00323	
2052 Mar	1060	0.175	0.538	0.0101	132	0.307	591	0.000625	0.000625	0.00000663	0.0138	0.00922	0.509	0.0551	0.0000132	138	0.000101	0.0137	0.000624	0.00277	0.0469	0.0000446	24.9	70.9	0.209	0.00786	84.9	0.0434	0.0329	0.000191	0.0023	0.00115	1.36	0.00000451	0.00859	0.00146	0.00323	
2052 Apr	1060	0.176	0.539	0.0101	132	0.307	591	0.000625	0.000625

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2054 Dec	1220	0.154	0.472	0.00877	117	0.369	724	0.000542	0.000542	0.000007	0.0151	0.0112	0.621	0.0674	0.0000151	169	0.00012	0.0168	0.000794	0.00328	0.0551	0.0000524	30.4	86.8	0.263	0.00956	74.6	0.053	0.03	0.000309	0.00278	0.00141	1.66	0.00000508	0.0105	0.00179	0.00357	
2055 Jan	1220	0.154	0.472	0.00877	117	0.369	724	0.000542	0.000542	0.000007	0.0151	0.0112	0.62	0.0674	0.0000151	169	0.000119	0.0168	0.000794	0.00328	0.0551	0.0000524	30.4	86.8	0.263	0.00956	74.6	0.053	0.03	0.000308	0.00278	0.00141	1.66	0.00000508	0.0105	0.00179	0.00357	
2055 Feb	1220	0.154	0.471	0.00877	117	0.368	723	0.000542	0.000542	0.000007	0.015	0.0112	0.62	0.0674	0.0000151	169	0.000119	0.0168	0.000794	0.00328	0.0552	0.0000524	30.4	86.8	0.263	0.00956	74.6	0.0529	0.0301	0.000309	0.00278	0.00141	1.66	0.00000507	0.0105	0.00179	0.00357	
2055 Mar	1220	0.154	0.471	0.00876	117	0.368	723	0.000542	0.000542	0.000007	0.015	0.0112	0.62	0.0674	0.0000151	169	0.000119	0.0168	0.000794	0.00328	0.0552	0.0000524	30.4	86.8	0.263	0.00956	74.6	0.0529	0.0301	0.000309	0.00278	0.00141	1.66	0.00000507	0.0105	0.00179	0.00357	
2055 Apr	1220	0.154	0.472	0.00877	117	0.369	724	0.000543	0.000543	0.000007	0.0151	0.0112	0.621	0.0675	0.0000151	169	0.00012	0.0168	0.000795	0.00328	0.0553	0.0000524	30.4	86.9	0.263	0.00956	74.6	0.053	0.0301	0.000309	0.00278	0.00141	1.66	0.00000508	0.0105	0.00179	0.00357	
2055 May	1230	0.155	0.474	0.00881	117	0.37	727	0.000545	0.000545	0.00000703	0.0151	0.0112	0.623	0.0678	0.0000152	170	0.00012	0.0169	0.000798	0.00329	0.0555	0.0000526	30.5	87.2	0.264	0.00961	74.9	0.0532	0.0302	0.000311	0.0028	0.00141	1.67	0.0000051	0.0106	0.0018	0.00358	
2055 Jun	990	0.121	0.37	0.00705	92	0.302	586	0.000623	0.000623	0.00000659	0.0136	0.00918	0.504	0.0559	0.0000131	138	0.000101	0.0136	0.000649	0.00274	0.0507	0.0000442	24.7	70.4	0.214	0.00775	58.7	0.043	0.0323	0.000251	0.0023	0.00114	1.35	0.00000448	0.00852	0.00153	0.00329	
2055 Jul	926	0.113	0.343	0.00662	85.7	0.283	547	0.00066	0.00066	0.00000654	0.0133	0.00863	0.471	0.0529	0.0000127	129	0.0000961	0.0127	0.000611	0.00261	0.0502	0.0000421	23.2	65.8	0.2	0.00724	54.6	0.0403	0.0336	0.000239	0.00216	0.00107	1.26	0.00000434	0.00795	0.00146	0.00324	
2055 Aug	961	0.116	0.353	0.0068	88.1	0.294	570	0.000658	0.000658	0.00000667	0.0136	0.00896	0.491	0.0546	0.000013	134	0.0000994	0.0133	0.00063	0.00269	0.0506	0.0000435	24.1	68.5	0.207	0.00754	56.2	0.0419	0.0336	0.00024	0.00225	0.00111	1.31	0.00000446	0.00828	0.00151	0.00332	
2055 Sep	1000	0.118	0.362	0.00694	90.1	0.307	595	0.000642	0.000642	0.00000673	0.0139	0.00931	0.512	0.0562	0.0000134	140	0.000103	0.0138	0.000647	0.00278	0.0501	0.000045	25.1	71.5	0.215	0.00787	57.5	0.0437	0.0329	0.000236	0.00234	0.00116	1.37	0.00000457	0.00865	0.00154	0.00337	
2055 Oct	1030	0.12	0.369	0.00705	91.5	0.315	612	0.000629	0.000629	0.00000677	0.0141	0.00955	0.527	0.0573	0.0000136	143	0.000105	0.0142	0.000659	0.00284	0.0497	0.000046	25.8	73.5	0.22	0.0081	58.5	0.045	0.0323	0.000234	0.0024	0.00119	1.41	0.00000464	0.0089	0.00156	0.0034	
2055 Nov	1040	0.121	0.373	0.00711	92.4	0.32	624	0.000619	0.000619	0.00000679	0.0142	0.0097	0.536	0.058	0.0000138	146	0.000107	0.0145	0.000667	0.00287	0.0494	0.0000467	26.3	74.8	0.223	0.00825	59.1	0.0458	0.0319	0.000232	0.00244	0.00121	1.43	0.00000468	0.00907	0.00158	0.00343	
2055 Dec	1050	0.121	0.374	0.00713	92.8	0.322	628	0.000615	0.000615	0.0000068	0.0142	0.00976	0.54	0.0582	0.0000138	147	0.000107	0.0146	0.00067	0.00289	0.0493	0.0000469	26.4	75.3	0.225	0.0083	59.3	0.0461	0.0317	0.000231	0.00245	0.00122	1.44	0.0000047	0.00913	0.00158	0.00343	
2056 Jan	1050	0.121	0.374	0.00713	92.7	0.322	628	0.000615	0.000615	0.0000068	0.0142	0.00976	0.54	0.0582	0.0000138	147	0.000107	0.0146	0.00067	0.00289	0.0493	0.0000469	26.4	75.3	0.225	0.0083	59.3	0.0461	0.0318	0.000231	0.00245	0.00122	1.44	0.0000047	0.00913	0.00158	0.00343	
2056 Feb	1050	0.121	0.374	0.00713	92.7	0.322	628	0.000615	0.000615	0.0000068	0.0142	0.00976	0.54	0.0582	0.0000138	147	0.000107	0.0146	0.00067	0.00289	0.0494	0.0000469	26.4	75.3	0.225	0.0083	59.3	0.0461	0.0318	0.000232	0.00245	0.00122	1.44	0.00000469	0.00912	0.00159	0.00343	
2056 Mar	1050	0.121	0.374	0.00713	92.7	0.322	628	0.000616	0.000616	0.0000068	0.0142	0.00975	0.54	0.0582	0.0000138	147	0.000107	0.0146	0.00067	0.00289	0.0494	0.0000469	26.4	75.3	0.225	0.0083	59.3	0.0461	0.0318	0.000232	0.00245	0.00122	1.44	0.00000469	0.00912	0.00159	0.00343	
2056 Apr	1050	0.121	0.374	0.00714	92.8	0.323	628	0.000616	0.000616	0.0000068	0.0142	0.00976	0.54	0.0583	0.0000138	147	0.000107	0.0146	0.000671	0.00289	0.0495	0.0000469	26.4	75.4	0.225	0.00831	59.3	0.0461	0.0318	0.000232	0.00245	0.00122	1.44	0.0000047	0.00913	0.00159	0.00343	
2056 May	1020	0.12	0.361	0.00691	90.2	0.312	606	0.000635	0.000635	0.00000676	0.014	0.00948	0.521	0.0579	0.0000135	143	0.000104	0.0141	0.000674	0.00284	0.0525	0.0000456	25.6	72.8	0.221	0.00801	57.5	0.0445	0.033	0.000264	0.00237	0.00118	1.4	0.00000461	0.0088	0.00158	0.00338	
2056 Jun	835	0.109	0.294	0.00573	76.4	0.255	489	0.000707	0.000707	0.00000642	0.0126	0.008	0.421	0.0548	0.0000119	122	0.0000882	0.0114	0.00067	0.00253	0.0649	0.0000387	21	59.6	0.2	0.00649	47.4	0.0362	0.0378	0.0004	0.00196	0.000979	1.16	0.0000041	0.0071	0.00153	0.00308	
2056 Jul	875	0.111	0.303	0.00589	78.5	0.268	516	0.000702	0.000702	0.00000656	0.0129	0.00838	0.444	0.0566	0.0000123	127	0.000092	0.012	0.000689	0.00263	0.0649	0.0000404	22.1	62.7	0.208	0.00684	48.9	0.0381	0.0376	0.000397	0.00205	0.00103	1.22	0.00000424	0.00749	0.00157	0.00317	
2056 Aug	920	0.113	0.312	0.00605	80.6	0.283	546	0.000689	0.000689	0.00000667	0.0133	0.00879	0.47	0.0584	0.0000128	133	0.0000961	0.0127	0.000707	0.00273	0.0641	0.0000422	23.3	66.2	0.216	0.00723	50.3	0.0403	0.037	0.000388	0.00216	0.00108	1.28	0.00000438	0.00793	0.00161	0.00324	
2056 Sep	967	0.116	0.323	0.00623	82.9	0.298	577	0.000671	0.000671	0.00000677	0.0136	0.00922	0.496	0.0602	0.0000132	140	0.0001	0.0135	0.000726	0.00283	0.0633	0.0000441	24.6	69.9	0.225	0.00765	51.9	0.0425	0.0361	0.00038	0.00227	0.00114	1.35	0.00000452	0.00838	0.00165	0.00332	
2056 Oct	1020	0.118	0.333	0.00639	85	0.316	614	0.000635	0.000635	0.00000681	0.014	0.00972	0.528	0.0621	0.0000137	147	0.000105	0.0143	0.000745	0.00294	0.0613	0.0000462	26.1	74.2	0.235	0.00813	53.4	0.0452	0.0344	0.000364	0.0024	0.00121	1.43	0.00000466	0.00892	0.00169	0.00338	
2056 Nov	1040	0.118	0.335	0.00641	85.4	0.32	624	0.000625	0.000625	0.00000682	0.0141	0.00984	0.536	0.0625	0.0000138	149	0.000106	0.0145	0.000748	0.00297	0.0606	0.0000467	26.4	75.3	0.237	0.00826	53.7	0.0458	0.034	0.000357	0.00244	0.00123	1.45	0.00000469	0.00906	0.0017	0.00339	
2056 Dec	1040	0.119	0.336	0.00642	85.5	0.322	626	0.000623	0.000623	0.00000682	0.0141	0.00987	0.538	0.0626	0.0000138	150	0.000107	0.0146	0.000749	0.00298	0.0604	0.0000468	26.5	75.6	0.238	0.00829	53.8	0.046	0.0339	0.000356	0.00244	0.00123	1.46	0.0000047	0.0091	0.0017	0.00339	
2057 Jan	1040	0.119	0.336	0.00642	85.5	0.322	626	0.000623	0.000623	0.00000682	0.0141	0.00987	0.538	0.0626	0.0000138	150	0.000107	0.0146	0.000749	0.00298	0.0604	0.0000468	26.5	75.5	0.238	0.00829	53.8	0.046	0.0339	0.000356	0.00244	0.00123	1.46	0.0000047	0.00909	0.0017	0.00339	
2057 Feb	1040	0.119	0.336	0.00642	85.5	0.321	626	0.000623	0.000623	0.00000682	0.0141	0.00987	0.538	0.0626	0.0000138	150	0.000107	0.0146	0.000749	0.00298	0.0605	0.0000468	26.5	75.5	0.238	0.00828	53.8	0.046	0.0339	0.000356	0.00244	0.00123	1.46	0.0000047	0.00909	0.0017	0.00339	
2057 Mar	1040	0.119	0.336	0.00642	85.5	0.321	626	0.000623	0.000623	0.00000682	0.0141	0.00987	0.538	0.0626	0.0000138	150	0.000107	0.0146	0.000749	0.00298	0.0605	0.0000468	26.5	75.5	0.238	0.00829	53.8	0.046	0.0339	0.000356	0.00244	0.00123	1.46	0.0000047	0.00909	0.0017	0.00339	
2057 Apr	1040	0.119	0.336	0.00643	85.6	0.322	627	0.000624	0.000624	0.00000683	0.0141	0.00988	0.538	0.0627	0.0000138	150	0.000107	0.0146	0.00075	0.00298	0.0606	0.0000469	26.5	75.6	0.238	0.00829	53.8	0.0461	0.034	0.000357	0.00245	0.00123	1.46	0.0000047	0.0091	0.0017	0.0034	
2057 May	1040	0.119	0.337	0.00645	85.9	0.323	630	0.000627	0.000627	0.00000686	0.0142	0.00993	0.541	0.063	0.0000139	151	0.000107	0.0147	0.000755	0.003	0.061	0.0000471	26.7	76	0.239	0.00833	54.1	0.0463	0.0342	0.00036	0.00246	0.00124	1.46	0.00000472	0.00915	0.00171	0.00341	
2057 Jun	837	0.0997	0.267	0.00528	69.7	0.26	499	0.000705	0.000705	0.00000647	0.0127	0.0081	0.43	0.0542	0.000012	123	0.0000896	0.0117	0.000654	0.00254	0.0618	0.0000394	21.4	60.6	0.199	0.00662	43.3	0.0369	0.0372	0.000362	0.00199	0.000994	1.18	0.00000416	0.00725	0.00151	0.00312	
2057 Jul	859	0.0997	0.27	0.00533	70.2	0.268	515	0.000705	0.000705	0.00000657	0.013	0.00832	0.443	0.0551	0.0000123	126	0.000092	0.012	0.000661	0.00259	0.0614	0.0000404	22	62.4	0.203	0.00682	43.7	0.038	0.0371	0.000355	0.00205	0.00102	1.21	0.00000424	0.00747	0.00153	0.00318	
2057 Aug	909	0.103	0.282	0.00553	72.9	0.284	548	0.0007	0.0007	0.00000674	0.0135	0.00879	0.471	0.0574	0.0000129	133	0.0000969	0.0128	0.000688	0.00271	0.0617	0.0000425	23.3	66.3	0.213	0.00726	45.5	0.0404	0.037	0.000356	0.00217	0.00108	1.28	0.00000442	0.00796	0.00159	0.00329	
2057 Sep	985	0.105	0.296	0.00575	75.9	0.308	599	0.000661	0.000661	0.00000685	0.014	0.00949	0.515	0.0604	0.0000135	143	0.000104	0.0139	0.00072	0.00288	0.0601	0.0000454	25.4	72.3	0.228	0.00792	47.6	0.0441	0.0352	0.000345	0.00236	0.00118	1.39	0.00000462	0.0087	0.00166	0.0034	
2057 Oct	1060	0.108	0.308	0.00594	78.4	0.331	647	0.000615	0.000615	0.00000691	0.0144	0.0101	0.556	0.0629	0.0000141	153	0.00011	0.015	0.000746	0.00302	0.0578	0.0000481	27.3	77.9	0.241	0.00855	49.4	0.0475	0.0331	0.000328	0.00253	0.00127	1.5	0.0000048	0.0094	0.00171	0.00348	
2057 Nov	1060	0.108	0.309	0.00595	78.6	0.334	654	0.000608	0.000608	0.00000691	0.0145	0.0102	0.561	0.0632	0.0000142	155	0.000111	0.0152	0.000748	0.00304	0.0574	0.0000485	27.6	78.7	0.243	0.00864	49.5	0.048	0.0328	0.000324	0.00255	0.00128	1.51	0.00000482	0.0095	0.00172	0.00349	
2057 Dec	1070	0.108	0.31	0.00596	78.7	0.335	655	0.000606	0.000606	0.00000691	0.0145	0.0102	0.563	0.0633	0.0000142	155	0.000111	0.0152	0.000749	0.00305	0.0573	0.0000486	27.7	78.9	0.243	0.00866	49.6	0.0481	0.0327	0.000323	0.00255	0.00128	1.51	0.00000483	0.00952	0.00172	0.00349	
2058 Jan	1070	0.108	0.31	0.00596	78.7	0.336	656	0.000605	0.000605	0.00000691	0.0145	0.0102	0.563	0.0633	0.0000142	155	0.000111	0.0153	0.00075	0.00305	0.0573	0.0000486	27.7	78.9	0.243	0.00867	49.6	0.0482	0.0327	0.000323	0.00256	0.00128	1.52	0.00000483	0.00953	0.00172	0.00349	
2058 Feb	1070	0.108	0.31	0.00596	78.7	0.336	656	0.000605	0.000605	0.00000691	0.0145	0.0102	0.563	0.0633	0.0000142	155	0.000111	0.0153	0.00075	0.00305	0.0573	0.0000486	27.7	79	0.243	0.00867	49.6	0.0482	0.0327	0.000323	0.00256	0.00128	1.52	0.00000483	0.00953	0.00172	0.00349	
2058 Mar	1070	0.108	0.31	0.00595	78.7	0.336	656	0.000605	0.000605	0.00000691	0.0145	0.0103	0.563	0.0633	0.0000142	155	0.000111	0.0153	0.00075	0.00305	0.0573	0.0000486	27.7	79	0.244	0.00867	49.6	0.0482	0.0327	0.000323	0.00256	0.00128	1.52	0.00000483	0.00953	0.00172	0.00349	
2058 Apr	1070	0.108	0.31	0.00596	78.8	0.336	657	0.000606	0.000606	0.00000692	0.0145	0.0103	0.564	0.0634	0.0000143	155	0.000111	0.0153	0.000751	0.00305	0.0574	0.0000487	27.7	79	0.244	0.00868	49.6	0.0482	0.0327	0.000323	0.00256	0.00128	1.52	0.00000483	0.00954	0.00172	0.0035	
2058 May	1080	0.107	0.301	0.00576	76.8	0.34	667	0.000581	0.000581	0.00000686	0.0145	0.0104	0.573	0.0648	0.0000143	158	0.000112	0.0155	0.000774	0.0031	0.0588	0.0000491	28.2	80.3	0.25	0.00881	48.2	0.049	0.0319	0.000349	0.00259	0.00131	1.54	0.00000484	0.00969	0.00176	0.00348	
2058 Jun	905	0.0943	0.23	0.00449	62	0.285	556	0.000612	0.000612	0.00000635	0.0128	0.00897	0.477	0.0617	0.0000125	137	0.0000964	0.013	0.000772	0.00278	0.0699	0.0000421	23.8	67.7	0.23	0.00735	37.7	0.041	0.0349	0.000485	0.00219	0.00111	1.32	0.00000428	0.00807	0.0017	0.00313	
2058 Jul	938	0.0959	0.237	0.00461	63.5	0.296	579	0.00061	0.00061	0.00000647	0.0132	0.00929	0.496	0.0632	0.0000129	142	0.0000997	0.0135	0.000788	0.00287	0.0699	0.0000435	24.7	70.3	0.237	0.00765	38.7	0.0426	0.0348	0.000483	0.00227	0.00115	1.37	0.0000044	0.00839	0.00174	0.0032	
2058 Aug	994	0.0981	0.248	0.00479	65.8	0.314	616	0.000594	0.000594	0.00000661	0.0136	0.00981	0.528	0.0655	0.0000135	150	0.000105	0.0143	0.000812	0.00299	0.0692	0.0000458	26.2	74.7	0.247	0.00813	40.3	0.0453	0.0341	0.000475	0.00241	0.00122	1.45	0.00000458	0.00893	0.00179	0.00331	
2058 Sep	1050	0.0998	0.258	0.00495	67.9	0.333	655	0.000564	0.000564	0.0000067	0.0141	0.0103	0.561	0.0674	0.000014	158	0.00011	0.0152	0.00083	0.00311	0.0671	0.0000481	27.8	79.2	0.257	0.00865	41.8	0.0481	0.0326	0.000455	0.00255	0.00129	1.53	0.00000474	0.00951	0.00184	0.00339	
2058 Oct	1100	0.101	0.265	0.00507	69.3	0.349	687	0.000536	0.000536	0.00000674	0.0144	0.0107	0.588	0.0687	0.0000144	164	0.000114	0.016	0.000841	0.0032	0.0648	0.0000499	29	82.9	0.265	0.00906	42.9	0.0504	0.0312	0.000433	0.00266	0.00135	1.6	0.00000486	0.00997	0.00186	0.00345	
2058 Nov	1100	0.101	0.267	0.00509	69.5	0.351	693	0.000531	0.000531	0.00000676	0.0144	0.0108	0.593	0.069	0.0000145	165	0.000115	0.0161	0.000843	0.00322	0.0644	0.0000502	29.3	83.6	0.266	0.00914	43.1	0.0508	0.0309	0.00043	0.00268	0.00136	1.61	0.00000488	0.0101	0.00186	0.00346	
2058 Dec	1110	0.101	0.267	0.00509	69.6	0.352	694	0.00053	0.00053	0.00000676	0.0144	0.0108	0.594	0.069	0.0000145	165	0.000115	0.0161	0.000843	0.00322	0.0643	0.0000503	29.3	83.7	0.266	0.00915	43.1	0.0509	0.0309	0.000429	0.00268	0.00136	1.61	0.00000488	0.0101	0.00187	0.00346	
2059 Jan	1110	0.101	0.267	0.00509	69.6	0.352	694	0.00053	0.00053	0.00000676	0.0144	0.0108	0.594	0.069	0.0000145	165	0.000115	0.0161	0.000843	0.00322	0.0643	0.0000503	29.3	83.7	0.266	0.00915	43.1	0.0509	0.0309	0.000429	0.00268	0.00136	1.61	0.00000488	0.0101	0.00187	0.00346	
2059 Feb	1110	0.101	0.267	0.00509	69.6	0.352	694	0.00053	0.00053	0.00000676	0.0144	0.0108	0.594	0.069	0.0000145	165	0.000115	0.0161	0.000843	0.00322	0.0643	0.0000503	29.3	83.7	0.266	0.00915	43.1	0.0509	0.0309	0.000429	0.00268	0.00136	1.61	0.00000488	0.0101	0.00187	0.00346	
2059 Mar	1110	0.101	0.267	0.00509	69.6	0.352	694	0.00053	0.00053	0.00000676	0.0144	0.0108	0.594	0.069	0.0000145	165	0.000115	0.0161	0.000843	0.00322	0.0643	0.0000503	29.3	83.7	0.266	0.00915	43.1	0.0509	0.0309	0.000429	0.00268	0.00136	1.61	0.00000488	0.0101	0.00187	0.00346	
2059 Apr	1110	0.101	0.267	0.0051	69.6	0.352	694	0.00053	0.00053	0.00000676	0.0144	0.0108	0.594	0.0691	0.0000145	165	0.000115	0.0161	0.000844	0.00323	0.0644	0.0000503	29.3	83.7	0.267	0.00916	43.1	0.0509	0.0309	0.000429	0.00268	0.00136	1.61	0.00000489	0.0101	0.00187	0.00346	
2059 May	1100	0.101	0.264	0.00504	69.1	0.351	691	0.000534	0.000534	0.00000676	0.0144	0.0108	0.592	0.0692	0.0000145	165	0.000115	0.0161	0.000847	0.00322	0.0652	0.0000501	29.2	83.4	0.267	0.00912	42.7	0.0507	0.0312	0.000438	0.00267	0.00136	1.61	0.00000488	0.01	0.00187	0.00346	
2059 Jun	999	0.0963	0.235	0.00456	63.2	0.317	623	0.000581	0.000581	0.00000659	0.0136	0.00992	0.533	0.0665	0.0000135	152	0.000106	0.0145	0.000828	0.00303	0.0704	0.0000461	26.5	75.5	0.251	0.00822	38.5	0.0458	0.0338	0.000491	0.00243	0.00123	1.46	0.00000459	0.00903	0.00182	0.0033	
2059 Jul	1040	0.0981	0.242	0.00468	64.7	0.329	646	0.000584	0.000584	0.00000674	0.014	0.0103	0.554	0.0683	0.000014	157	0.000109	0.015	0.000848	0.00312	0.071	0.0000477	27.5	78.3	0.259	0.00854	39.5	0.0475	0.034	0.000493	0.00252	0.00128	1.52	0.00000473	0.00938	0.00186	0.00339	
2059 Aug	1070	0.0999	0.249	0.0048	66.3	0.342	672	0.00058	0.00058	0.00000688	0.0144	0.0106	0.575	0.07	0.0000144	163	0.000113	0.0156	0.000868	0.00321	0.0712	0.0000493	28.5	81.3	0.267	0.00887	40.6	0.0494	0.0339	0.000493	0.00261	0.00133	1.57	0.00000486	0.00975	0.00191	0.00347	
2059 Sep	1100	0.101	0.253	0.00486	67.1	0.352	694	0.000566	0.000566	0.00000693	0.0147	0.0109	0.594	0.0711	0.0000147	167	0.000116	0.0161	0.000876

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2062 Jun	882	0.0704	0.153	0.00317	42.3	0.292	566	0.00061	0.00061	0.0000064	0.0131	0.00897	0.486	0.0577	0.0000127	136	0.0000974	0.0132	0.00069	0.00274	0.0577	0.0000428	24	68.3	0.217	0.00751	25.4	0.0416	0.0334	0.000335	0.00221	0.00111	1.32	0.00000434	0.00821	0.00156	0.00313	
2062 Jul	821	0.0644	0.141	0.00299	39.1	0.273	526	0.000646	0.000646	0.0000634	0.0128	0.00839	0.452	0.054	0.0000122	127	0.0000923	0.0122	0.000641	0.00258	0.0558	0.0000405	22.4	63.5	0.201	0.00698	23.5	0.0387	0.0344	0.000308	0.00207	0.00104	1.23	0.00000419	0.00764	0.00148	0.00308	
2062 Aug	869	0.065	0.145	0.00306	40	0.289	559	0.000626	0.000626	0.0000064	0.0132	0.00885	0.481	0.056	0.0000127	134	0.0000967	0.013	0.00066	0.00269	0.0546	0.0000425	23.7	67.5	0.21	0.00742	24.1	0.0411	0.0333	0.000297	0.00219	0.0011	1.3	0.00000433	0.00813	0.00152	0.00315	
2062 Sep	912	0.0661	0.148	0.0031	40.6	0.304	590	0.000598	0.000598	0.0000648	0.0135	0.00926	0.507	0.0575	0.0000131	140	0.000101	0.0137	0.000674	0.00279	0.053	0.0000442	24.9	71	0.218	0.00782	24.6	0.0433	0.0321	0.000281	0.0023	0.00115	1.36	0.00000445	0.00857	0.00154	0.0032	
2062 Oct	889	0.0715	0.139	0.00294	38.6	0.3	577	0.000584	0.000584	0.0000634	0.0133	0.00904	0.496	0.0556	0.0000128	137	0.0000978	0.0134	0.000641	0.00274	0.0494	0.0000433	24.4	69.4	0.209	0.0077	23.2	0.0423	0.0322	0.000232	0.00223	0.00113	1.33	0.00000435	0.00839	0.00145	0.00304	
2062 Nov	894	0.0719	0.139	0.00294	38.6	0.302	581	0.00058	0.00058	0.0000634	0.0134	0.00909	0.499	0.0558	0.0000128	137	0.0000982	0.0135	0.000642	0.00275	0.0491	0.0000435	24.5	69.8	0.21	0.00775	23.3	0.0426	0.0321	0.000229	0.00224	0.00113	1.34	0.00000436	0.00844	0.00145	0.00304	
2062 Dec	899	0.0719	0.14	0.00295	38.7	0.303	584	0.000577	0.000577	0.0000634	0.0134	0.00914	0.502	0.0559	0.0000129	138	0.0000987	0.0136	0.000644	0.00276	0.0489	0.0000437	24.6	70.2	0.211	0.00779	23.3	0.0428	0.0319	0.000228	0.00225	0.00114	1.35	0.00000437	0.00849	0.00146	0.00305	
2063 Jan	901	0.0719	0.14	0.00295	38.8	0.304	585	0.000576	0.000576	0.0000634	0.0134	0.00915	0.503	0.056	0.0000129	138	0.0000988	0.0136	0.000645	0.00276	0.0489	0.0000437	24.7	70.3	0.211	0.00781	23.4	0.0429	0.0319	0.000228	0.00225	0.00114	1.35	0.00000438	0.00851	0.00146	0.00305	
2063 Feb	901	0.0719	0.14	0.00295	38.8	0.304	585	0.000576	0.000576	0.0000634	0.0134	0.00915	0.503	0.056	0.0000129	138	0.0000988	0.0136	0.000645	0.00276	0.049	0.0000437	24.7	70.4	0.211	0.00781	23.4	0.0429	0.0319	0.000228	0.00225	0.00114	1.35	0.00000438	0.00851	0.00146	0.00305	
2063 Mar	901	0.0719	0.14	0.00295	38.8	0.304	585	0.000576	0.000576	0.0000634	0.0134	0.00915	0.503	0.056	0.0000129	138	0.0000988	0.0136	0.000645	0.00277	0.049	0.0000437	24.7	70.3	0.211	0.00781	23.4	0.0429	0.0319	0.000228	0.00225	0.00114	1.35	0.00000438	0.00851	0.00146	0.00305	
2063 Apr	901	0.072	0.14	0.00295	38.8	0.304	586	0.000576	0.000576	0.0000635	0.0134	0.00916	0.503	0.0561	0.0000129	138	0.0000989	0.0136	0.000646	0.00277	0.049	0.0000437	24.7	70.4	0.211	0.00781	23.4	0.043	0.0319	0.000228	0.00225	0.00114	1.35	0.00000438	0.00851	0.00146	0.00305	
2063 May	879	0.0721	0.137	0.0029	38.4	0.296	570	0.000592	0.000592	0.0000633	0.0132	0.00896	0.49	0.0559	0.0000127	136	0.0000968	0.0132	0.000649	0.00273	0.0515	0.0000428	24.1	68.6	0.209	0.0076	22.9	0.0418	0.0329	0.000254	0.0022	0.00111	1.32	0.00000432	0.00828	0.00146	0.00302	
2063 Jun	629	0.0621	0.0981	0.00228	30.6	0.211	396	0.00071	0.00071	0.0000588	0.0113	0.00664	0.342	0.0476	0.0000103	101	0.0000737	0.00927	0.00058	0.00219	0.0616	0.0000327	17.2	48.5	0.167	0.00531	17.3	0.0294	0.0384	0.000363	0.00159	0.0008	0.952	0.00000359	0.00575	0.00131	0.00269	
2063 Jul	653	0.0616	0.1	0.00232	31	0.219	413	0.000707	0.000707	0.0000597	0.0115	0.00688	0.356	0.0485	0.0000106	105	0.0000762	0.00966	0.000588	0.00224	0.061	0.0000338	17.9	50.5	0.171	0.00553	17.6	0.0306	0.0382	0.000356	0.00166	0.000831	0.988	0.00000368	0.006	0.00134	0.00275	
2063 Aug	699	0.0625	0.105	0.0024	32.1	0.235	445	0.000697	0.000697	0.0000611	0.0119	0.00733	0.384	0.0506	0.0000111	111	0.0000809	0.0104	0.000611	0.00236	0.0609	0.0000358	19.2	54.3	0.181	0.00595	18.3	0.033	0.0377	0.000353	0.00178	0.000892	1.06	0.00000384	0.00647	0.00139	0.00284	
2063 Sep	763	0.0626	0.111	0.00248	33	0.257	491	0.00066	0.00066	0.0000662	0.0124	0.00794	0.423	0.0529	0.0000117	120	0.0000867	0.0114	0.000633	0.00249	0.0585	0.0000384	21	59.5	0.193	0.00654	19.1	0.0362	0.0358	0.000333	0.00194	0.00974	1.16	0.00000402	0.00713	0.00143	0.00293	
2063 Oct	822	0.063	0.117	0.00254	33.9	0.277	533	0.00062	0.00062	0.0000625	0.0127	0.00849	0.458	0.055	0.0000122	129	0.0000922	0.0124	0.000654	0.00262	0.0563	0.0000407	22.6	64.4	0.204	0.00709	19.8	0.0392	0.0339	0.000316	0.00208	0.00105	1.24	0.00000417	0.00774	0.00148	0.003	
2063 Nov	832	0.0634	0.117	0.00255	34	0.281	540	0.000613	0.000613	0.0000626	0.0128	0.00859	0.464	0.0553	0.0000123	130	0.0000932	0.0126	0.000656	0.00264	0.0557	0.0000411	22.9	65.2	0.206	0.00719	19.9	0.0397	0.0336	0.00031	0.00211	0.00106	1.26	0.0000042	0.00784	0.00148	0.00301	
2063 Dec	836	0.0635	0.118	0.00255	34.1	0.282	543	0.00061	0.00061	0.0000626	0.0128	0.00863	0.467	0.0555	0.0000123	131	0.0000935	0.0126	0.000658	0.00265	0.0555	0.0000413	23	65.5	0.206	0.00722	20	0.0399	0.0335	0.000308	0.00212	0.00107	1.27	0.00000421	0.00788	0.00148	0.00301	
2064 Jan	839	0.0635	0.118	0.00256	34.1	0.283	545	0.000608	0.000608	0.0000626	0.0129	0.00865	0.468	0.0556	0.0000123	131	0.0000938	0.0127	0.000659	0.00266	0.0555	0.0000414	23.1	65.8	0.207	0.00725	20	0.0401	0.0334	0.000308	0.00212	0.00107	1.27	0.00000422	0.00791	0.00149	0.00301	
2064 Feb	839	0.0635	0.118	0.00256	34.1	0.283	545	0.000608	0.000608	0.0000626	0.0129	0.00866	0.469	0.0556	0.0000123	131	0.0000938	0.0127	0.000659	0.00266	0.0555	0.0000414	23.1	65.8	0.207	0.00725	20	0.0401	0.0334	0.000308	0.00212	0.00107	1.27	0.00000422	0.00792	0.00149	0.00302	
2064 Mar	839	0.0635	0.118	0.00256	34.1	0.283	545	0.000608	0.000608	0.0000627	0.0129	0.00866	0.469	0.0556	0.0000124	131	0.0000939	0.0127	0.00066	0.00266	0.0555	0.0000414	23.1	65.8	0.207	0.00726	20	0.0401	0.0334	0.000308	0.00212	0.00107	1.27	0.00000422	0.00792	0.00149	0.00302	
2064 Apr	840	0.0636	0.118	0.00256	34.2	0.283	546	0.000609	0.000609	0.0000627	0.0129	0.00867	0.469	0.0557	0.0000124	131	0.0000939	0.0127	0.00066	0.00266	0.0556	0.0000414	23.2	65.9	0.207	0.00726	20	0.0401	0.0335	0.000308	0.00213	0.00107	1.27	0.00000422	0.00792	0.00149	0.00302	
2064 May	828	0.0635	0.114	0.00248	33.7	0.278	537	0.000611	0.000611	0.0000623	0.0127	0.00858	0.461	0.0564	0.0000122	130	0.0000927	0.0125	0.000678	0.00265	0.0589	0.0000409	22.8	65	0.209	0.00714	19.5	0.0395	0.0339	0.000349	0.0021	0.00106	1.26	0.00000418	0.00779	0.00152	0.00299	
2064 Jun	722	0.0634	0.0966	0.00216	31.2	0.24	461	0.000652	0.000652	0.0000598	0.0117	0.00765	0.396	0.0557	0.0000111	118	0.0000824	0.0108	0.000703	0.00247	0.0705	0.0000363	19.9	56.5	0.2	0.00614	17.2	0.0341	0.0371	0.000485	0.00183	0.000932	1.11	0.00000384	0.00669	0.00153	0.00281	
2064 Jul	766	0.0639	0.101	0.00223	32.1	0.255	491	0.000643	0.000643	0.0000612	0.0121	0.00807	0.422	0.0576	0.0000116	124	0.0000868	0.0115	0.000723	0.00257	0.0702	0.0000382	21.2	60.1	0.209	0.00653	17.8	0.0363	0.0367	0.00048	0.00194	0.000988	1.18	0.00000399	0.00713	0.00158	0.00291	
2064 Aug	815	0.0637	0.105	0.00229	32.8	0.272	526	0.000624	0.000624	0.0000623	0.0125	0.00854	0.451	0.0594	0.0000121	131	0.0000915	0.0123	0.00074	0.00268	0.0686	0.0000403	22.5	64.1	0.218	0.00698	18.4	0.0388	0.0356	0.000464	0.00207	0.00105	1.25	0.00000414	0.00763	0.00162	0.00299	
2064 Sep	891	0.0625	0.111	0.00236	33.3	0.299	582	0.000572	0.000572	0.0000663	0.013	0.00926	0.499	0.0613	0.0000128	141	0.0000984	0.0135	0.000751	0.00283	0.0633	0.0000434	24.7	70.5	0.23	0.00772	19.1	0.0428	0.0326	0.000414	0.00226	0.00115	1.36	0.00000435	0.00844	0.00164	0.00308	
2064 Oct	959	0.0619	0.116	0.00243	34.1	0.322	631	0.000527	0.000527	0.0000637	0.0134	0.0099	0.54	0.0636	0.0000134	151	0.000105	0.0147	0.000772	0.00298	0.0603	0.0000461	26.7	76.1	0.243	0.00835	19.8	0.0463	0.0304	0.000389	0.00243	0.00124	1.47	0.00000453	0.00915	0.00169	0.00317	
2064 Nov	975	0.0618	0.118	0.00245	34.3	0.328	642	0.000517	0.000517	0.0000638	0.0135	0.0101	0.55	0.0641	0.0000136	153	0.000107	0.0149	0.000777	0.00301	0.0597	0.0000468	27.1	77.5	0.246	0.0085	20	0.0471	0.0299	0.000383	0.00247	0.00126	1.49	0.00000457	0.00932	0.00171	0.00319	
2064 Dec	978	0.0617	0.118	0.00245	34.3	0.328	644	0.000515	0.000515	0.0000639	0.0136	0.0101	0.552	0.0642	0.0000136	154	0.000107	0.015	0.000778	0.00301	0.0595	0.0000469	27.2	77.6	0.246	0.00852	20	0.0472	0.0298	0.000382	0.00248	0.00126	1.5	0.00000458	0.00934	0.00171	0.0032	
2065 Jan	979	0.0617	0.118	0.00246	34.4	0.329	645	0.000514	0.000514	0.0000639	0.0136	0.0101	0.553	0.0642	0.0000136	154	0.000107	0.015	0.000778	0.00302	0.0595	0.0000469	27.2	77.8	0.246	0.00853	20	0.0473	0.0298	0.000382	0.00248	0.00126	1.5	0.00000458	0.00936	0.00171	0.0032	
2065 Feb	980	0.0617	0.118	0.00246	34.4	0.329	645	0.000514	0.000514	0.0000639	0.0136	0.0101	0.553	0.0643	0.0000136	154	0.000107	0.015	0.000778	0.00302	0.0595	0.000047	27.3	77.8	0.246	0.00854	20	0.0473	0.0298	0.000382	0.00248	0.00127	1.5	0.00000458	0.00936	0.00171	0.0032	
2065 Mar	980	0.0618	0.118	0.00246	34.4	0.329	645	0.000514	0.000514	0.0000639	0.0136	0.0101	0.553	0.0643	0.0000136	154	0.000107	0.015	0.000779	0.00302	0.0595	0.000047	27.3	77.8	0.246	0.00854	20	0.0473	0.0298	0.000382	0.00248	0.00127	1.5	0.00000459	0.00937	0.00171	0.0032	
2065 Apr	981	0.0619	0.118	0.00246	34.4	0.33	646	0.000515	0.000515	0.0000642	0.0136	0.0101	0.554	0.0644	0.0000136	154	0.000107	0.015	0.00078	0.00302	0.0596	0.000047	27.3	77.9	0.247	0.00855	20.1	0.0474	0.0298	0.000382	0.00249	0.00127	1.5	0.00000459	0.00938	0.00171	0.00321	
2065 May	1010	0.0612	0.119	0.00245	34.4	0.338	664	0.000497	0.000497	0.0000642	0.0137	0.0104	0.569	0.0655	0.0000138	158	0.00011	0.0154	0.000794	0.00308	0.0593	0.0000481	28	80.1	0.253	0.00879	20.1	0.0487	0.0291	0.000384	0.00255	0.0013	1.54	0.00000466	0.00964	0.00174	0.00324	
2065 Jun	873	0.0573	0.102	0.00222	31.1	0.293	572	0.000566	0.000566	0.0000621	0.0128	0.0091	0.491	0.0601	0.0000126	139	0.0000973	0.0133	0.000737	0.00278	0.0621	0.0000427	24.3	69.3	0.226	0.00757	17.7	0.0421	0.0321	0.000407	0.00223	0.00113	1.34	0.00000428	0.0083	0.00163	0.00307	
2065 Jul	905	0.0574	0.105	0.00227	31.5	0.304	594	0.000568	0.000568	0.0000635	0.0132	0.00941	0.509	0.0615	0.000013	143	0.000101	0.0138	0.000751	0.00286	0.0621	0.0000442	25.2	71.8	0.233	0.00786	18.1	0.0437	0.0321	0.000403	0.00231	0.00117	1.39	0.00000441	0.00862	0.00166	0.00315	
2065 Aug	955	0.0578	0.109	0.00233	32.3	0.321	629	0.000554	0.000554	0.0000649	0.0136	0.0099	0.539	0.0637	0.0000135	151	0.000106	0.0146	0.000774	0.00298	0.0615	0.0000463	26.6	76	0.243	0.00832	18.7	0.0462	0.0314	0.000396	0.00244	0.00124	1.46	0.00000457	0.00913	0.00172	0.00325	
2065 Sep	996	0.0583	0.11	0.00233	32.2	0.336	659	0.00052	0.00052	0.0000065	0.0139	0.0103	0.565	0.0645	0.0000139	156	0.000109	0.0153	0.000775	0.00306	0.0579	0.000048	27.8	79.4	0.248	0.00873	18.8	0.0483	0.0298	0.000358	0.00254	0.00129	1.53	0.00000468	0.00957	0.00172	0.00328	
2065 Oct	992	0.0613	0.107	0.00227	31.1	0.338	659	0.000499	0.000499	0.0000064	0.0139	0.0102	0.565	0.0628	0.0000138	155	0.000109	0.0153	0.000742	0.00304	0.053	0.0000478	27.7	79.3	0.242	0.00875	18.1	0.0483	0.0291	0.000299	0.00252	0.00128	1.52	0.00000463	0.00958	0.00164	0.00318	
2065 Nov	997	0.0617	0.106	0.00226	31	0.34	663	0.000493	0.000493	0.0000064	0.0139	0.0103	0.569	0.0628	0.0000138	156	0.000109	0.0154	0.00074	0.00304	0.0522	0.000048	27.9	79.7	0.242	0.00881	18.1	0.0486	0.0288	0.00029	0.00253	0.00129	1.53	0.00000465	0.00964	0.00163	0.00318	
2065 Dec	998	0.0617	0.106	0.00226	31	0.34	664	0.000493	0.000493	0.0000064	0.0139	0.0103	0.569	0.0628	0.0000138	156	0.000109	0.0154	0.00074	0.00305	0.0521	0.000048	27.9	79.8	0.242	0.00882	18.1	0.0486	0.0288	0.000289	0.00253	0.00129	1.53	0.00000465	0.00964	0.00163	0.00318	
2066 Jan	1000	0.0616	0.107	0.00226	31	0.341	666	0.000491	0.000491	0.0000064	0.0139	0.0103	0.571	0.0629	0.0000138	156	0.000109	0.0154	0.000741	0.00305	0.052	0.0000481	28	80	0.243	0.00884	18.1	0.0487	0.0287	0.000288	0.00254	0.00129	1.53	0.00000465	0.00967	0.00164	0.00318	
2066 Feb	1000	0.0617	0.107	0.00226	31	0.341	666	0.000491	0.000491	0.0000064	0.0139	0.0103	0.571	0.0629	0.0000138	156	0.000109	0.0154	0.000741	0.00305	0.052	0.0000481	28	80	0.243	0.00884	18.1	0.0487	0.0287	0.000288	0.00254	0.00129	1.53	0.00000465	0.00967	0.00164	0.00318	
2066 Mar	1000	0.0617	0.107	0.00226	31	0.341	666	0.000491	0.000491	0.0000064	0.0139	0.0103	0.571	0.063	0.0000139	156	0.000109	0.0155	0.000742	0.00305	0.0521	0.0000481	28	80	0.243	0.00884	18.1	0.0487	0.0288	0.000289	0.00254	0.0013	1.53	0.00000466	0.00967	0.00164	0.00318	
2066 Apr	1000	0.0618	0.107	0.00227	31	0.341	667	0.000492	0.000492	0.0000641	0.014	0.0103	0.571	0.063	0.0000139	157	0.000109	0.0155	0.000742	0.00306	0.0522	0.0000482	28	80.1	0.243	0.00885	18.2	0.0488	0.0288	0.000289	0.00254	0.0013	1.53	0.00000466	0.00968	0.00164	0.00319	
2066 May	1000	0.062	0.107	0.00227	31.1	0.342	668	0.000495	0.000495	0.0000643	0.014	0.0103	0.572	0.0632	0.0000139	157	0.00011	0.0155	0.000745	0.00306	0.0525	0.0000483	28.1	80.2	0.244	0.00886	18.2	0.0489	0.029	0.000292	0.00255	0.0013	1.54	0.00000467	0.00969	0.00164	0.0032	
2066 Jun	756	0.0509	0.0813	0.00193	25.2	0.259	496	0.000625	0.000625	0.0000606	0.0123	0.00794	0.427	0.0513	0.0000116	120	0.0000872	0.0116	0.000607	0.00246	0.0535	0.0000384	21.1	60	0.19	0.0066	14.3	0.0365	0.0337	0.000288	0.00195	0.000979	1.16	0.00000398	0.00721	0.00139	0.0029	
2066 Jul	796	0.0502	0.0837	0.00197	25.5	0.273	525	0.000622	0.000622	0.0000621	0.0127	0.00834	0.451	0.0531	0.0000121	126	0.0000914	0.0122	0.000624	0.00256	0.0531	0.0000402	22.3	63.3	0.198	0.00698	14.6	0.0386	0.0334	0.00028	0.00206	0.00103	1.22	0.00000413	0.00762	0.00144	0.00301	
2066 Aug	849	0.0504	0.0875	0.00203	26.3	0.291	562	0.000605	0.000605	0.0000635	0.0131	0.00886	0.483	0.0555	0.0000126	134	0.0000967	0.0131	0.000651	0.00269	0.0527	0.0000425	23.8	67.7	0.209	0.00746	15.2	0.0413	0.0326	0.000277	0.00219	0.0011	1.3	0.00000431	0.00816	0.00149	0.00311	
2066 Sep	896	0.0508	0.0903	0.00206	26.7	0.307	596	0.000577	0.000577	0.0000641	0.0135	0.00932	0.512	0.0573	0.0000131	141	0.000101	0.0138	0.00067	0.00279	0.0514	0.0000444	25.1	71.6	0.218	0.0079	15.5	0.0437	0.0314	0.000266	0.00231	0.00116	1.38	0.00000444	0.00865	0.00153	0.00317	
2066 Oct	947	0.0512	0.0927	0.00207	27	0.325	633	0.000535	0.000535	0.0000642	0.0138	0.0098	0.543	0.0591	0.0000135	148	0.000106	0.0147	0.000687	0.0029	0.049	0.0000464	26.6	75.9	0.228	0.00839	15.8	0.0464	0.0295	0.000248	0.00244	0.00123	1.45	0.00000456	0.00919	0.00157	0.00321	
2066 Nov	957	0.0516	0.0931	0.00207	27	0.328	640	0.000526	0.000526	0.0000642	0.0138	0.00989	0.549	0.0594	0.0000136	149	0.000107	0.0148	0.000689	0.00292	0.0484	0.0000468	26.9	76.7	0.229	0.00848	15.9	0.0469	0.0292	0.000242	0.00246	0.00124	1.47	0.00000458	0.0093	0.00157	0.00322	
2066 Dec	959	0.0516	0.0932	0.00207	27	0.329	641	0.000525	0.000525	0.0000642	0.0138	0.00991	0.55	0.0595	0.0000136	150	0.000107	0.0149	0.00069	0.00293	0.0483	0.0000469	26.9	76.9	0.23	0.0085	15.9	0.047	0.0291	0.000241	0.00247	0.00125	1.47	0.00000459	0.00932	0.00157	0.00322	
2067 Jan	960	0.0516	0.0932	0.00207	27	0.329	642	0.000524	0.000524	0.0000642	0.0138	0.00992	0.551	0.0595	0.0000136	150	0.000107	0.0149	0.00069	0.00293	0.0483	0.0000469	27	77	0.23	0.00851	15.9	0.047	0.0291	0.000241	0.00247	0.00125	1.47	0.00000459	0.00933	0.00157	0.00322	
2067 Feb	960	0.0517	0.0932	0.00207	27	0.329	642	0.000524	0.000524	0.0000642	0.0138	0.00993	0.551	0.0595	0.0000136	150	0.000107	0.0149	0.000691	0.00293	0.0484	0.0000469	27	77	0.23	0.00852	15.9	0.047	0.0291	0.000241	0.00247	0.00125	1.47	0.00000459	0.00933	0.00157	0.00322	
2067 Mar	960	0.0517	0.0932	0.00207	27	0.329	642	0.000524	0.000524	0.0000643	0.0138	0.00993	0.551	0.0595	0.0000136	150	0.000107	0.0149	0

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2069 Dec	830	0.0499	0.0607	0.00155	20.3	0.289	556	0.00059	0.00059	0.00000624	0.013	0.00876	0.478	0.0548	0.0000124	132	0.0000948	0.0129	0.000638	0.00267	0.0514	0.0000419	23.5	66.9	0.205	0.00741	11.1	0.0408	0.0328	0.000256	0.00215	0.00109	1.29	0.00000424	0.00807	0.00144	0.00298	
2070 Jan	830	0.0499	0.0607	0.00155	20.3	0.289	555	0.00059	0.00059	0.00000624	0.013	0.00876	0.478	0.0548	0.0000124	132	0.0000948	0.0129	0.000638	0.00267	0.0514	0.0000419	23.5	66.9	0.205	0.00741	11.1	0.0408	0.0328	0.000256	0.00215	0.00109	1.29	0.00000424	0.00807	0.00144	0.00298	
2070 Feb	830	0.05	0.0607	0.00155	20.3	0.289	555	0.00059	0.00059	0.00000624	0.013	0.00876	0.477	0.0548	0.0000124	132	0.0000948	0.0129	0.000638	0.00267	0.0514	0.0000419	23.5	66.9	0.205	0.00741	11.1	0.0408	0.0328	0.000257	0.00215	0.00109	1.29	0.00000424	0.00807	0.00144	0.00298	
2070 Mar	830	0.05	0.0607	0.00155	20.3	0.289	555	0.00059	0.00059	0.00000624	0.013	0.00876	0.477	0.0548	0.0000124	132	0.0000948	0.0129	0.000638	0.00267	0.0515	0.0000419	23.5	66.9	0.205	0.00741	11.1	0.0408	0.0328	0.000257	0.00215	0.00109	1.29	0.00000424	0.00807	0.00144	0.00298	
2070 Apr	831	0.0501	0.0608	0.00155	20.4	0.289	556	0.000591	0.000591	0.00000625	0.013	0.00877	0.478	0.0549	0.0000125	133	0.0000949	0.0129	0.000639	0.00268	0.0516	0.0000419	23.5	67	0.205	0.00742	11.1	0.0408	0.0329	0.000257	0.00215	0.00109	1.29	0.00000425	0.00808	0.00144	0.00298	
2070 May	809	0.051	0.0597	0.00154	20.5	0.281	539	0.000608	0.000608	0.00000623	0.0129	0.00857	0.464	0.0548	0.0000123	130	0.0000928	0.0125	0.000644	0.00264	0.0542	0.0000441	22.9	65.1	0.203	0.0072	11.1	0.0397	0.0339	0.000285	0.00209	0.00106	1.26	0.00000419	0.00783	0.00145	0.00296	
2070 Jun	697	0.0535	0.0536	0.00145	20.6	0.24	457	0.000671	0.000671	0.00000605	0.0119	0.00753	0.393	0.053	0.0000111	115	0.0000818	0.0107	0.00065	0.00243	0.0645	0.0000362	19.7	55.7	0.19	0.00611	10.5	0.0338	0.0377	0.000398	0.00181	0.000916	1.09	0.00000385	0.00663	0.00143	0.00279	
2070 Jul	738	0.0531	0.0553	0.00147	20.8	0.255	486	0.000661	0.000661	0.00000618	0.0123	0.00794	0.418	0.0549	0.0000116	121	0.000086	0.0113	0.000669	0.00253	0.0642	0.000038	20.9	59.2	0.198	0.00649	10.7	0.0359	0.0372	0.000393	0.00191	0.00097	1.15	0.00000399	0.00705	0.00148	0.00288	
2070 Aug	781	0.0524	0.0569	0.00149	21	0.27	517	0.000646	0.000646	0.00000628	0.0126	0.00836	0.444	0.0567	0.000012	127	0.0000903	0.012	0.000688	0.00263	0.0634	0.0000399	22.1	62.8	0.207	0.00689	10.9	0.0381	0.0364	0.000386	0.00203	0.00103	1.22	0.00000413	0.0075	0.00152	0.00296	
2070 Sep	804	0.0532	0.0566	0.00148	20.7	0.278	534	0.000626	0.000626	0.00000629	0.0128	0.00857	0.459	0.057	0.0000122	131	0.0000923	0.0124	0.000686	0.00268	0.0609	0.0000408	22.8	64.7	0.209	0.00712	10.8	0.0393	0.0355	0.000359	0.00208	0.00106	1.25	0.00000419	0.00775	0.00151	0.00297	
2070 Oct	804	0.0544	0.0555	0.00146	20.3	0.279	535	0.000617	0.000617	0.00000625	0.0128	0.00857	0.46	0.0564	0.0000122	130	0.0000921	0.0125	0.000674	0.00267	0.059	0.0000408	22.8	64.8	0.207	0.00715	10.6	0.0394	0.0352	0.000336	0.00208	0.00106	1.25	0.00000418	0.00777	0.00149	0.00293	
2070 Nov	809	0.0546	0.0554	0.00145	20.2	0.281	539	0.000612	0.000612	0.00000624	0.0128	0.00861	0.463	0.0565	0.0000123	131	0.0000925	0.0125	0.000673	0.00268	0.0584	0.000041	22.9	65.2	0.208	0.0072	10.6	0.0396	0.0349	0.000329	0.00209	0.00106	1.26	0.00000419	0.00782	0.00148	0.00293	
2070 Dec	810	0.0545	0.0554	0.00145	20.2	0.282	540	0.000611	0.000611	0.00000624	0.0129	0.00862	0.464	0.0565	0.0000123	131	0.0000926	0.0126	0.000673	0.00268	0.0583	0.000041	23	65.3	0.208	0.00721	10.6	0.0397	0.0349	0.000328	0.00209	0.00106	1.26	0.00000419	0.00784	0.00148	0.00293	
2071 Jan	810	0.0546	0.0554	0.00145	20.2	0.282	540	0.000611	0.000611	0.00000624	0.0129	0.00862	0.464	0.0565	0.0000123	131	0.0000927	0.0126	0.000673	0.00268	0.0583	0.0000411	23	65.3	0.208	0.00721	10.6	0.0397	0.0349	0.000328	0.00209	0.00106	1.26	0.00000419	0.00784	0.00148	0.00293	
2071 Feb	810	0.0546	0.0554	0.00145	20.2	0.282	540	0.000611	0.000611	0.00000624	0.0129	0.00862	0.464	0.0565	0.0000123	131	0.0000926	0.0126	0.000673	0.00268	0.0583	0.000041	23	65.3	0.208	0.00721	10.6	0.0397	0.0349	0.000328	0.00209	0.00106	1.26	0.00000419	0.00784	0.00148	0.00293	
2071 Mar	810	0.0546	0.0554	0.00145	20.2	0.282	540	0.000611	0.000611	0.00000624	0.0129	0.00862	0.464	0.0565	0.0000123	131	0.0000926	0.0126	0.000674	0.00268	0.0583	0.000041	23	65.3	0.208	0.00721	10.6	0.0397	0.0349	0.000328	0.00209	0.00106	1.26	0.00000419	0.00783	0.00148	0.00293	
2071 Apr	810	0.0546	0.0554	0.00145	20.3	0.282	540	0.000611	0.000611	0.00000625	0.0129	0.00863	0.464	0.0566	0.0000123	131	0.0000927	0.0126	0.000674	0.00269	0.0584	0.0000411	23	65.3	0.208	0.00721	10.6	0.0397	0.0349	0.000329	0.00209	0.00106	1.26	0.00000419	0.00784	0.00148	0.00293	
2071 May	794	0.0551	0.0547	0.00144	20.3	0.276	528	0.000622	0.000622	0.00000623	0.0127	0.00848	0.453	0.0564	0.0000121	129	0.0000911	0.0123	0.000677	0.00266	0.0602	0.0000404	22.5	63.9	0.206	0.00705	10.5	0.0388	0.0356	0.000348	0.00205	0.00104	1.24	0.00000415	0.00766	0.00149	0.00291	
2071 Jun	681	0.0536	0.0485	0.00136	19.6	0.235	446	0.000679	0.000679	0.00000602	0.0118	0.00739	0.384	0.0526	0.000011	113	0.0000802	0.0104	0.000647	0.0024	0.0653	0.0000356	19.2	54.5	0.187	0.00597	9.72	0.033	0.0382	0.000405	0.00177	0.000897	1.07	0.00000381	0.00647	0.00142	0.00276	
2071 Jul	698	0.0529	0.0489	0.00137	19.6	0.241	458	0.000682	0.000682	0.00000611	0.012	0.00756	0.394	0.0533	0.0000112	115	0.0000821	0.0107	0.000652	0.00244	0.0651	0.0000364	19.7	55.9	0.19	0.00612	9.76	0.0339	0.0382	0.000399	0.00181	0.000919	1.09	0.00000388	0.00665	0.00144	0.00281	
2071 Aug	727	0.053	0.0501	0.00139	19.8	0.252	479	0.000678	0.000678	0.00000622	0.0123	0.00786	0.412	0.0547	0.0000116	120	0.0000852	0.0112	0.000669	0.00252	0.0652	0.0000377	20.6	58.4	0.197	0.0064	9.93	0.0354	0.0381	0.000399	0.00189	0.000958	1.14	0.00000399	0.00695	0.00148	0.00288	
2071 Sep	758	0.0526	0.0503	0.00138	19.6	0.263	502	0.000655	0.000655	0.00000624	0.0125	0.00815	0.431	0.0555	0.0000118	124	0.0000888	0.0117	0.000673	0.00258	0.0629	0.00039	21.5	61	0.201	0.0067	9.9	0.037	0.0369	0.000376	0.00197	0.000998	1.19	0.00000407	0.00728	0.00148	0.00291	
2071 Oct	773	0.0526	0.0503	0.00137	19.4	0.268	513	0.000641	0.000641	0.00000623	0.0126	0.00829	0.441	0.0558	0.0000122	126	0.0000894	0.012	0.000673	0.00261	0.0615	0.0000396	21.9	62.3	0.203	0.00685	9.85	0.0378	0.0362	0.000363	0.002	0.00102	1.21	0.0000041	0.00745	0.00149	0.00291	
2071 Nov	779	0.0528	0.0501	0.00137	19.3	0.271	518	0.000634	0.000634	0.00000623	0.0126	0.00834	0.445	0.0559	0.0000122	127	0.0000899	0.0121	0.000672	0.00262	0.0607	0.0000398	22.1	62.8	0.204	0.00691	9.81	0.0381	0.0359	0.000355	0.00202	0.00103	1.22	0.00000411	0.00751	0.00148	0.00291	
2071 Dec	779	0.0528	0.0501	0.00137	19.3	0.271	518	0.000633	0.000633	0.00000622	0.0126	0.00834	0.445	0.0558	0.0000122	127	0.0000899	0.0121	0.000671	0.00262	0.0606	0.0000398	22.1	62.8	0.204	0.00692	9.8	0.0382	0.0359	0.000353	0.00202	0.00103	1.22	0.00000411	0.00752	0.00148	0.00291	
2072 Jan	778	0.0529	0.05	0.00137	19.3	0.271	517	0.000633	0.000633	0.00000622	0.0126	0.00834	0.445	0.0558	0.0000122	127	0.0000899	0.0121	0.000671	0.00262	0.0606	0.0000398	22.1	62.8	0.204	0.00691	9.8	0.0381	0.0359	0.000353	0.00202	0.00103	1.22	0.00000411	0.00751	0.00148	0.00291	
2072 Feb	778	0.0529	0.05	0.00137	19.3	0.271	517	0.000634	0.000634	0.00000622	0.0126	0.00834	0.445	0.0558	0.0000122	127	0.0000898	0.012	0.000671	0.00262	0.0607	0.0000398	22.1	62.7	0.204	0.00691	9.8	0.0381	0.0359	0.000353	0.00202	0.00102	1.22	0.00000411	0.00751	0.00148	0.00291	
2072 Mar	778	0.053	0.05	0.00137	19.3	0.27	517	0.000634	0.000634	0.00000622	0.0126	0.00834	0.445	0.0558	0.0000122	127	0.0000898	0.012	0.000671	0.00262	0.0607	0.0000398	22.1	62.7	0.204	0.00691	9.8	0.0381	0.0359	0.000354	0.00202	0.00102	1.22	0.00000411	0.00751	0.00148	0.00291	
2072 Apr	779	0.053	0.0501	0.00137	19.3	0.271	518	0.000634	0.000634	0.00000623	0.0126	0.00834	0.445	0.0559	0.000012	127	0.0000899	0.0121	0.000672	0.00262	0.0608	0.0000398	22.1	62.8	0.204	0.00692	9.81	0.0381	0.036	0.000354	0.00202	0.00103	1.22	0.00000412	0.00751	0.00148	0.00291	
2072 May	783	0.0533	0.0503	0.00137	19.4	0.272	520	0.000638	0.000638	0.00000626	0.0127	0.00839	0.447	0.0562	0.0000121	128	0.0000903	0.0121	0.000676	0.00264	0.0611	0.00004	22.2	63.1	0.205	0.00695	9.86	0.0383	0.0362	0.000356	0.00203	0.00103	1.22	0.00000414	0.00755	0.00149	0.00293	
2072 Jun	683	0.0472	0.0444	0.00133	17.5	0.239	451	0.000691	0.000691	0.00000612	0.012	0.00739	0.389	0.0502	0.0000111	112	0.0000815	0.0105	0.000598	0.00237	0.0585	0.0000361	19.4	54.9	0.18	0.00604	8.86	0.0334	0.0375	0.00032	0.00179	0.0009	1.07	0.00000386	0.00656	0.00136	0.00283	
2072 Jul	690	0.0449	0.0438	0.00132	17.1	0.242	457	0.000694	0.000694	0.00000617	0.0121	0.00746	0.394	0.05	0.0000113	113	0.0000823	0.0107	0.000593	0.00238	0.0574	0.0000365	19.6	55.5	0.18	0.00611	8.7	0.0338	0.0373	0.000307	0.00181	0.000909	1.08	0.00000359	0.00664	0.00135	0.00286	
2072 Aug	677	0.0443	0.0417	0.0013	16.7	0.239	448	0.000701	0.000701	0.00000615	0.0119	0.00732	0.387	0.0489	0.0000111	111	0.0000798	0.0105	0.000571	0.00234	0.055	0.0000356	19.2	54.4	0.174	0.00601	8.42	0.0331	0.0369	0.000278	0.00177	0.000891	1.06	0.00000387	0.00651	0.00129	0.00278	
2072 Sep	679	0.0445	0.0408	0.00129	16.5	0.241	450	0.000696	0.000696	0.00000614	0.0119	0.00734	0.389	0.0486	0.0000112	111	0.0000795	0.0105	0.000563	0.00234	0.0534	0.0000361	19.3	54.6	0.173	0.00606	8.29	0.0333	0.0364	0.000261	0.00177	0.000894	1.06	0.00000387	0.00654	0.00126	0.00275	
2072 Oct	686	0.0464	0.0401	0.00126	16.2	0.244	456	0.00068	0.00068	0.0000061	0.0119	0.00741	0.394	0.0485	0.0000112	112	0.0000801	0.0106	0.000559	0.00235	0.0519	0.0000363	19.5	55.3	0.173	0.00614	8.16	0.0337	0.0359	0.000244	0.00178	0.000903	1.07	0.00000387	0.00663	0.00125	0.00273	
2072 Nov	696	0.0467	0.0401	0.00126	16.2	0.247	464	0.000671	0.000671	0.00000609	0.012	0.0075	0.4	0.0488	0.0000113	113	0.000081	0.0108	0.000561	0.00237	0.0513	0.0000367	19.8	56.1	0.175	0.00624	8.14	0.0342	0.0356	0.000239	0.00181	0.000916	1.09	0.00000389	0.00674	0.00125	0.00273	
2072 Dec	700	0.0466	0.0402	0.00126	16.1	0.249	466	0.000668	0.000668	0.00000609	0.012	0.00754	0.402	0.049	0.0000113	114	0.0000814	0.0109	0.000563	0.00238	0.0511	0.0000369	19.9	56.4	0.175	0.00628	8.15	0.0344	0.0354	0.000238	0.00182	0.000921	1.09	0.0000039	0.00678	0.00126	0.00274	
2073 Jan	700	0.0466	0.0402	0.00126	16.1	0.249	467	0.000667	0.000667	0.00000609	0.012	0.00754	0.403	0.049	0.0000113	114	0.0000814	0.0109	0.000563	0.00238	0.0511	0.0000369	19.9	56.5	0.176	0.00628	8.15	0.0344	0.0354	0.000238	0.00182	0.000922	1.09	0.0000039	0.00678	0.00126	0.00274	
2073 Feb	700	0.0466	0.0402	0.00126	16.1	0.249	467	0.000667	0.000667	0.00000609	0.012	0.00754	0.403	0.049	0.0000113	114	0.0000814	0.0109	0.000563	0.00238	0.0512	0.0000369	19.9	56.5	0.176	0.00628	8.15	0.0344	0.0354	0.000238	0.00182	0.000922	1.09	0.0000039	0.00678	0.00126	0.00274	
2073 Mar	700	0.0467	0.0402	0.00126	16.2	0.249	467	0.000667	0.000667	0.00000609	0.012	0.00754	0.403	0.049	0.0000113	114	0.0000814	0.0109	0.000564	0.00238	0.0512	0.0000369	19.9	56.5	0.176	0.00628	8.15	0.0344	0.0354	0.000238	0.00182	0.000922	1.09	0.0000039	0.00678	0.00126	0.00274	
2073 Apr	702	0.0468	0.0403	0.00126	16.2	0.249	468	0.000669	0.000669	0.00000611	0.012	0.00756	0.404	0.0491	0.0000113	114	0.0000816	0.0109	0.000565	0.00239	0.0514	0.000037	20	56.6	0.176	0.00629	8.17	0.0345	0.0355	0.000239	0.00182	0.000924	1.1	0.0000039	0.0068	0.00126	0.00274	
2073 May	705	0.0467	0.0398	0.00122	16.4	0.249	469	0.000655	0.000655	0.00000605	0.0119	0.00761	0.404	0.0507	0.0000113	115	0.0000819	0.0109	0.000597	0.00241	0.0552	0.0000369	20.1	56.9	0.182	0.0063	8.15	0.0346	0.0354	0.000293	0.00183	0.000931	1.11	0.0000039	0.00682	0.00132	0.00274	
2073 Jun	659	0.0474	0.0375	0.00116	16.9	0.229	434	0.000667	0.000667	0.00000589	0.0114	0.00719	0.373	0.0513	0.0000107	110	0.0000774	0.0101	0.00063	0.00234	0.0635	0.0000347	18.7	53	0.182	0.00581	7.99	0.0321	0.0368	0.000396	0.00172	0.000873	1.04	0.00000371	0.00629	0.00138	0.00268	
2073 Jul	686	0.0473	0.0384	0.00117	17	0.239	452	0.000666	0.000666	0.000006	0.0116	0.00747	0.389	0.0526	0.000011	114	0.0000803	0.0106	0.000644	0.00241	0.0636	0.0000359	19.5	55.2	0.188	0.00605	8.1	0.0335	0.0368	0.000394	0.00179	0.000908	1.08	0.00000382	0.00657	0.00141	0.00275	
2073 Aug	720	0.0468	0.0393	0.00118	17.1	0.251	478	0.000657	0.000657	0.00000601	0.012	0.00782	0.411	0.0542	0.0000114	119	0.0000838	0.0111	0.00066	0.00249	0.0632	0.0000374	20.5	58.2	0.195	0.00638	8.21	0.0353	0.0363	0.00039	0.00188	0.000955	1.14	0.00000394	0.00693	0.00145	0.00282	
2073 Sep	761	0.046	0.04	0.00118	16.9	0.265	507	0.00063	0.00063	0.00000615	0.0123	0.00821	0.436	0.0556	0.0000118	125	0.0000878	0.0118	0.000673	0.00258	0.0614	0.0000391	21.7	61.6	0.203	0.00677	8.24	0.0374	0.035	0.000374	0.00198	0.00101	1.2	0.00000405	0.00736	0.00148	0.00287	
2073 Oct	785	0.0462	0.0397	0.00116	16.5	0.274	526	0.000604	0.000604	0.00000613	0.0124	0.00843	0.452	0.0559	0.000012	128	0.00009	0.0122	0.000671	0.00262	0.0587	0.0000401	22.4	63.7	0.206	0.00702	8.12	0.0387	0.0338	0.000347	0.00204	0.00104	1.23	0.0000041	0.00763	0.00147	0.00288	
2073 Nov	789	0.0467	0.0395	0.00115	16.4	0.276	529	0.000598	0.000598	0.00000612	0.0124	0.00846	0.454	0.0558	0.0000112	129	0.0000903	0.0123	0.000668	0.00263	0.0578	0.0000402	22.5	64	0.205	0.00706	8.06	0.0389	0.0336	0.000337	0.00205	0.00105	1.24	0.00000411	0.00768	0.00146	0.00287	
2073 Dec	792	0.0466	0.0395	0.00115	16.4	0.277	532	0.000595	0.000595	0.00000612	0.0125	0.0085	0.457	0.0559	0.0000112	129	0.0000906	0.0124	0.000669	0.00264	0.0576	0.0000404	22.6	64.3	0.206	0.00709	8.06	0.0391	0.0335	0.000335	0.00206	0.00105	1.25	0.00000412	0.00772	0.00146	0.00287	
2074 Jan	795	0.0465	0.0395	0.00115	16.4	0.278	534	0.000593	0.000593	0.00000612	0.0125	0.00852	0.458	0.056	0.0000121	130	0.0000909	0.0124	0.00067	0.00264	0.0575	0.0000405	22.7	64.6	0.207	0.00712	8.06	0.0393	0.0333	0.000334	0.00207	0.00105	1.25	0.00000412	0.00775	0.00147	0.00288	
2074 Feb	796	0.0465	0.0396	0.00115	16.4	0.278	534	0.000592	0.000592	0.00000612	0.0125	0.00853	0.459	0.056	0.0000121	130	0.000091	0.0124	0.00067	0.00264	0.0575	0.0000405	22.7	64.7	0.207	0.00713	8.06	0.0393	0.0333	0.000334	0.00207	0.00105	1.25	0.00000412	0.00776	0.00147	0.00288	
2074 Mar	796	0.0465	0.0396	0.00115	16.4	0.278	534	0.000592	0.000592	0.00000612	0.0125	0.00854	0.459	0.056	0.0000121	130	0.000091	0.0124	0.00067	0.00264	0.0575	0.0000405	22.7	64.7	0.207	0.00713	8.06	0.0393	0.0333	0.000334	0.00207	0.00105	1.25	0.00000412	0.00776	0.00147	0.00288	
2074 Apr	798	0.0466	0.0396	0.00115	16.4	0.279	535	0.000593	0.000593	0.00000613	0.0125	0.00855	0.46	0.0561	0.0000121	130	0.0000912	0.0125	0.000672	0.00265	0.0576	0.0000406	22.8	64.8	0.207	0.00714	8.08	0.0394	0.0334	0.000335	0.00207	0.00106	1.25	0.00000413	0.00777	0.00147	0.00288	
2074 May	755	0.0475	0.0381	0.00112	16.7	0.262	503	0.000609	0.000609	0.00000602	0.0121	0.00816	0.432	0.0561	0.0000116	125	0.000087	0.0117	0.000687	0.00257	0.0632	0.0000386	21.5	61.2	0.204	0.00671	7.99	0.0371	0.0347	0.000402	0.00196	0.001	1.19	0.00000399	0.0073	0.00149	0.00282	
2074 Jun	648	0.0498	0.0347	0.00106	17.4	0.222	423	0.000657	0.000657	0.00000577	0.011	0.00715	0.363	0.0545	0.0000105	111	0.0000763	0.00991	0.000699	0.00236	0.0737	0.0000338	18.4	52.1	0.193	0.00564	7.78	0.0314	0.0378	0.000524	0.00169	0.000864	1.03	0.00000363	0.00613	0.00149	0.00265	
2074 Jul	681	0.0498	0.0357	0.00107	17.6	0.233	446	0.000655	0.000655	0.0000059	0.0114	0.00748	0.383	0.0561	0.0000109	116	0.0000798	0.0104	0.000717	0.00245	0.0739	0.0000353	19.4	54.9	0.2	0.00595	7.92	0.0331	0.0378	0.000524	0.00177	0.000908	1.08	0.00000376	0.00647	0.00154	0.00273	
2074 Aug	725	0.0493	0.0368	0.00108	17.6	0.249	478	0.000642	0.000642	0.00000603	0.0118	0.00793	0.41	0.0581	0.0000114	122	0.0000844	0.0112	0.000738	0.00256	0.0733	0.0000373	20.7	58.6	0.209	0.00637	8.04	0.0354	0.0372	0.000518	0.00189	0.000967	1.15	0.00000391	0.00693	0.00158	0.00282	
2074 Sep	791	0.0474

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2077 Jun	667	0.0412	0.0281	0.000966	14.4	0.231	441	0.000655	0.000655	0.00000588	0.0115	0.00731	0.38	0.0525	0.0000108	112	0.0000797	0.0103	0.000656	0.00236	0.0662	0.0000351	19.1	54	0.189	0.00587	6.43	0.0327	0.0365	0.000436	0.00176	0.00089	1.06	0.00000373	0.0064	0.00146	0.00277	
2077 Jul	695	0.0407	0.0284	0.000973	14.4	0.24	461	0.000653	0.000653	0.00000599	0.0118	0.0076	0.397	0.0538	0.0000111	116	0.0000827	0.0108	0.000669	0.00243	0.066	0.0000363	19.9	56.3	0.194	0.00613	6.47	0.0341	0.0364	0.000432	0.00184	0.000927	1.1	0.00000384	0.00669	0.00149	0.00284	
2077 Aug	726	0.0406	0.029	0.00098	14.5	0.252	484	0.000649	0.000649	0.0000061	0.0121	0.00792	0.416	0.0553	0.0000115	121	0.000086	0.0113	0.000686	0.00251	0.066	0.0000378	20.8	59	0.201	0.00643	6.54	0.0358	0.0362	0.00043	0.00192	0.00097	1.15	0.00000396	0.00702	0.00152	0.00291	
2077 Sep	749	0.041	0.0282	0.000955	14	0.261	501	0.000622	0.000622	0.00000607	0.0122	0.00812	0.431	0.0553	0.0000117	124	0.0000877	0.0117	0.000677	0.00255	0.0624	0.0000387	21.5	60.9	0.203	0.00667	6.35	0.037	0.0349	0.000393	0.00197	0.000998	1.19	0.000004	0.00728	0.0015	0.0029	
2077 Oct	770	0.0412	0.0279	0.000937	13.6	0.269	518	0.0006	0.0006	0.00000606	0.0123	0.00832	0.445	0.0556	0.0000118	127	0.0000897	0.0121	0.000675	0.00259	0.0601	0.0000395	22.1	62.8	0.205	0.00689	6.23	0.0381	0.0339	0.000369	0.00202	0.00103	1.22	0.00000405	0.00752	0.0015	0.0029	
2077 Nov	775	0.0414	0.0277	0.000933	13.5	0.271	522	0.000595	0.000595	0.00000606	0.0124	0.00836	0.448	0.0557	0.0000119	127	0.0000901	0.0121	0.000674	0.0026	0.0595	0.0000397	22.2	63.2	0.206	0.00694	6.2	0.0384	0.0336	0.000362	0.00204	0.00103	1.23	0.00000406	0.00757	0.00149	0.0029	
2077 Dec	776	0.0414	0.0277	0.000932	13.5	0.271	523	0.000594	0.000594	0.00000606	0.0124	0.00838	0.449	0.0557	0.0000119	128	0.0000902	0.0122	0.000674	0.0026	0.0593	0.0000398	22.3	63.3	0.206	0.00696	6.19	0.0385	0.0336	0.000361	0.00204	0.00103	1.23	0.00000406	0.00759	0.00149	0.0029	
2078 Jan	777	0.0414	0.0277	0.000932	13.5	0.271	523	0.000594	0.000594	0.00000606	0.0124	0.00838	0.449	0.0557	0.0000119	128	0.0000903	0.0122	0.000675	0.0026	0.0593	0.0000398	22.3	63.4	0.206	0.00696	6.19	0.0385	0.0336	0.00036	0.00204	0.00104	1.23	0.00000406	0.00759	0.00149	0.0029	
2078 Feb	777	0.0414	0.0277	0.000932	13.5	0.271	523	0.000594	0.000594	0.00000606	0.0124	0.00838	0.449	0.0557	0.0000119	128	0.0000902	0.0122	0.000675	0.0026	0.0594	0.0000398	22.3	63.4	0.206	0.00696	6.19	0.0385	0.0336	0.000361	0.00204	0.00103	1.23	0.00000406	0.00759	0.00149	0.0029	
2078 Mar	776	0.0415	0.0277	0.000932	13.5	0.271	523	0.000594	0.000594	0.00000606	0.0124	0.00838	0.449	0.0557	0.0000119	128	0.0000902	0.0122	0.000675	0.0026	0.0594	0.0000398	22.3	63.4	0.206	0.00696	6.19	0.0385	0.0336	0.000361	0.00204	0.00103	1.23	0.00000406	0.00759	0.00149	0.0029	
2078 Apr	778	0.0415	0.0278	0.000934	13.6	0.272	524	0.000595	0.000595	0.00000607	0.0124	0.0084	0.45	0.0559	0.0000119	128	0.0000904	0.0122	0.000676	0.00261	0.0595	0.0000399	22.3	63.5	0.206	0.00697	6.21	0.0386	0.0337	0.000362	0.00204	0.00104	1.23	0.00000407	0.0076	0.0015	0.0029	
2078 May	727	0.0434	0.0272	0.00092	14.2	0.252	485	0.000617	0.000617	0.00000595	0.0119	0.00792	0.417	0.0553	0.0000114	121	0.0000852	0.0113	0.000686	0.00251	0.065	0.0000375	20.8	59.2	0.201	0.00646	6.29	0.0358	0.0352	0.000426	0.00191	0.000971	1.15	0.0000039	0.00704	0.0015	0.00281	
2078 Jun	648	0.0462	0.0264	0.000917	15.1	0.223	426	0.000659	0.000659	0.0000058	0.0112	0.00717	0.366	0.054	0.0000105	111	0.0000772	0.00997	0.000688	0.00236	0.0721	0.0000341	18.5	52.4	0.191	0.00568	6.42	0.0316	0.0378	0.000505	0.0017	0.000867	1.03	0.00000365	0.00617	0.00149	0.00269	
2078 Jul	677	0.0462	0.0269	0.000926	15.2	0.233	446	0.000658	0.000658	0.00000592	0.0115	0.00746	0.384	0.0554	0.0000109	115	0.0000803	0.0105	0.000705	0.00243	0.0724	0.0000354	19.4	54.8	0.198	0.00595	6.49	0.0331	0.0378	0.000505	0.00178	0.000906	1.08	0.00000377	0.00647	0.00153	0.00276	
2078 Aug	722	0.0449	0.0272	0.000919	14.9	0.249	479	0.000637	0.000637	0.00000601	0.0118	0.00791	0.411	0.0571	0.0000114	122	0.0000847	0.0112	0.000721	0.00254	0.0709	0.0000373	20.7	58.6	0.206	0.00637	6.46	0.0354	0.0367	0.00049	0.0019	0.000966	1.15	0.00000391	0.00695	0.00156	0.00284	
2078 Sep	775	0.0428	0.0274	0.000897	14.5	0.268	519	0.0006	0.0006	0.00000606	0.0122	0.00842	0.445	0.0587	0.0000115	129	0.0000899	0.0121	0.000734	0.00265	0.0679	0.0000396	22.2	63.2	0.216	0.00689	6.35	0.0383	0.0347	0.000465	0.00203	0.00104	1.23	0.00000405	0.00753	0.0016	0.00291	
2078 Oct	820	0.0411	0.0271	0.000867	13.8	0.284	552	0.000559	0.000559	0.00000606	0.0125	0.00884	0.474	0.0597	0.0000122	135	0.0000941	0.0129	0.000738	0.00273	0.0642	0.0000413	23.5	67	0.223	0.00733	6.16	0.0407	0.0326	0.00043	0.00215	0.0011	1.3	0.00000416	0.00802	0.00161	0.00295	
2078 Nov	825	0.0412	0.0269	0.000861	13.7	0.286	557	0.000552	0.000552	0.00000605	0.0125	0.00889	0.477	0.0596	0.0000123	136	0.0000946	0.013	0.000735	0.00274	0.0631	0.0000416	23.7	67.5	0.223	0.00739	6.1	0.041	0.0323	0.000419	0.00216	0.0011	1.31	0.00000417	0.00808	0.0016	0.00295	
2078 Dec	827	0.0412	0.0269	0.00086	13.6	0.287	558	0.000551	0.000551	0.00000605	0.0125	0.00891	0.478	0.0596	0.0000123	136	0.0000948	0.013	0.000735	0.00274	0.063	0.0000416	23.8	67.7	0.223	0.0074	6.1	0.041	0.0322	0.000418	0.00217	0.00111	1.31	0.00000417	0.0081	0.0016	0.00295	
2079 Jan	829	0.0411	0.0269	0.000858	13.6	0.288	560	0.000549	0.000549	0.00000605	0.0125	0.00893	0.48	0.0597	0.0000123	137	0.000095	0.013	0.000735	0.00275	0.0628	0.0000417	23.8	67.8	0.223	0.00743	6.09	0.0412	0.0321	0.000416	0.00217	0.00111	1.32	0.00000418	0.00812	0.0016	0.00295	
2079 Feb	829	0.0411	0.0269	0.000858	13.6	0.288	560	0.000548	0.000548	0.00000605	0.0125	0.00893	0.48	0.0597	0.0000123	137	0.000095	0.013	0.000735	0.00275	0.0628	0.0000417	23.8	67.9	0.223	0.00743	6.09	0.0412	0.0321	0.000416	0.00217	0.00111	1.32	0.00000418	0.00812	0.0016	0.00295	
2079 Mar	829	0.0411	0.0269	0.000858	13.6	0.288	560	0.000548	0.000548	0.00000605	0.0125	0.00893	0.48	0.0597	0.0000123	137	0.000095	0.013	0.000736	0.00275	0.0628	0.0000417	23.8	67.9	0.224	0.00743	6.09	0.0412	0.0321	0.000416	0.00217	0.00111	1.32	0.00000418	0.00813	0.0016	0.00295	
2079 Apr	831	0.0412	0.0269	0.000859	13.6	0.288	561	0.000549	0.000549	0.00000606	0.0126	0.00894	0.481	0.0598	0.0000123	137	0.0000951	0.0131	0.000737	0.00275	0.0629	0.0000418	23.9	68	0.224	0.00744	6.1	0.0412	0.0321	0.000417	0.00218	0.00111	1.32	0.00000418	0.00814	0.00161	0.00296	
2079 May	834	0.0414	0.027	0.000863	13.7	0.289	563	0.000552	0.000552	0.00000609	0.0126	0.00898	0.483	0.0601	0.0000124	137	0.0000955	0.0131	0.00074	0.00276	0.0633	0.000042	24	68.3	0.225	0.00747	6.13	0.0414	0.0323	0.00042	0.00219	0.00111	1.32	0.0000042	0.00817	0.00161	0.00297	
2079 Jun	654	0.0353	0.0227	0.000885	12.2	0.228	435	0.000649	0.000649	0.00000581	0.0114	0.00716	0.375	0.0498	0.0000107	109	0.0000788	0.0102	0.00061	0.00228	0.0602	0.0000346	18.7	53.1	0.18	0.00579	5.39	0.0322	0.0352	0.000372	0.00174	0.000873	1.04	0.00000369	0.00632	0.00138	0.00276	
2079 Jul	665	0.0338	0.0224	0.000886	11.9	0.232	444	0.00065	0.00065	0.00000587	0.0115	0.00727	0.383	0.0499	0.0000108	110	0.0000802	0.0104	0.000607	0.00231	0.0591	0.0000352	19.1	54.1	0.181	0.00591	5.3	0.0329	0.035	0.000358	0.00177	0.000888	1.05	0.00000374	0.00645	0.00139	0.0028	
2079 Aug	703	0.0332	0.0227	0.000883	11.9	0.245	472	0.000636	0.000636	0.00000597	0.0118	0.00765	0.406	0.0515	0.0000112	116	0.0000839	0.011	0.000624	0.0024	0.0585	0.0000369	20.2	57.3	0.189	0.00626	5.31	0.0348	0.0344	0.000352	0.00187	0.000939	1.11	0.00000387	0.00685	0.00142	0.00287	
2079 Sep	735	0.0337	0.0225	0.000863	11.6	0.257	495	0.00061	0.00061	0.00000598	0.0121	0.00795	0.426	0.0524	0.0000115	121	0.0000869	0.0115	0.00063	0.00247	0.0563	0.0000382	21.1	60	0.194	0.00658	5.21	0.0365	0.0333	0.00033	0.00195	0.000981	1.16	0.00000395	0.00719	0.00143	0.00289	
2079 Oct	758	0.0339	0.0222	0.000844	11.3	0.266	513	0.000587	0.000587	0.00000597	0.0122	0.00818	0.441	0.053	0.0000117	124	0.000089	0.012	0.000633	0.00252	0.0545	0.0000391	21.8	62.1	0.198	0.00682	5.13	0.0378	0.0322	0.000313	0.00201	0.00101	1.2	0.000004	0.00745	0.00143	0.00289	
2079 Nov	758	0.0349	0.022	0.00084	11.2	0.266	513	0.000584	0.000584	0.00000596	0.0122	0.00817	0.441	0.0528	0.0000117	124	0.0000888	0.0119	0.000629	0.00251	0.0538	0.0000391	21.8	62	0.197	0.00682	5.09	0.0378	0.0322	0.000304	0.00201	0.00101	1.2	0.00000399	0.00745	0.00142	0.00288	
2079 Dec	755	0.0357	0.0217	0.000836	11.2	0.266	512	0.000583	0.000583	0.00000594	0.0122	0.00814	0.44	0.0525	0.0000117	123	0.0000885	0.0119	0.000624	0.00251	0.0533	0.00039	21.7	61.8	0.195	0.00681	5.06	0.0376	0.0322	0.000296	0.002	0.00101	1.19	0.00000398	0.00743	0.00141	0.00286	
2080 Jan	754	0.0359	0.0217	0.000836	11.2	0.265	511	0.000583	0.000583	0.00000594	0.0122	0.00813	0.439	0.0525	0.0000116	123	0.0000884	0.0119	0.000624	0.00251	0.0533	0.0000389	21.7	61.7	0.195	0.0068	5.06	0.0376	0.0322	0.000296	0.00199	0.00101	1.19	0.00000398	0.00742	0.00141	0.00285	
2080 Feb	754	0.0359	0.0217	0.000837	11.2	0.265	511	0.000583	0.000583	0.00000594	0.0122	0.00813	0.439	0.0525	0.0000116	123	0.0000883	0.0119	0.000624	0.00251	0.0534	0.0000389	21.7	61.7	0.195	0.0068	5.06	0.0376	0.0322	0.000297	0.00199	0.00101	1.19	0.00000398	0.00742	0.00141	0.00285	
2080 Mar	754	0.036	0.0217	0.000837	11.2	0.265	510	0.000584	0.000584	0.00000594	0.0122	0.00813	0.439	0.0525	0.0000116	123	0.0000883	0.0119	0.000624	0.00251	0.0535	0.0000389	21.7	61.7	0.195	0.00679	5.07	0.0376	0.0323	0.000297	0.00199	0.00101	1.19	0.00000398	0.00741	0.00141	0.00285	
2080 Apr	754	0.036	0.0217	0.000837	11.3	0.265	511	0.000584	0.000584	0.00000594	0.0122	0.00813	0.439	0.0526	0.0000116	123	0.0000884	0.0119	0.000625	0.00251	0.0536	0.0000389	21.7	61.7	0.195	0.0068	5.07	0.0376	0.0323	0.000297	0.00199	0.00101	1.19	0.00000398	0.00742	0.00141	0.00285	
2080 May	759	0.0362	0.0219	0.000842	11.3	0.267	514	0.000587	0.000587	0.00000597	0.0122	0.00818	0.442	0.0529	0.0000117	124	0.0000889	0.012	0.000629	0.00252	0.0538	0.0000391	21.8	62.1	0.196	0.00684	5.1	0.0378	0.0325	0.000299	0.00201	0.00101	1.2	0.000004	0.00746	0.00142	0.00287	
2080 Jun	675	0.0326	0.02	0.000861	10.6	0.238	455	0.000638	0.000638	0.00000585	0.0117	0.00733	0.392	0.0479	0.0000109	111	0.0000813	0.0106	0.000565	0.00223	0.0522	0.0000358	19.4	55	0.175	0.00606	4.77	0.0335	0.0339	0.000273	0.0018	0.0009	1.07	0.00000378	0.00661	0.00131	0.00279	
2080 Jul	659	0.0309	0.0194	0.000871	10.3	0.233	444	0.000656	0.000656	0.0000059	0.0117	0.00718	0.383	0.0468	0.0000109	108	0.00008	0.0103	0.000549	0.00226	0.0515	0.0000353	19	53.7	0.17	0.00591	4.65	0.0328	0.0344	0.000261	0.00177	0.000879	1.04	0.00000375	0.00645	0.00129	0.0028	
2080 Aug	686	0.0303	0.0196	0.00087	10.2	0.243	463	0.000649	0.000649	0.00000598	0.0119	0.00744	0.399	0.048	0.0000111	112	0.0000826	0.0108	0.000561	0.00232	0.0512	0.0000365	19.7	55.9	0.176	0.00616	4.66	0.0341	0.0341	0.000258	0.00183	0.000914	1.08	0.00000385	0.00672	0.00131	0.00284	
2080 Sep	711	0.0305	0.0195	0.000855	10.1	0.252	481	0.00063	0.00063	0.000006	0.012	0.00769	0.415	0.0489	0.0000114	116	0.0000848	0.0112	0.00057	0.00238	0.0501	0.0000375	20.5	58.1	0.181	0.00641	4.61	0.0355	0.0332	0.000247	0.0019	0.000948	1.12	0.00000391	0.007	0.00132	0.00286	
2080 Oct	743	0.0303	0.0194	0.000832	9.87	0.263	505	0.000601	0.000601	0.000006	0.0122	0.00801	0.435	0.0501	0.0000116	121	0.0000878	0.0118	0.000581	0.00245	0.0486	0.0000388	21.4	60.9	0.187	0.00673	4.54	0.0372	0.0319	0.000237	0.00198	0.000991	1.17	0.00000399	0.00734	0.00135	0.00289	
2080 Nov	760	0.0303	0.0193	0.000817	9.73	0.269	518	0.000584	0.000584	0.00000599	0.0123	0.00817	0.445	0.0507	0.0000118	123	0.0000893	0.012	0.000587	0.00248	0.0477	0.0000394	21.9	62.3	0.19	0.00689	4.5	0.038	0.0312	0.00023	0.00202	0.00101	1.2	0.00000402	0.00752	0.00135	0.00289	
2080 Dec	763	0.0303	0.0193	0.000814	9.7	0.27	520	0.00058	0.00058	0.00000598	0.0123	0.0082	0.448	0.0508	0.0000118	124	0.0000896	0.0121	0.000588	0.00249	0.0475	0.0000395	22	62.6	0.191	0.00692	4.48	0.0382	0.031	0.000228	0.00203	0.00102	1.2	0.00000403	0.00756	0.00136	0.00289	
2081 Jan	763	0.0304	0.0193	0.000814	9.71	0.27	520	0.00058	0.00058	0.00000598	0.0123	0.0082	0.448	0.0508	0.0000118	124	0.0000896	0.0121	0.000588	0.00249	0.0475	0.0000395	22	62.6	0.191	0.00692	4.49	0.0382	0.031	0.000228	0.00203	0.00102	1.2	0.00000403	0.00756	0.00136	0.00289	
2081 Feb	763	0.0304	0.0193	0.000814	9.72	0.27	520	0.000581	0.000581	0.00000598	0.0123	0.0082	0.447	0.0508	0.0000118	123	0.0000896	0.0121	0.000588	0.00249	0.0476	0.0000395	22	62.6	0.191	0.00692	4.49	0.0382	0.031	0.000229	0.00203	0.00102	1.2	0.00000403	0.00756	0.00136	0.00289	
2081 Mar	763	0.0304	0.0193	0.000814	9.73	0.27	520	0.000581	0.000581	0.00000598	0.0123	0.0082	0.447	0.0508	0.0000118	123	0.0000896	0.0121	0.000588	0.00249	0.0476	0.0000395	22	62.6	0.191	0.00692	4.49	0.0382	0.0311	0.000229	0.00203	0.00102	1.2	0.00000403	0.00756	0.00136	0.00289	
2081 Apr	764	0.0305	0.0193	0.000815	9.75	0.271	521	0.000581	0.000581	0.00000599	0.0123	0.00821	0.448	0.0509	0.0000118	124	0.0000897	0.0121	0.000589	0.0025	0.0477	0.0000396	22	62.7	0.191	0.00692	4.5	0.0383	0.0311	0.000229	0.00203	0.00102	1.2	0.00000403	0.00756	0.00136	0.0029	
2081 May	714	0.0337	0.0197	0.000833	10.7	0.252	482	0.000616	0.000616	0.00000593	0.0119	0.00774	0.415	0.0504	0.0000113	117	0.0000847	0.0112	0.000597	0.00241	0.0534	0.0000374	20.6	58.4	0.186	0.00643	4.76	0.0356	0.0333	0.000289	0.0019	0.000953	1.13	0.00000389	0.00701	0.00136	0.00282	
2081 Jun	649	0.0365	0.0198	0.00085	11.6	0.228	433	0.000659	0.000659	0.00000585	0.0114	0.00713	0.373	0.0493	0.0000107	108	0.0000782	0.0101	0.000599	0.00228	0.0594	0.0000346	18.6	52.8	0.177	0.00578	4.99	0.0321	0.0358	0.000352	0.00173	0.000868	1.03	0.0000037	0.00629	0.00135	0.00273	
2081 Jul	669	0.0367	0.0201	0.000862	11.8	0.235	447	0.000666	0.000666	0.00000597	0.0117	0.00733	0.385	0.0505	0.0000111	111	0.0000805	0.0104	0.000612	0.00234	0.06	0.0000356	19.2	54.4	0.182	0.00596	5.05	0.0331	0.0361	0.000355	0.00178	0.000894	1.06	0.00000379	0.00649	0.00138	0.0028	
2081 Aug	699	0.0366	0.0205	0.000866	11.8	0.245	469	0.000663	0.000663	0.00000608	0.012	0.00764	0.403	0.052	0.0000113	116	0.0000836	0.0109	0.000629	0.00242	0.0602	0.0000369	20.1	57	0.189	0.00624	5.1	0.0346	0.0361	0.000355	0.00186	0.000935	1.11	0.0000039	0.00681	0.00142	0.00287	
2081 Sep	737	0.0358	0.0203	0.000843	11.5	0.259	496	0.000634	0.000634	0.0000061	0.0122	0.00801	0.427	0.0533	0.0000116	122	0.0000872	0.0116	0.000641	0.0025	0.0584	0.0000385	21.2	60.2	0.196	0.00661	5	0.0366	0.0347	0.00034	0.00195	0.000985	1.17	0.000004	0.00721	0.00144	0.00291	
2081 Oct	772	0.0346	0.0202	0.000818	11.1	0.271	523	0.000603	0.000603	0.00000611	0.0124	0.00835	0.449	0.0544	0.0000119	127	0.0000906	0.0122	0.000652	0.00258	0.0565	0.0000399	22.2	63.3	0.202	0.00695	4.89	0.0385	0.0332	0.000326	0.00205	0.00103	1.22	0.00000408	0.00759	0.00147	0.00295	
2081 Nov	784	0.0347	0.0199	0.000801	10.9	0.276	532	0.000585	0.000585	0.00000608	0.0125	0.00846	0.457	0.0546	0.0000122	128	0.0000916	0.0124	0.00065	0.0026	0.055	0.0000403	22.6	64.3	0.204	0.00708	4.8	0.0391	0.0324	0.000313	0.00208	0.00105	1.24	0.0000041	0.00773	0.00146	0.00294	
2081 Dec	783	0.0351	0.0198	0.0008	10.9	0.275	531	0.000585	0.000585	0.00000607	0.0125	0.00844	0.456	0.0544	0.0000122	128	0.0000914	0.0124	0.000648	0.00259	0.0548	0.0000403	22.6	64.2	0.203	0.00706	4.78	0.0391	0.0324	0.00031	0.00207	0.00105	1.24	0.0000041	0.00771	0.00146	0.00293	
2082 Jan	782	0.0352	0.0197	0.0008	10.9	0.275	531	0.000585	0.000585	0.00000607	0.0125	0.00844	0.456	0.0544	0.0000122	128	0.0000913	0.0124	0.000648	0.00259	0.0548	0.0000402	22.5	64.1	0.203	0.00706	4.78	0.039	0.0324	0.000309	0.00207	0.00105	1.24	0.00000409	0.00771	0.00146	0.00293	
2082 Feb	782	0.0353	0.0198	0.0008	10.9	0.275	531	0.000585	0.000585	0.00000606	0.0125	0.00844	0.456	0.0544	0.0000122	128	0.0000913	0.0123	0.000648	0.00259	0.0549	0.0000402	22.5	64.1	0.203	0.00706	4.79	0.039	0.0324	0.00031	0.00207	0.00104	1.24	0.00000409	0.00771	0.00146	0.00293	
2082 Mar	782

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.00000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.00000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2084 Dec	760	0.037	0.0157	0.000686	10.4	0.267	515	0.000551	0.000551	0.0000058	0.0119	0.00823	0.442	0.0543	0.0000116	125	0.000088	0.012	0.000657	0.00254	0.0566	0.0000389	21.9	62.4	0.202	0.00686	4.24	0.0379	0.0315	0.000345	0.002	0.00102	1.21	0.00000394	0.00748	0.00144	0.00278	
2085 Jan	762	0.0369	0.0157	0.000684	10.3	0.267	516	0.00055	0.00055	0.0000058	0.0119	0.00824	0.443	0.0544	0.0000116	126	0.0000881	0.012	0.000658	0.00255	0.0565	0.0000389	22	62.5	0.202	0.00687	4.24	0.038	0.0314	0.000344	0.002	0.00102	1.21	0.00000394	0.0075	0.00144	0.00278	
2085 Feb	762	0.0369	0.0157	0.000684	10.4	0.267	516	0.00055	0.00055	0.0000058	0.0119	0.00824	0.443	0.0544	0.0000116	126	0.0000882	0.012	0.000658	0.00255	0.0566	0.0000389	22	62.5	0.202	0.00687	4.24	0.038	0.0314	0.000345	0.002	0.00102	1.21	0.00000394	0.0075	0.00145	0.00278	
2085 Mar	762	0.037	0.0157	0.000684	10.4	0.267	516	0.00055	0.00055	0.0000058	0.0119	0.00824	0.443	0.0544	0.0000116	126	0.0000881	0.012	0.000658	0.00255	0.0566	0.0000389	22	62.5	0.202	0.00687	4.24	0.038	0.0315	0.000345	0.002	0.00102	1.21	0.00000394	0.0075	0.00145	0.00278	
2085 Apr	763	0.037	0.0157	0.000685	10.4	0.268	517	0.000551	0.000551	0.0000058	0.0119	0.00825	0.444	0.0545	0.0000116	126	0.0000882	0.012	0.000659	0.00255	0.0567	0.000039	22	62.6	0.202	0.00688	4.25	0.038	0.0315	0.000345	0.00201	0.00102	1.21	0.00000395	0.0075	0.00145	0.00278	
2085 May	753	0.0376	0.016	0.000686	10.7	0.264	509	0.000556	0.000556	0.0000059	0.0118	0.00817	0.437	0.0547	0.0000115	125	0.0000873	0.0119	0.000668	0.00254	0.0587	0.0000385	21.7	61.8	0.202	0.00677	4.34	0.0375	0.0319	0.000369	0.00198	0.00101	1.2	0.00000391	0.00739	0.00146	0.00277	
2085 Jun	711	0.0396	0.0165	0.000708	11.5	0.248	477	0.000588	0.000588	0.0000057	0.0115	0.00777	0.409	0.0542	0.0000111	119	0.0000832	0.0111	0.000672	0.00246	0.0632	0.0000367	20.5	58.1	0.198	0.00635	4.58	0.0352	0.0338	0.000416	0.00187	0.000953	1.13	0.0000038	0.00692	0.00146	0.00272	
2085 Jul	740	0.0391	0.0166	0.000707	11.4	0.258	498	0.000583	0.000583	0.0000056	0.0116	0.00806	0.427	0.0555	0.0000114	123	0.0000862	0.0116	0.000687	0.00253	0.0631	0.000038	21.3	60.6	0.204	0.00662	4.57	0.0367	0.0336	0.000414	0.00195	0.000992	1.18	0.0000039	0.00722	0.0015	0.00279	
2085 Aug	787	0.0371	0.0163	0.000683	10.9	0.275	532	0.000554	0.000554	0.0000059	0.0121	0.00852	0.457	0.0571	0.0000119	130	0.0000908	0.0124	0.000701	0.00263	0.0609	0.00004	22.7	64.6	0.212	0.00707	4.43	0.0392	0.032	0.000396	0.00207	0.00105	1.25	0.00000404	0.00772	0.00153	0.00286	
2085 Sep	824	0.0358	0.0155	0.000647	10.2	0.288	561	0.000515	0.000515	0.0000059	0.0123	0.00887	0.481	0.0576	0.0000122	135	0.0000942	0.013	0.000699	0.0027	0.0569	0.0000415	23.8	67.8	0.217	0.00745	4.17	0.0412	0.03	0.000358	0.00217	0.0011	1.31	0.00000412	0.00814	0.00153	0.00288	
2085 Oct	850	0.0348	0.0149	0.000618	9.66	0.298	581	0.000484	0.000484	0.0000058	0.0125	0.00911	0.498	0.0579	0.0000124	139	0.0000966	0.0135	0.000697	0.00274	0.0539	0.0000425	24.6	70.1	0.22	0.00771	3.97	0.0426	0.0284	0.00033	0.00223	0.00114	1.35	0.00000417	0.00844	0.00152	0.00288	
2085 Nov	852	0.0353	0.0146	0.00061	9.46	0.299	583	0.000476	0.000476	0.0000058	0.0125	0.00912	0.5	0.0576	0.0000123	139	0.0000966	0.0135	0.000689	0.00274	0.0525	0.0000426	24.6	70.3	0.219	0.00774	3.89	0.0427	0.028	0.000314	0.00223	0.00114	1.35	0.00000417	0.00846	0.00151	0.00287	
2085 Dec	852	0.0353	0.0145	0.000609	9.44	0.299	583	0.000476	0.000476	0.0000058	0.0125	0.00912	0.5	0.0576	0.0000123	139	0.0000966	0.0135	0.000688	0.00274	0.0523	0.0000426	24.6	70.3	0.219	0.00775	3.88	0.0427	0.028	0.000313	0.00224	0.00114	1.35	0.00000417	0.00847	0.00151	0.00287	
2086 Jan	852	0.0354	0.0145	0.000609	9.44	0.299	583	0.000476	0.000476	0.0000058	0.0125	0.00912	0.5	0.0576	0.0000123	139	0.0000966	0.0135	0.000688	0.00274	0.0523	0.0000425	24.6	70.2	0.219	0.00774	3.88	0.0427	0.028	0.000312	0.00223	0.00114	1.35	0.00000416	0.00846	0.00151	0.00286	
2086 Feb	851	0.0354	0.0145	0.000609	9.45	0.299	583	0.000476	0.000476	0.0000058	0.0125	0.00911	0.499	0.0576	0.0000123	139	0.0000966	0.0135	0.000689	0.00274	0.0524	0.0000425	24.6	70.2	0.219	0.00774	3.89	0.0427	0.028	0.000313	0.00223	0.00114	1.35	0.00000416	0.00846	0.00151	0.00286	
2086 Mar	851	0.0354	0.0145	0.000609	9.46	0.299	583	0.000476	0.000476	0.0000058	0.0125	0.00911	0.499	0.0576	0.0000123	139	0.0000966	0.0135	0.000689	0.00274	0.0524	0.0000425	24.6	70.2	0.219	0.00774	3.89	0.0427	0.0281	0.000313	0.00223	0.00114	1.35	0.00000416	0.00846	0.00151	0.00286	
2086 Apr	852	0.0355	0.0146	0.00061	9.48	0.299	583	0.000477	0.000477	0.0000058	0.0125	0.00913	0.5	0.0577	0.0000124	139	0.0000967	0.0136	0.00069	0.00274	0.0525	0.0000426	24.6	70.3	0.22	0.00775	3.9	0.0428	0.0281	0.000314	0.00224	0.00114	1.35	0.00000417	0.00847	0.00151	0.00287	
2086 May	851	0.0358	0.0147	0.000614	9.63	0.299	582	0.000482	0.000482	0.0000058	0.0125	0.00911	0.499	0.0579	0.0000124	139	0.0000966	0.0135	0.000695	0.00275	0.0534	0.0000425	24.6	70.1	0.22	0.00773	3.95	0.0427	0.0284	0.000323	0.00223	0.00114	1.35	0.00000417	0.00845	0.00152	0.00287	
2086 Jun	688	0.0354	0.0146	0.000685	10.3	0.241	463	0.000583	0.000583	0.0000056	0.0113	0.0075	0.398	0.0513	0.0000108	114	0.0000811	0.0108	0.000627	0.00236	0.0583	0.0000358	19.8	56.2	0.187	0.00616	4.11	0.0341	0.0327	0.000366	0.00182	0.000922	1.09	0.00000371	0.00671	0.00139	0.00268	
2086 Jul	698	0.0338	0.0144	0.000694	10	0.245	470	0.000591	0.000591	0.0000057	0.0115	0.00761	0.404	0.0514	0.000011	116	0.0000825	0.011	0.000625	0.00238	0.0575	0.0000364	20.1	57.1	0.188	0.00626	4.03	0.0347	0.0328	0.000352	0.00185	0.000935	1.11	0.00000377	0.00683	0.0014	0.00274	
2086 Aug	736	0.0322	0.0141	0.000677	9.65	0.259	499	0.00057	0.00057	0.0000058	0.0118	0.00799	0.429	0.0527	0.0000114	121	0.0000861	0.0116	0.000636	0.00247	0.0557	0.000038	21.2	60.4	0.195	0.00663	3.92	0.0367	0.0316	0.000335	0.00195	0.000987	1.17	0.00000389	0.00724	0.00142	0.00279	
2086 Sep	770	0.0308	0.0135	0.000647	9.14	0.271	525	0.000539	0.000539	0.0000058	0.0119	0.00831	0.45	0.0534	0.0000117	126	0.0000889	0.0122	0.000638	0.00253	0.0526	0.0000394	22.2	63.3	0.2	0.00697	3.73	0.0386	0.0298	0.000307	0.00204	0.00103	1.22	0.00000397	0.00762	0.00142	0.00281	
2086 Oct	802	0.0298	0.0132	0.00621	8.75	0.282	548	0.00051	0.00051	0.0000057	0.0121	0.00862	0.471	0.0544	0.0000119	131	0.0000921	0.0127	0.000647	0.0026	0.0507	0.0000407	23.2	66.1	0.206	0.00728	3.6	0.0403	0.0284	0.000292	0.00212	0.00107	1.27	0.00000404	0.00796	0.00144	0.00284	
2086 Nov	807	0.0297	0.0132	0.000618	8.7	0.284	552	0.000506	0.000506	0.0000058	0.0121	0.00866	0.473	0.0545	0.000012	131	0.0000925	0.0128	0.000648	0.00261	0.0504	0.0000408	23.3	66.5	0.207	0.00732	3.59	0.0405	0.0283	0.00029	0.00213	0.00108	1.28	0.00000405	0.00801	0.00144	0.00284	
2086 Dec	809	0.0296	0.0131	0.000616	8.67	0.285	554	0.000504	0.000504	0.0000058	0.0121	0.00868	0.475	0.0546	0.000012	132	0.0000927	0.0129	0.000648	0.00261	0.0503	0.0000409	23.4	66.7	0.207	0.00735	3.58	0.0406	0.0282	0.000289	0.00214	0.00108	1.28	0.00000406	0.00804	0.00144	0.00285	
2087 Jan	809	0.0296	0.0131	0.000616	8.67	0.285	554	0.000504	0.000504	0.0000058	0.0121	0.00868	0.475	0.0546	0.000012	132	0.0000927	0.0129	0.000648	0.00261	0.0503	0.0000409	23.4	66.7	0.207	0.00735	3.58	0.0406	0.0282	0.000289	0.00214	0.00108	1.28	0.00000406	0.00804	0.00144	0.00285	
2087 Feb	809	0.0296	0.0131	0.000616	8.68	0.285	554	0.000504	0.000504	0.0000058	0.0121	0.00868	0.475	0.0546	0.000012	132	0.0000927	0.0129	0.000649	0.00261	0.0503	0.0000409	23.4	66.7	0.207	0.00735	3.58	0.0406	0.0282	0.000289	0.00214	0.00108	1.28	0.00000406	0.00804	0.00144	0.00285	
2087 Mar	809	0.0297	0.0131	0.000616	8.68	0.285	554	0.000504	0.000504	0.0000058	0.0121	0.00869	0.475	0.0546	0.000012	132	0.0000928	0.0129	0.000649	0.00261	0.0503	0.0000409	23.4	66.7	0.208	0.00735	3.58	0.0406	0.0282	0.000289	0.00214	0.00108	1.28	0.00000406	0.00804	0.00144	0.00285	
2087 Apr	810	0.0297	0.0132	0.000617	8.69	0.285	554	0.000504	0.000504	0.0000058	0.0122	0.00869	0.476	0.0547	0.000012	132	0.0000928	0.0129	0.00065	0.00262	0.0504	0.000041	23.4	66.8	0.208	0.00735	3.58	0.0407	0.0282	0.00029	0.00214	0.00109	1.28	0.00000406	0.00805	0.00144	0.00285	
2087 May	776	0.0318	0.0137	0.000637	9.36	0.273	528	0.00053	0.00053	0.0000057	0.0119	0.00837	0.454	0.0542	0.0000117	127	0.0000895	0.0123	0.000652	0.00256	0.0539	0.0000395	22.4	63.9	0.204	0.00702	3.8	0.0388	0.0298	0.000325	0.00205	0.00104	1.23	0.00000397	0.00767	0.00144	0.00281	
2087 Jun	653	0.0386	0.0154	0.000705	11.6	0.227	435	0.000618	0.000618	0.0000056	0.011	0.0072	0.373	0.0522	0.0000105	111	0.0000773	0.0102	0.000655	0.00232	0.0655	0.0000343	18.8	53.2	0.187	0.00579	4.49	0.0322	0.0349	0.000443	0.00172	0.000877	1.04	0.00000362	0.0063	0.00142	0.00264	
2087 Jul	688	0.0376	0.0153	0.000696	11.3	0.24	460	0.000605	0.000605	0.0000057	0.0113	0.00755	0.395	0.0536	0.0000109	116	0.0000809	0.0107	0.000669	0.00241	0.0647	0.0000358	19.8	56.2	0.194	0.00612	4.43	0.034	0.0343	0.000435	0.00182	0.000924	1.1	0.00000374	0.00668	0.00146	0.00271	
2087 Aug	718	0.037	0.0153	0.00069	11.2	0.25	482	0.000597	0.000597	0.0000058	0.0116	0.00786	0.414	0.0549	0.0000112	120	0.0000884	0.0112	0.000683	0.00248	0.0643	0.0000371	20.7	58.7	0.201	0.00641	4.39	0.0356	0.0339	0.00043	0.00189	0.000965	1.15	0.00000384	0.00699	0.00149	0.00277	
2087 Sep	759	0.0354	0.015	0.000665	10.8	0.265	512	0.000568	0.000568	0.0000058	0.0119	0.00825	0.44	0.0562	0.0000116	126	0.000088	0.0119	0.000695	0.00257	0.0622	0.0000388	21.9	62.2	0.208	0.0068	4.25	0.0377	0.0324	0.000413	0.002	0.00102	1.21	0.00000395	0.00743	0.00152	0.00282	
2087 Oct	792	0.0339	0.0145	0.000635	10.2	0.276	537	0.000535	0.000535	0.0000058	0.012	0.00856	0.461	0.057	0.0000118	131	0.0000911	0.0125	0.000699	0.00263	0.0596	0.0000401	22.8	65.1	0.213	0.00712	4.06	0.0395	0.0307	0.000391	0.00209	0.00106	1.26	0.00000403	0.00779	0.00153	0.00285	
2087 Nov	796	0.0339	0.0143	0.00063	10.1	0.278	541	0.00053	0.00053	0.0000058	0.0121	0.0086	0.464	0.057	0.0000119	131	0.0000915	0.0126	0.000697	0.00264	0.0589	0.0000403	23	65.5	0.214	0.00717	4.02	0.0397	0.0304	0.000384	0.0021	0.00107	1.27	0.00000404	0.00785	0.00153	0.00285	
2087 Dec	800	0.0337	0.0143	0.000626	10	0.279	544	0.000525	0.000525	0.0000058	0.0121	0.00864	0.466	0.057	0.0000119	132	0.0000919	0.0127	0.000698	0.00264	0.0586	0.0000405	23.1	65.8	0.214	0.00721	3.99	0.04	0.0302	0.000381	0.00211	0.00107	1.27	0.00000404	0.00787	0.00153	0.00285	
2088 Jan	801	0.0337	0.0143	0.000625	10	0.28	544	0.000525	0.000525	0.0000058	0.0121	0.00865	0.467	0.0571	0.0000119	132	0.0000919	0.0127	0.000698	0.00264	0.0585	0.0000405	23.1	65.9	0.214	0.00722	3.99	0.04	0.0302	0.00038	0.00211	0.00107	1.27	0.00000404	0.0079	0.00153	0.00285	
2088 Feb	801	0.0337	0.0143	0.000625	10	0.28	544	0.000525	0.000525	0.0000058	0.0121	0.00865	0.466	0.0571	0.0000119	132	0.0000919	0.0127	0.000698	0.00264	0.0585	0.0000405	23.1	65.9	0.214	0.00721	3.99	0.04	0.0302	0.00038	0.00211	0.00107	1.27	0.00000404	0.00789	0.00153	0.00285	
2088 Mar	801	0.0337	0.0143	0.000625	10	0.28	544	0.000525	0.000525	0.0000058	0.0121	0.00865	0.467	0.0571	0.0000119	132	0.0000919	0.0127	0.000698	0.00265	0.0586	0.0000405	23.1	65.9	0.214	0.00722	4	0.04	0.0302	0.000381	0.00211	0.00107	1.27	0.00000405	0.0079	0.00153	0.00286	
2088 Apr	803	0.0338	0.0143	0.000627	10.1	0.28	546	0.000527	0.000527	0.0000058	0.0121	0.00867	0.468	0.0573	0.0000119	132	0.0000922	0.0127	0.000701	0.00265	0.0588	0.0000406	23.2	66.1	0.215	0.00723	4.01	0.0401	0.0303	0.000382	0.00212	0.00108	1.28	0.00000406	0.00792	0.00153	0.00286	
2088 May	809	0.034	0.0144	0.00063	10.1	0.282	550	0.000529	0.000529	0.0000059	0.0122	0.00873	0.471	0.0576	0.000012	133	0.0000929	0.0128	0.000705	0.00267	0.0591	0.0000409	23.4	66.5	0.217	0.00729	4.03	0.0404	0.0305	0.000384	0.00213	0.00109	1.29	0.00000408	0.00798	0.00154	0.00288	
2088 Jun	698	0.0302	0.0133	0.000686	9.44	0.245	471	0.0006	0.0006	0.0000058	0.0115	0.0076	0.405	0.0509	0.000011	116	0.0000829	0.011	0.000616	0.00237	0.0563	0.0000365	20.1	57.2	0.187	0.00626	3.79	0.0347	0.0326	0.00034	0.00186	0.000936	1.11	0.00000379	0.00684	0.00139	0.00278	
2088 Jul	698	0.0292	0.0131	0.000699	9.29	0.245	472	0.000614	0.000614	0.0000058	0.0117	0.00761	0.406	0.0506	0.0000111	115	0.0000833	0.011	0.000611	0.00237	0.056	0.0000367	20.1	57.2	0.186	0.00626	3.74	0.0348	0.0331	0.000331	0.00187	0.000936	1.11	0.00000382	0.00685	0.00139	0.00282	
2088 Aug	732	0.029	0.0132	0.000697	9.25	0.257	495	0.000608	0.000608	0.0000059	0.012	0.00795	0.426	0.0523	0.0000115	121	0.0000868	0.0115	0.000629	0.00246	0.056	0.0000382	21.1	60	0.194	0.00658	3.74	0.0365	0.0328	0.00033	0.00195	0.000981	1.16	0.00000394	0.0072	0.00143	0.00289	
2088 Sep	769	0.0278	0.013	0.000672	8.92	0.27	523	0.000581	0.000581	0.000006	0.0122	0.00831	0.449	0.0536	0.0000118	126	0.0000903	0.0122	0.000643	0.00254	0.0546	0.0000397	22.2	63.2	0.201	0.00693	3.63	0.0385	0.0315	0.00032	0.00205	0.00103	1.22	0.00000404	0.00759	0.00146	0.00294	
2088 Oct	774	0.0294	0.0123	0.00065	8.62	0.272	527	0.00056	0.00056	0.0000059	0.0122	0.00835	0.453	0.0532	0.0000118	126	0.0000905	0.0123	0.000632	0.00254	0.0522	0.0000398	22.4	63.7	0.2	0.007	3.5	0.0388	0.0307	0.000295	0.00206	0.00104	1.23	0.00000403	0.00766	0.00143	0.00289	
2088 Nov	766	0.0308	0.0121	0.000651	8.62	0.27	522	0.000562	0.000562	0.0000059	0.0122	0.00827	0.449	0.0527	0.0000117	125	0.0000896	0.0121	0.000624	0.00252	0.0517	0.0000395	22.1	63	0.197	0.00694	3.48	0.0384	0.0309	0.000286	0.00203	0.00103	1.21	0.000004	0.00758	0.00141	0.00286	
2088 Dec	769	0.0308	0.012	0.000648	8.58	0.271	524	0.000559	0.000559	0.0000059	0.0122	0.00829	0.45	0.0527	0.0000117	126	0.0000898	0.0122	0.000624	0.00253	0.0515	0.0000395	22.2	63.2	0.198	0.00696	3.47	0.0385	0.0308	0.000285	0.00204	0.00103	1.22	0.000004	0.00761	0.00141	0.00286	
2088 Jan	768	0.0308	0.012	0.000648	8.59	0.271	524	0.00056	0.00056	0.0000059	0.0122	0.00829	0.45	0.0527	0.0000117	126	0.0000898	0.0122	0.000624	0.00253	0.0515	0.0000395	22.2	63.2	0.198	0.00696	3.47	0.0385	0.0308	0.000285	0.00204	0.00103	1.22	0.000004	0.00761	0.00141	0.00286	
2089 Feb	768	0.0308	0.012	0.000648	8.6	0.271	524	0.00056	0.00056	0.0000059	0.0122	0.00829	0.45	0.0527	0.0000117	126	0.0000898	0.0122	0.000625	0.00253	0.0516	0.0000395	22.2	63.2	0.198	0.00696	3.47	0.0385	0.0308	0.000285	0.00204	0.00103	1.22	0.000004	0.0076	0.00141	0.00286	
2089 Mar	768	0.0309	0.0121	0.000648	8.61	0.271	524	0.00056	0.00056	0.0000059	0.0122	0.00829	0.45	0.0528	0.0000117	126	0.0000898	0.0122	0.000625	0.00253	0.0516	0.0000395	22.2	63.2	0.198	0.00696	3.48	0.0385	0.0308	0.000285	0.00204	0.00103	1.22	0.000004	0.00761	0.00141	0.00286	
2089 Apr	770	0.0309	0.0121	0.00065	8.63	0.272	525	0.000561	0.000561	0.0000059	0.0122	0.0083	0.451	0.0529	0.0000118	126	0.0000899	0.0122	0.000626	0.00253	0.0517	0.0000396	22.2	63.3	0.198	0.00697	3.49	0.0386	0.0309	0.000286	0.00204	0.00103	1.22	0.00000401	0.00762	0.00141	0.00287	
2089 May	731	0.0335	0.0128	0.000674	9.47	0.257	495	0.000591	0.000591	0.0000058	0.0119	0.00794	0.426	0.0525	0.0000114	121	0.0000861	0.0115	0.000632	0.00247	0.0561	0.000038	21.1	60	0.194	0.00659	3.76	0.0365	0.0327	0.00033	0.00194	0.00098	1.16	0.00000391	0.00719	0.00142	0.00282	
2089 Jun	643	0.0388	0.0144	0.000724	11.3	0.224	427	0.000653	0.000653	0.0000057	0.0112	0.00711	0.368	0.0514	0.0000105	109	0.0000773	0.01	0.000641	0.00231	0.0654	0.0000341	18.5	52.3	0.183	0.0057	4.34	0.0317	0.0365	0.000427	0.0017	0.000863	1.03	0.00000365	0.0062	0.00141	0.00269	
2089 Jul	684	0.037	0.014	0.000705	10.9	0.239	458	0.000631	0.000631	0.0000056	0.0115	0.00751	0.393	0.0528	0.000011	115	0.0000812	0.0107	0.000654	0.0024	0.0637	0.0000359	19.7	55.8	0.191	0.00609	4.21	0.0338	0.0353	0.000412	0.00181	0.000918	1.09	0.00000378	0.00664	0.00144	0.00275	
2089 Aug	714	0.0349	0.0136	0.000689	10.4	0.25	480	0.000614	0.000614	0.0000059	0.0117	0.00781	0.413	0.0536	0.0000113	119	0.0000839	0.0112	0.000658	0.00246	0.0618	0.0000372	20.6	58.4	0.196	0.00639	4.07	0.0354	0.0342	0.000392	0.00189	0.000958	1.14	0.00000387	0.00697	0.00145	0.00279	
2089 Sep	762	0.033	0.013	0.000648

Appendix D.2-5: CP6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	666	0.365	1.28	0.0235	306	0.0659	97.2	0.000109	0.000109	0.0000052	0.00836	0.00223	0.0906	0.0176	0.00000627	30	0.0000349	0.00238	0.000175	0.000929	0.0352	0.0000155	4.73	12.4	0.045	0.00135	200	0.00784	0.00985	0.000106	0.000564	0.00022	0.257	0.00000238	0.00143	0.000639	0.00227	
Operation (2026-2036): Mean	6040	3.26	11.6	0.206	2750	0.525	1050	0.000303	0.000303	0.0000774	0.0187	0.0156	0.896	0.0839	0.0000195	234	0.000163	0.0242	0.000949	0.00429	0.0393	0.0000712	43.3	124	0.347	0.0138	1810	0.0761	0.0193	0.000151	0.00392	0.00199	2.35	0.0000064	0.0152	0.00214	0.00423	
Operation (2026-2036): Max	10700	6.31	22.7	0.401	5340	0.665	1340	0.000926	0.000926	0.0000851	0.0218	0.0196	1.14	0.103	0.0000236	296	0.000204	0.0309	0.00117	0.00527	0.0655	0.0000884	55.2	159	0.438	0.0176	3510	0.0972	0.0421	0.000434	0.00499	0.00254	2.99	0.00000764	0.0195	0.00261	0.00495	
2092 Jun	602	0.0369	0.0116	0.000632	10.1	0.211	401	0.000593	0.000593	0.0000533	0.0103	0.00665	0.345	0.0479	0.00000979	102	0.0000715	0.00938	0.000594	0.00215	0.0597	0.0000318	17.3	49.1	0.171	0.00536	3.78	0.0297	0.0332	0.000388	0.00159	0.000809	0.963	0.00000339	0.00582	0.0013	0.00245	
2092 Jul	631	0.0347	0.0112	0.000621	9.68	0.221	422	0.00058	0.00058	0.0000539	0.0106	0.00693	0.363	0.0486	0.0000101	106	0.0000745	0.00986	0.000598	0.00221	0.0579	0.0000331	18.2	51.5	0.175	0.00563	3.64	0.0312	0.0324	0.00037	0.00167	0.000846	1.01	0.00000348	0.00613	0.00131	0.00251	
2092 Aug	677	0.0332	0.011	0.0006	9.31	0.237	456	0.000556	0.000556	0.0000548	0.0109	0.00739	0.392	0.0504	0.0000106	113	0.0000792	0.0106	0.000616	0.00232	0.0565	0.0000351	19.5	55.5	0.185	0.00607	3.51	0.0337	0.0312	0.000358	0.00179	0.000909	1.08	0.00000362	0.00662	0.00135	0.00259	
2092 Sep	751	0.0295	0.0101	0.000539	8.32	0.263	512	0.000492	0.000492	0.0000549	0.0114	0.0081	0.439	0.0526	0.0000112	123	0.0000863	0.0119	0.000636	0.00246	0.052	0.0000381	21.7	61.9	0.198	0.00679	3.17	0.0376	0.0278	0.000323	0.00198	0.00101	1.19	0.0000038	0.00743	0.0014	0.00268	
2092 Oct	799	0.0274	0.0095	0.000496	7.62	0.28	547	0.000447	0.000447	0.0000547	0.0116	0.00855	0.469	0.0539	0.0000116	130	0.0000908	0.0127	0.000646	0.00256	0.0488	0.00004	23.1	66	0.206	0.00725	2.93	0.0401	0.0256	0.000298	0.00211	0.00107	1.27	0.00000391	0.00795	0.00142	0.00272	
2092 Nov	811	0.027	0.00927	0.000484	7.41	0.285	557	0.000434	0.000434	0.0000547	0.0117	0.00867	0.477	0.0541	0.0000117	132	0.0000092	0.0129	0.000647	0.00258	0.0478	0.0000405	23.5	67	0.208	0.00738	2.85	0.0408	0.025	0.000289	0.00214	0.00109	1.29	0.00000394	0.00809	0.00143	0.00273	
2092 Dec	812	0.027	0.00925	0.000484	7.4	0.285	557	0.000434	0.000434	0.0000547	0.0117	0.00868	0.478	0.0541	0.0000117	132	0.000092	0.0129	0.000647	0.00258	0.0477	0.0000405	23.5	67.1	0.208	0.00738	2.85	0.0408	0.0249	0.000288	0.00214	0.00109	1.29	0.00000394	0.00809	0.00143	0.00273	
2093 Jan	813	0.027	0.00924	0.000483	7.4	0.285	558	0.000433	0.000433	0.0000547	0.0117	0.00868	0.478	0.0542	0.0000117	132	0.0000921	0.013	0.000647	0.00258	0.0477	0.0000405	23.5	67.1	0.208	0.00739	2.85	0.0409	0.0249	0.000287	0.00214	0.00109	1.29	0.00000394	0.0081	0.00143	0.00273	
2093 Feb	813	0.027	0.00925	0.000483	7.4	0.285	558	0.000433	0.000433	0.0000547	0.0117	0.00869	0.478	0.0542	0.0000117	132	0.0000921	0.013	0.000648	0.00258	0.0477	0.0000405	23.5	67.2	0.208	0.00739	2.85	0.0409	0.0249	0.000288	0.00214	0.00109	1.29	0.00000394	0.0081	0.00143	0.00273	
2093 Mar	814	0.027	0.00925	0.000483	7.4	0.286	559	0.000433	0.000433	0.0000547	0.0117	0.0087	0.479	0.0542	0.0000117	132	0.0000922	0.013	0.000648	0.00259	0.0477	0.0000406	23.6	67.3	0.209	0.0074	2.85	0.0409	0.0249	0.000288	0.00214	0.00109	1.29	0.00000395	0.00811	0.00143	0.00274	
2093 Apr	815	0.0271	0.00927	0.000484	7.42	0.286	560	0.000433	0.000433	0.0000548	0.0117	0.00871	0.48	0.0544	0.0000117	132	0.0000924	0.013	0.00065	0.00259	0.0478	0.0000406	23.6	67.4	0.209	0.00742	2.86	0.041	0.025	0.000288	0.00215	0.00109	1.29	0.00000395	0.00813	0.00143	0.00274	
2093 May	809	0.0278	0.00958	0.00049	7.7	0.284	555	0.000441	0.000441	0.0000549	0.0117	0.00866	0.476	0.0546	0.0000117	132	0.0000918	0.0129	0.000656	0.00259	0.0494	0.0000404	23.4	66.9	0.209	0.00735	2.95	0.0407	0.0255	0.000305	0.00213	0.00109	1.29	0.00000394	0.00806	0.00144	0.00274	
2093 Jun	683	0.0332	0.0115	0.000578	9.67	0.238	460	0.000538	0.000538	0.0000054	0.0108	0.00746	0.395	0.0517	0.0000105	114	0.0000797	0.0107	0.000643	0.00234	0.0593	0.0000351	19.7	56	0.19	0.0061	3.62	0.0339	0.0307	0.0004	0.0018	0.000918	1.09	0.0000036	0.00667	0.0014	0.00259	
2093 Jul	708	0.0327	0.0115	0.000576	9.56	0.246	477	0.000535	0.000535	0.0000549	0.0111	0.0077	0.41	0.0528	0.0000108	118	0.0000823	0.0111	0.000655	0.0024	0.0591	0.0000362	20.4	58	0.195	0.00633	3.59	0.0352	0.0305	0.000396	0.00187	0.000951	1.13	0.00000369	0.00693	0.00143	0.00265	
2093 Aug	745	0.0314	0.0112	0.00056	9.24	0.259	504	0.000517	0.000517	0.0000556	0.0114	0.00807	0.433	0.0542	0.0000112	123	0.000086	0.0117	0.000668	0.00248	0.0579	0.0000378	21.5	61.2	0.202	0.00669	3.49	0.0371	0.0296	0.000385	0.00197	0.001	1.19	0.00000381	0.00732	0.00146	0.00271	
2093 Sep	785	0.0299	0.0106	0.000528	8.66	0.274	534	0.000483	0.000483	0.0000555	0.0116	0.00845	0.458	0.0552	0.0000115	129	0.0000898	0.0124	0.000675	0.00256	0.0551	0.0000395	22.7	64.6	0.209	0.00708	3.28	0.0393	0.0279	0.000361	0.00207	0.00105	1.25	0.00000391	0.00776	0.00148	0.00276	
2093 Oct	783	0.0321	0.00959	0.000511	8.17	0.275	535	0.000467	0.000467	0.0000555	0.0116	0.00841	0.458	0.0539	0.0000115	128	0.0000893	0.0124	0.000649	0.00254	0.0512	0.0000393	22.6	64.5	0.204	0.0071	3.08	0.0392	0.0273	0.000315	0.00206	0.00105	1.24	0.00000388	0.00776	0.00142	0.00269	
2093 Nov	777	0.0335	0.00918	0.000509	8.02	0.273	531	0.000466	0.000466	0.0000547	0.0116	0.00834	0.455	0.0532	0.0000114	127	0.0000886	0.0123	0.000636	0.00253	0.0497	0.0000391	22.5	64	0.201	0.00706	3.01	0.0389	0.0272	0.000295	0.00204	0.00104	1.23	0.00000386	0.00771	0.00139	0.00266	
2093 Dec	777	0.0336	0.00914	0.000509	8.01	0.273	531	0.000465	0.000465	0.0000547	0.0116	0.00834	0.455	0.0531	0.0000114	127	0.0000885	0.0123	0.000635	0.00253	0.0496	0.0000391	22.4	64	0.201	0.00706	3.01	0.0389	0.0272	0.000293	0.00204	0.00104	1.23	0.00000386	0.00771	0.00139	0.00266	
2094 Jan	778	0.0336	0.00913	0.000508	8	0.274	532	0.000464	0.000464	0.0000547	0.0116	0.00835	0.456	0.0531	0.0000114	127	0.0000886	0.0123	0.000635	0.00253	0.0496	0.0000391	22.5	64.1	0.201	0.00707	3.01	0.039	0.0272	0.000293	0.00204	0.00104	1.23	0.00000386	0.00772	0.00139	0.00266	
2094 Feb	778	0.0336	0.00914	0.000508	8.01	0.274	532	0.000464	0.000464	0.0000547	0.0116	0.00835	0.456	0.0532	0.0000114	127	0.0000886	0.0124	0.000636	0.00253	0.0496	0.0000391	22.5	64.1	0.201	0.00707	3.01	0.039	0.0272	0.000293	0.00204	0.00104	1.24	0.00000386	0.00772	0.00139	0.00266	
2094 Mar	778	0.0336	0.00915	0.000508	8.02	0.274	532	0.000465	0.000465	0.0000547	0.0116	0.00835	0.456	0.0532	0.0000114	127	0.0000886	0.0124	0.000636	0.00253	0.0497	0.0000391	22.5	64.1	0.201	0.00707	3.01	0.039	0.0272	0.000293	0.00204	0.00104	1.24	0.00000386	0.00772	0.00139	0.00266	
2094 Apr	779	0.0337	0.00917	0.000509	8.03	0.274	532	0.000465	0.000465	0.0000548	0.0116	0.00836	0.456	0.0533	0.0000114	127	0.0000887	0.0124	0.000637	0.00253	0.0497	0.0000392	22.5	64.2	0.201	0.00708	3.02	0.039	0.0273	0.000294	0.00204	0.00104	1.24	0.00000386	0.00773	0.00139	0.00266	
2094 May	760	0.0344	0.00975	0.00052	8.53	0.267	517	0.000478	0.000478	0.0000545	0.0114	0.00818	0.444	0.0533	0.0000112	125	0.0000868	0.012	0.000645	0.0025	0.0526	0.0000383	21.9	62.5	0.2	0.00688	3.19	0.038	0.0281	0.000326	0.00199	0.00102	1.21	0.0000038	0.00751	0.0014	0.00264	
2094 Jun	705	0.0371	0.0112	0.000559	9.85	0.246	475	0.000523	0.000523	0.0000542	0.011	0.00768	0.407	0.0531	0.0000107	118	0.0000816	0.0111	0.000659	0.00241	0.0598	0.000036	20.3	57.8	0.195	0.00632	3.64	0.035	0.0307	0.000403	0.00185	0.000947	1.13	0.00000366	0.00689	0.00142	0.00259	
2094 Jul	740	0.0364	0.0112	0.000554	9.71	0.258	500	0.000515	0.000515	0.0000553	0.0114	0.00803	0.429	0.0547	0.0000111	123	0.0000853	0.0117	0.000677	0.00249	0.0595	0.0000375	21.3	60.8	0.203	0.00665	3.6	0.0368	0.0304	0.000399	0.00194	0.000994	1.18	0.00000378	0.00726	0.00146	0.00267	
2094 Aug	789	0.0347	0.0108	0.000532	9.3	0.275	536	0.000491	0.000491	0.0000562	0.0118	0.00851	0.459	0.0565	0.0000116	130	0.0000901	0.0125	0.000695	0.0026	0.058	0.0000396	22.8	64.9	0.212	0.00711	3.46	0.0394	0.0291	0.000386	0.00207	0.00106	1.26	0.00000393	0.00778	0.00151	0.00275	
2094 Sep	828	0.0326	0.0101	0.000496	8.61	0.289	566	0.000454	0.000454	0.0000562	0.012	0.00888	0.484	0.0574	0.0000119	136	0.0000939	0.0131	0.000699	0.00268	0.0548	0.0000412	23.9	68.3	0.218	0.0075	3.22	0.0415	0.0272	0.000358	0.00217	0.00111	1.32	0.00000402	0.00821	0.00152	0.00279	
2094 Oct	841	0.0324	0.00921	0.000469	7.95	0.294	576	0.000428	0.000428	0.0000555	0.012	0.00898	0.494	0.0567	0.000012	137	0.0000949	0.0134	0.000683	0.00268	0.0508	0.0000416	24.3	69.4	0.217	0.00765	2.97	0.0422	0.0258	0.000316	0.0022	0.00113	1.34	0.00000403	0.00837	0.00149	0.00276	
2094 Nov	837	0.0332	0.00844	0.000456	7.51	0.294	575	0.000415	0.000415	0.0000548	0.012	0.00893	0.493	0.0555	0.0000119	136	0.0000943	0.0133	0.000661	0.00266	0.0476	0.0000414	24.2	69.2	0.213	0.00764	2.8	0.0421	0.0251	0.000281	0.00219	0.00112	1.33	0.000004	0.00835	0.00144	0.00271	
2094 Dec	833	0.0337	0.00836	0.000457	7.5	0.293	572	0.000417	0.000417	0.0000547	0.012	0.00888	0.49	0.0552	0.0000119	135	0.0000938	0.0133	0.000657	0.00265	0.0474	0.0000413	24.1	68.8	0.212	0.0076	2.8	0.0419	0.0252	0.000277	0.00218	0.00111	1.32	0.00000399	0.00831	0.00143	0.0027	
2095 Jan	834	0.0337	0.00835	0.000456	7.49	0.293	573	0.000415	0.000415	0.0000547	0.012	0.00889	0.491	0.0552	0.0000119	135	0.0000939	0.0133	0.000657	0.00265	0.0473	0.0000413	24.1	68.9	0.212	0.00761	2.79	0.0419	0.0252	0.000276	0.00218	0.00112	1.32	0.00000399	0.00832	0.00143	0.0027	
2095 Feb	834	0.0337	0.00836	0.000456	7.5	0.293	573	0.000416	0.000416	0.0000547	0.012	0.00889	0.491	0.0553	0.0000119	135	0.0000939	0.0133	0.000657	0.00265	0.0474	0.0000413	24.1	68.9	0.212	0.00761	2.8	0.0419	0.0252	0.000277	0.00218	0.00112	1.32	0.00000399	0.00832	0.00143	0.0027	
2095 Mar	834	0.0337	0.00837	0.000456	7.51	0.293	573	0.000416	0.000416	0.0000547	0.012	0.00889	0.491	0.0553	0.0000119	135	0.0000939	0.0133	0.000658	0.00265	0.0475	0.0000413	24.1	68.9	0.212	0.00761	2.8	0.0419	0.0252	0.000277	0.00218	0.00112	1.32	0.00000399	0.00832	0.00143	0.0027	
2095 Apr	835	0.0338	0.00839	0.000457	7.53	0.294	574	0.000416	0.000416	0.0000548	0.012	0.00891	0.491	0.0554	0.0000119	136	0.000094	0.0133	0.000659	0.00266	0.0476	0.0000414	24.2	69	0.212	0.00762	2.8	0.042	0.0253	0.000278	0.00218	0.00112	1.32	0.000004	0.00833	0.00143	0.00271	
2095 May	811	0.0352	0.00897	0.000479	8.08	0.285	555	0.000439	0.000439	0.0000548	0.0118	0.00868	0.476	0.0551	0.0000117	132	0.0000917	0.0129	0.000662	0.00262	0.0504	0.0000404	23.4	66.9	0.21	0.00738	2.99	0.0407	0.0265	0.000305	0.00212	0.00109	1.29	0.00000394	0.00806	0.00144	0.00268	
2095 Jun	770	0.0375	0.01	0.000519	9.05	0.27	524	0.000482	0.000482	0.0000551	0.0116	0.00831	0.449	0.0548	0.0000113	127	0.0000879	0.0122	0.000669	0.00255	0.0554	0.0000387	22.2	63.4	0.205	0.00697	3.33	0.0385	0.0289	0.000354	0.00202	0.00103	1.23	0.00000385	0.0076	0.00144	0.00266	
2095 Jul	796	0.0375	0.0101	0.000522	9.07	0.279	542	0.000484	0.000484	0.0000562	0.0119	0.00857	0.464	0.0562	0.0000117	131	0.0000907	0.0126	0.000684	0.00262	0.0559	0.0000399	23	65.5	0.211	0.0072	3.34	0.0398	0.029	0.000356	0.00208	0.00107	1.27	0.00000395	0.00786	0.00148	0.00273	
2095 Aug	826	0.0357	0.00973	0.000502	8.66	0.289	564	0.000463	0.000463	0.0000565	0.0121	0.00886	0.483	0.0571	0.000012	135	0.0000936	0.0131	0.000692	0.00268	0.0542	0.0000412	23.9	68.1	0.216	0.00749	3.21	0.0414	0.0278	0.000342	0.00216	0.00111	1.31	0.00000403	0.00818	0.0015	0.00277	
2095 Sep	854	0.0335	0.00918	0.000476	8.12	0.299	585	0.000436	0.000436	0.0000565	0.0122	0.00913	0.501	0.0576	0.0000122	139	0.0000962	0.0136	0.000693	0.00273	0.0516	0.0000423	24.7	70.5	0.221	0.00777	3.02	0.0429	0.0263	0.000319	0.00224	0.00114	1.36	0.0000041	0.0085	0.0015	0.0028	
2095 Oct	880	0.0315	0.00874	0.000448	7.62	0.309	605	0.000408	0.000408	0.0000563	0.0123	0.00938	0.518	0.0582	0.0000124	143	0.0000987	0.014	0.000697	0.00278	0.0494	0.0000433	25.5	72.8	0.225	0.00803	2.84	0.0443	0.0248	0.000303	0.00231	0.00118	1.4	0.00000415	0.00879	0.00152	0.00282	
2095 Nov	887	0.0309	0.00836	0.000434	7.31	0.311	611	0.000394	0.000394	0.0000559	0.0123	0.00943	0.523	0.058	0.0000124	144	0.0000992	0.0142	0.000692	0.00278	0.0477	0.0000436	25.7	73.4	0.225	0.0081	2.73	0.0447	0.024	0.000288	0.00232	0.00119	1.41	0.00000416	0.00887	0.00151	0.00281	
2095 Dec	882	0.0314	0.00828	0.000436	7.31	0.31	608	0.000396	0.000396	0.0000558	0.0123	0.00938	0.52	0.0577	0.0000124	143	0.0000987	0.0141	0.000687	0.00277	0.0475	0.0000434	25.5	73	0.224	0.00806	2.72	0.0445	0.0241	0.000283	0.00231	0.00118	1.4	0.00000414	0.00882	0.0015	0.0028	
2096 Jan	883	0.0314	0.00826	0.000435	7.29	0.31	608	0.000395	0.000395	0.0000558	0.0123	0.00939	0.521	0.0577	0.0000124	143	0.0000988	0.0141	0.000687	0.00277	0.0474	0.0000434	25.6	73.1	0.224	0.00807	2.72	0.0445	0.0241	0.000283	0.00231	0.00118	1.4	0.00000414	0.00883	0.0015	0.0028	
2096 Feb	883	0.0314	0.00828	0.000435	7.31	0.31	608	0.000395	0.000395	0.0000558	0.0123	0.00939	0.521	0.0577	0.0000124	143	0.0000988	0.0141	0.000687	0.00277	0.0475	0.0000434	25.6	73.1	0.224	0.00806	2.73	0.0445	0.0241	0.000283	0.00231	0.00118	1.4	0.00000414	0.00883	0.0015	0.0028	
2096 Mar	883	0.0315	0.00829	0.000435	7.32	0.31	608	0.000395	0.000395	0.0000558	0.0123	0.00939	0.521	0.0577	0.0000124	143	0.0000988	0.0141	0.000688	0.00277	0.0476	0.0000434	25.6	73.1	0.224	0.00806	2.73	0.0445	0.0241	0.000283	0.00231	0.00118	1.4	0.00000414	0.00883	0.0015	0.0028	
2096 Apr	884	0.0316	0.00831	0.000436	7.34	0.31	609	0.000396	0.000396	0.0000559	0.0123	0.0094	0.521	0.0578	0.0000124	143	0.0000989	0.0141	0.000689	0.00277	0.0477	0.0000435	25.6	73.2	0.224	0.00807	2.74	0.0445	0.0242	0.000284	0.00231	0.00118	1.4	0.00000415	0.00884	0.0015	0.0028	
2096 May	889	0.0305	0.0083	0.000425	7.26	0.312	613	0.000386	0.000386	0.0000556	0.0123	0.00945	0.524	0.0581	0.0000124	144	0.0000993	0.0142	0.000693	0.00278	0.0476	0.0000436	25.7	73.6	0.226	0.00812	2.71	0.0448	0.0236	0.000288	0.00233	0.00119	1.41	0.00000415	0.00889	0.00151	0.00281	
2096 Jun	714	0.0258	0.00844	0.000522	7.22	0.25	487	0.000493	0.000493	0.0000534	0.0111	0.00769	0.418	0.0492	0.0000108	117	0.0000832	0.0113	0.000589	0.00233	0.0482	0.0000365	20.6	58.8	0.186	0.00645	2.74	0.0358	0.0273	0.000283	0.0019	0.000957	1.13	0.00000367	0.00707	0.00133	0.00264	
2096 Jul	725	0.0249	0.00835	0.00053	7.08	0.254	495	0.0005	0.0005	0.0000543	0.0113	0.0078	0.425	0.0495	0.000011	118	0.0000846	0.0115	0.000591	0.00236	0.0479	0.0000371	20.9	59.7	0.187	0.00656	2.71	0.0363	0.0275	0.000276	0.00193	0.000971	1.15	0.00000373	0.00718	0.00134	0.00269	
2096 Aug	758	0.0244	0.00825	0.00052	6.94	0.266	519	0.000489	0.000489	0.0000551	0.0116	0.00814	0.445	0.051	0.0000113	123	0.0000888	0.0121	0.000607	0.00244	0.0476	0.0000385	21.9	62.5	0.195	0.00687	2.66	0.0381	0.027	0.000273	0.00202	0.00102	1.2	0.00000384	0.00753	0.00138	0.00275	
2096 Sep	780	0.0249	0.00776	0.000498	6.64	0.274	535	0.000467	0.000467	0.0000555	0.0117	0.00834	0.459	0.0515	0.0000115	126	0.0000899	0.0124	0.000609	0.00249	0.0457	0.0000394	22.6	64.4	0.198	0.00709	2.54	0.0392	0.0261	0.000254	0.00207	0.00104	1.24	0.00000388	0.00777	0.00138	0.00275	
2096 Oct	781	0.0275	0.00703	0.000479	6.37	0.276	537	0.000449	0.000449	0.0000542	0.0117	0.00834	0.461	0.0508	0.0000114	126	0.0000895	0.0125	0.000593	0.00248	0.043	0.0000393	22.6	64.5	0.195	0.00713	2.41	0.0393	0.0255	0.000223	0.00206	0.00104	1.24	0.00000386	0.0078	0.00133	0.00269	
2096 Nov	783	0.0278	0.00692	0.000475	6.32	0.277	539	0.000445	0.000445	0.0000542	0.0117	0.00836	0.463	0.0508	0.0000114	126	0.0000897	0.0125	0.000592	0.00249	0.0425	0.0000394	22.7	64.7	0.195	0.00716	2.39	0.0395	0.0253	0.000218	0.00207	0.00105	1.24	0.00000386	0.00783	0.00133	0.00268	
2096 Dec	784	0.0278	0.0069	0.000475	6.31	0.277	539	0.000444	0.000444	0.0000542	0.0117	0.00836	0.463	0.0508	0.0000114	127	0.0000898	0.0125	0.000592	0.00249	0.0425	0.0000394	22.7	64.8	0.195	0.00717	2.39	0.0395	0.0253	0.000218	0.00207	0.00105	1.24	0.00000386	0.00784	0.00133	0.00268	
2097 Jan	785	0.0278	0.0069	0.000474	6.3	0.277	540	0.000443	0.000443	0.0000541	0.0117	0.00837	0.463	0.0508	0.0000115	127	0.0000898	0.0125	0.000593	0.00249	0.0424	0.0000395	22.7	64.8	0.195	0.00717	2.38	0.0395	0.0252	0.000217	0.00207	0.00105	1.24	0.00000386	0.00784	0.00133	0.00268	
2097 Feb	785	0.0278	0.00691	0.000474	6.31	0.277	540	0.000443	0.000443	0.0000541	0.0117	0.00837	0.463	0.0508	0.0000114	127	0.0000898	0.0125	0.000593	0.00249	0.0425	0.0000395	22.7	64.8	0.195	0.00717	2.39	0.0395	0.0252	0.000218	0.00207	0.00105	1.24	0.00000386	0.00784	0.00133	0.00268

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
Active Closure (2037-2043): Min	470	0.497	2.47	0.0337	147	0.106	102	0.000637	0.000637	0.000006	0.00971	0.00455	0.155	0.0288	0.00000691	41	0.0000432	0.00384	0.00048	0.00268	0.0428	0.0000199	6.42	14.2	0.105	0.00228	96.3	0.0132	0.0364	0.000077	0.000803	0.0000355	0.41	0.00000257	0.00131	0.00108	0.00231	1.41E-17
Active Closure (2037-2043): Mean	679	0.794	4.18	0.0514	247	0.139	166	0.00313	0.000992	0.00000694	0.0112	0.00845	0.216	0.0358	0.00000841	58.2	0.0000529	0.00521	0.000595	0.00357	0.0753	0.0000244	9.4	19.1	0.14	0.00346	159	0.0185	0.048	0.0000445	0.00106	0.000571	0.545	0.00000328	0.00179	0.00133	0.00264	0.000106
Active Closure (2037-2043): Max	1530	2.04	11.2	0.127	638	0.292	311	0.0123	0.00136	0.00000807	0.0159	0.0174	0.469	0.0468	0.0000107	89.2	0.0000914	0.0114	0.000774	0.00681	0.102	0.0000416	16.7	37.6	0.186	0.00688	417	0.041	0.057	0.000725	0.00203	0.00097	1.02	0.00000495	0.004	0.00167	0.00313	0.000542
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	494	0.063	0.0539	0.014	10.1	0.111	249	0.00769	0.000862	0.00000728	0.0104	0.0133	0.196	0.0293	0.0000103	86.1	0.0000458	0.00427	0.000514	0.00275	0.0526	0.0000207	12.1	17.7	0.159	0.00438	7.46	0.0135	0.0295	0.00022	0.00101	0.000938	0.508	0.00000434	0.00146	0.00111	0.00272	0.000338
Post Closure (2044-2099): Mean	645	0.212	0.87	0.0263	55.9	0.227	370	0.0105	0.00104	0.00000849	0.0136	0.0163	0.399	0.0386	0.0000121	108	0.000078	0.00928	0.000749	0.00544	0.0611	0.0000345	18.5	33.5	0.226	0.00709	38	0.0317	0.0343	0.000318	0.00184	0.00125	0.926	0.00000515	0.00323	0.00164	0.00328	0.000469
Post Closure (2044-2099): Max	853	0.57	2.77	0.0556	164	0.291	460	0.0157	0.00152	0.0000104	0.017	0.0195	0.512	0.0483	0.0000148	132	0.0001	0.012	0.000945	0.00699	0.0743	0.0000439	23	42.8	0.283	0.00887	110	0.0412	0.0462	0.000412	0.00236	0.00154	1.18	0.00000619	0.00417	0.0021	0.00411	0.000703
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00099	0.00099	0.000005	0.00723	0.0246	0.0115	0.0218	0.000005	18.5	0.0000189	0.000284	0.000264	0.000906	0.0635	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0517	0.000315	0.000159	0.0000677	0.116	0.00000335	0.0000821	0.000607	0.00168	0.000021
2026 Feb	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00099	0.00099	0.000005	0.00723	0.0246	0.0115	0.0218	0.000005	18.5	0.0000189	0.000284	0.000264	0.000906	0.0635	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0517	0.000316	0.000159	0.0000677	0.116	0.00000335	0.0000821	0.000608	0.00168	0.000021
2026 Mar	63	0.0704	0.0833	0.00315	16.2	0.03	5.58	0.000991	0.000991	0.00000501	0.00723	0.0251	0.0115	0.0218	0.00000501	18.5	0.0000189	0.000285	0.000264	0.000907	0.0636	0.0000099	1.42	2.42	0.044	0.00028	7.04	0.00129	0.0518	0.000316	0.000159	0.0000678	0.116	0.00000335	0.0000824	0.000608	0.00168	0.000021
2026 Apr	63.3	0.0708	0.0845	0.00317	16.3	0.0301	5.63	0.000994	0.000994	0.00000502	0.00726	0.0273	0.0116	0.0219	0.00000502	18.6	0.0000189	0.000287	0.000265	0.000911	0.0638	0.00000995	1.42	2.43	0.0442	0.000282	7.09	0.0013	0.0519	0.000317	0.00016	0.0000682	0.116	0.00000337	0.0000831	0.000611	0.00169	0.0000211
2026 May	68.6	0.0778	0.116	0.0036	18.4	0.0316	6.97	0.00101	0.00101	0.0000051	0.00739	0.0281	0.0137	0.0223	0.00000511	19.1	0.0000195	0.000337	0.000271	0.000947	0.0646	0.0000102	1.51	2.61	0.0454	0.000312	8.06	0.00148	0.0526	0.000321	0.00017	0.0000726	0.122	0.00000342	0.0001	0.000624	0.00172	0.0000213
2026 Jun	93.6	0.11	0.308	0.00583	29	0.0366	14.7	0.000972	0.000972	0.00000506	0.00744	0.0249	0.0255	0.0212	0.00000514	19.4	0.0000214	0.00062	0.000261	0.00105	0.0605	0.0000108	1.83	3.38	0.0457	0.00046	13.1	0.00249	0.0501	0.00029	0.000225	0.0000914	0.137	0.00000322	0.0002	0.000631	0.00176	0.0000184
2026 Jul	105	0.124	0.378	0.00677	33.5	0.0399	17.6	0.00101	0.00101	0.00000527	0.00778	0.0256	0.0301	0.0219	0.00000537	20.4	0.0000228	0.000731	0.000272	0.00113	0.0622	0.0000115	2.01	3.77	0.0481	0.000526	15.2	0.0029	0.0517	0.000296	0.00025	0.000101	0.148	0.00000332	0.000239	0.000661	0.00185	0.0000185
2026 Aug	137	0.168	0.59	0.00949	46.5	0.0479	26.4	0.00102	0.00102	0.00000548	0.00819	0.0265	0.0433	0.0229	0.00000566	22.5	0.0000253	0.00105	0.000291	0.00132	0.0634	0.0000126	2.48	4.83	0.0535	0.000715	21.3	0.00405	0.0525	0.0003	0.000308	0.000127	0.177	0.00000343	0.000351	0.000707	0.00193	0.0000187
2026 Sep	165	0.204	0.771	0.0118	57.5	0.0546	33.8	0.00103	0.00103	0.00000565	0.00851	0.0273	0.0544	0.0238	0.00000588	24.3	0.0000274	0.00132	0.000308	0.00148	0.0643	0.0000136	2.88	5.72	0.058	0.000875	26.4	0.00502	0.053	0.000303	0.000356	0.000148	0.201	0.00000351	0.000446	0.000745	0.002	0.0000188
2026 Oct	205	0.26	1.05	0.0153	74.4	0.0641	45.3	0.00101	0.00101	0.00000571	0.00875	0.027	0.0716	0.0243	0.00000604	26.4	0.00003	0.00174	0.000324	0.00169	0.0631	0.0000147	3.45	7.04	0.0634	0.00112	34.3	0.00652	0.0519	0.000295	0.000426	0.00018	0.236	0.00000351	0.000594	0.000781	0.00204	0.0000182
2026 Nov	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000606	26.5	0.0000301	0.00174	0.000325	0.0017	0.0633	0.0000147	3.46	7.06	0.0635	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000782	0.00205	0.0000182
2026 Dec	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00174	0.000325	0.0017	0.0633	0.0000147	3.46	7.06	0.0635	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000782	0.00205	0.0000182
2027 Jan	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00174	0.000325	0.0017	0.0634	0.0000147	3.46	7.06	0.0636	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000783	0.00205	0.0000182
2027 Feb	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00174	0.000325	0.0017	0.0634	0.0000147	3.46	7.06	0.0636	0.00113	34.4	0.00654	0.0521	0.000296	0.000427	0.000181	0.236	0.00000352	0.000596	0.000783	0.00205	0.0000182
2027 Mar	206	0.261	1.06	0.0154	74.7	0.0644	45.5	0.00101	0.00101	0.00000573	0.00879	0.027	0.0719	0.0244	0.00000607	26.5	0.0000301	0.00175	0.000325	0.0017	0.0634	0.0000147	3.46	7.07	0.0636	0.00113	34.4	0.00654	0.0522	0.000296	0.000427	0.000181	0.237	0.00000352	0.000596	0.000783	0.00205	0.0000182
2027 Apr	207	0.263	1.06	0.0155	75.1	0.0648	45.7	0.00102	0.00102	0.00000577	0.00884	0.0271	0.0723	0.0245	0.0000061	26.7	0.0000302	0.00175	0.000327	0.00171	0.0638	0.0000148	3.48	7.11	0.064	0.00113	34.6	0.00658	0.0524	0.000298	0.00043	0.000182	0.238	0.00000354	0.000599	0.000788	0.00206	0.0000183
2027 May	226	0.29	1.21	0.0172	83.6	0.0681	49.1	0.00103	0.00103	0.00000589	0.00906	0.0285	0.0775	0.0251	0.00000626	27.7	0.0000314	0.00188	0.000337	0.00179	0.0648	0.0000153	3.67	7.54	0.0665	0.00121	40	0.00703	0.0532	0.000302	0.000454	0.000192	0.25	0.00000361	0.000643	0.000812	0.00211	0.0000186
2027 Jun	249	0.323	1.45	0.0195	95.5	0.0679	51	0.000984	0.000984	0.00000569	0.00882	0.0269	0.0804	0.0234	0.00000607	26.6	0.0000315	0.00195	0.000316	0.00177	0.0601	0.0000151	3.69	7.61	0.0634	0.00123	49.9	0.00727	0.0502	0.000271	0.000468	0.000194	0.247	0.00000336	0.000668	0.000786	0.00208	0.0000159
2027 Jul	254	0.328	1.49	0.0199	97.6	0.0682	51.2	0.00101	0.00101	0.0000058	0.00899	0.0266	0.081	0.0234	0.00000619	26.6	0.0000321	0.00196	0.000314	0.00178	0.0603	0.0000154	3.7	7.62	0.0631	0.00123	51.7	0.00732	0.0509	0.000267	0.000477	0.000195	0.246	0.00000336	0.000671	0.000795	0.00214	0.0000162
2027 Aug	1240	1.32	6.83	0.0935	599	0.189	226	0.000826	0.000826	0.00000711	0.0126	0.0415	0.292	0.0356	0.00000932	52.4	0.0000688	0.00603	0.000548	0.0042	0.0544	0.0000308	12.6	22.8	0.149	0.00468	298	0.0266	0.0434	0.00023	0.00141	0.000629	0.789	0.000007	0.00317	0.0013	0.00289	0.0000569
2027 Sep	2320	2.7	14.3	0.201	1130	0.339	409	0.00051	0.00051	0.00000849	0.0158	0.0348	0.533	0.0465	0.0000123	81.8	0.000107	0.011	0.000759	0.00691	0.0376	0.0000454	22.5	40	0.272	0.00828	604	0.0472	0.0369	0.000109	0.00233	0.00107	1.58	0.000026	0.00568	0.017	0.00349	0.000338
2027 Oct	2250	2.81	14.9	0.208	1080	0.34	390	0.0000523	0.0000523	0.00000865	0.0157	0.0285	0.525	0.0451	0.0000121	81.9	0.000105	0.0111	0.000733	0.00689	0.0365	0.0000438	21.8	39.8	0.277	0.00795	606	0.0458	0.041	0.0000814	0.00222	0.00103	1.61	0.0000315	0.00532	0.00162	0.00341	0.000424
2027 Nov	2130	2.68	14.2	0.197	1020	0.325	369	0.0000549	0.0000549	0.00000846	0.0154	0.0263	0.5	0.0435	0.0000117	78.9	0.0001	0.0107	0.000705	0.00664	0.0372	0.0000423	20.7	38	0.261	0.00759	577	0.0436	0.0416	0.0000776	0.00212	0.000977	1.52	0.0000289	0.00503	0.00155	0.00329	0.000385
2027 Dec	2100	2.66	14.1	0.194	1010	0.322	364	0.0000555	0.0000555	0.00000841	0.0153	0.0256	0.494	0.0431	0.0000116	78.2	0.0000991	0.0106	0.000698	0.00658	0.0374	0.0000419	20.4	37.6	0.257	0.0075	570	0.0431	0.0416	0.0000765	0.00209	0.000966	1.49	0.0000328	0.00496	0.00154	0.00326	0.000373
2028 Jan	2080	2.63	13.9	0.192	997	0.319	361	0.00056	0.00056	0.00000838	0.0152	0.0254	0.489	0.0431	0.0000116	77.7	0.0000982	0.0105	0.000697	0.00652	0.0381	0.0000416	20.2	37.3	0.255	0.00742	564	0.0426	0.0419	0.0000797	0.00207	0.000956	1.48	0.0000278	0.00491	0.00153	0.00324	0.000369
2028 Feb	2070	2.62	13.8	0.191	991	0.317	359	0.000563	0.000563	0.00000836	0.0152	0.0252	0.486	0.0433	0.0000115	77.6	0.0000978	0.0104	0.0007	0.0065	0.039	0.0000414	20.1	37.1	0.255	0.00738	561	0.0424	0.042	0.0000849	0.00206	0.000952	1.47	0.0000276	0.00488	0.00153	0.00323	0.000367
2028 Mar	2060	2.61	13.8	0.191	988	0.316	357	0.000565	0.000565	0.00000835	0.0152	0.0252	0.484	0.0434	0.0000115	77.5	0.0000975	0.0104	0.000702	0.00648	0.0396	0.0000413	20.1	37	0.254	0.00736	559	0.0423	0.0422	0.0000884	0.00205	0.000949	1.47	0.0000275	0.00486	0.00154	0.00322	0.000365
2028 Apr	2070	2.62	13.8	0.191	992	0.317	359	0.00057	0.00057	0.00000839	0.0152	0.0253	0.486	0.0438	0.0000116	78	0.0000998	0.0104	0.000708	0.00651	0.0404	0.0000415	20.1	37.2	0.256	0.00739	561	0.0424	0.0425	0.0000916	0.00206	0.000953	1.47	0.0000276	0.00488	0.00155	0.00324	0.000367
2028 May	2140	2.74	14.3	0.211	1020	0.334	368	0.000598	0.000598	0.000009	0.0153	0.0347	0.497	0.0458	0.0000122	80.2	0.000101	0.0104	0.000714	0.00653	0.0404	0.0000413	21.3	37.6	0.294	0.00743	580	0.0427	0.0491	0.0000959	0.00206	0.000957	1.7	0.0000418	0.00502	0.00154	0.00343	0.000582
2028 Jun	1300	1.72	8.56	0.163	629	0.227	220	0.000761	0.000761	0.0000082	0.0107	0.0617	0.292	0.0333	0.00000988	50.6	0.0000711	0.00547	0.000419	0.0036	0.0357	0.0000249	14.7	21	0.265	0.00403	349	0.0235	0.0603	0.0000989	0.00115	0.000525	1.54	0.0000622	0.00306	0.000954	0.00311	0.000909
2028 Jul	969	1.37	6.58	0.148	469	0.188	161	0.000858	0.000858	0.00000813	0.00919	0.0345	0.214	0.0289	0.00000916	40.1	0.0000599	0.00367	0.000309	0.00253	0.0353	0.0000187	12.1	14.9	0.258	0.00269	264	0.016	0.0668	0.000102	0.000794	0.000356	1.5	0.0000717	0.00225	0.000737	0.00305	0.00106
2028 Aug	1120	1.59	7.7	0.167	541	0.216	188	0.000936	0.000936	0.00000905	0.0105	0.0412	0.253	0.0326	0.0000103	46.6	0.0000686	0.00448	0.000362	0.00303	0.0391	0.0000219	13.9	17.8	0.288	0.00321	307	0.0191	0.0727	0.000113	0.00095	0.000426	1.67	0.0000777	0.00262	0.000864	0.00342	0.00115
2028 Sep	1480	2.08	10.6	0.185	686	0.272	259	0.000869	0.000869	0.00000956	0.0131	0.0462	0.365	0.0378	0.0000114	62.7	0.000085	0.00751	0.000515	0.0047	0.0413	0.000031	16.9	27.1	0.295	0.00493	412	0.0295	0.0658	0.000109	0.00145	0.000653	1.7	0.0000641	0.00349	0.00121	0.00367	0.00093
2028 Oct	1010	1.43	7.44	0.0961	443	0.194	184	0.000793	0.000793	0.00000701	0.0124	0.014	0.274	0.0297	0.00000847	50.8	0.00006	0.00636	0.000438	0.00419	0.043	0.0000273	10.7	21.9	0.136	0.00412	281	0.0235	0.0492	0.0000514	0.00114	0.000526	0.776	0.0000137	0.0024	0.000961	0.00235	0.000166
2028 Nov	980	1.38	7.21	0.0923	429	0.189	178	0.000804	0.000804	0.00000696	0.0124	0.0129	0.266	0.0294	0.00000837	49.9	0.0000586	0.0062	0.00043	0.00411	0.0435	0.0000269	10.4	21.4	0.13	0.00403	273	0.0229	0.0496	0.0000497	0.00111	0.000513	0.744	0.0000126	0.00233	0.00094	0.00231	0.000148
2028 Dec	968	1.37	7.12	0.0912	424	0.187	176	0.000808	0.000808	0.00000694	0.0124	0.0128	0.263	0.0293	0.00000834	49.5	0.0000581	0.00613	0.000427	0.00407	0.0436	0.0000267	10.3	21.1	0.128	0.00399	269	0.0226	0.0497	0.0000494	0.00109	0.000507	0.736	0.0000125	0.0023	0.000931	0.00229	0.000147
2029 Jan	964	1.36	7.08	0.0907	421	0.186	175	0.000809	0.000809	0.00000693	0.0123	0.0127	0.262	0.0293	0.00000832	49.4	0.0000579	0.0061	0.000427	0.00406	0.0439	0.0000266	10.2	21	0.128	0.00397	268	0.0225	0.0498	0.0000512	0.00109	0.000505	0.733	0.0000124	0.00229	0.000931	0.00229	0.000146
2029 Feb	961	1.36	7.06	0.0904	420	0.186	175	0.00081	0.00081	0.00000692	0.0123	0.0127	0.261	0.0294	0.00000831	49.4	0.0000578	0.00608	0.00043	0.00405	0.0444	0.0000265	10.2	21	0.128	0.00396	267	0.0224	0.0498	0.0000539	0.00108	0.000504	0.731	0.0000124	0.00228	0.000935	0.00229	0.000145
2029 Mar	960	1.36	7.05	0.0903	420	0.186	175	0.00081	0.00081	0.00000692	0.0123	0.0127	0.261	0.0295	0.0000083	49.4	0.0000577	0.00607	0.000432	0.00405	0.0447	0.0000265	10.2	21	0.129	0.00395	267	0.0224	0.0499	0.0000558	0.00108	0.000503	0.731	0.0000123	0.00228	0.000938	0.00228	0.000145
2029 Apr	961	1.36	7.05	0.0903	420	0.186	175	0.000812	0.000812	0.00000693	0.0123	0.0127	0.261	0.0297	0.00000832	49.6	0.0000578	0.00608	0.000434	0.00405	0.045	0.0000266	10.2	21	0.129	0.00395	267	0.0224	0.05	0.0000572	0.00108	0.000504	0.732	0.0000124	0.00228	0.000941	0.00229	0.000145
2029 May	1040	1.47	7.72	0.0978	457	0.198	189	0.000813	0.000813	0.00000715	0.0128	0.0141	0.282	0.031	0.00000866	52.7	0.0000615	0.00659	0.000462	0.00434	0.0457	0.0000282	10.9	22.7	0.137	0.00425	291	0.0242	0.0501	0.0000603	0.00117	0.000544	0.776	0.0000125	0.00246	0.00101	0.00239	0.000145
2029 Jun	1180	1.66	8.96	0.109	521	0.208	207	0.000805	0.000805	0.00000736	0.0133	0.039	0.312	0.0309	0.00000904	55.5	0.0000681	0.00739	0.000494	0.00469	0.0449	0.0000307	11.7	25	0.142	0.00459	336	0.027	0.0459	0.0000794	0.00136	0.000605	0.789	0.00000957	0.00269	0.00117	0.00274	0.0000986
2029 Jul	368	0.492	2.63	0.0323	156	0.0732	61.7	0.000878	0.000878	0.00000536	0.00865	0.0126	0.0973	0.0162	0.00000585	22.4	0.0000342	0.00229	0.000208	0.00175	0.0398	0.0000154	3.97	8.04	0.0508	0.0014	100	0.00852	0.0421	0.0000965	0.000546	0.000204	0.259	0.00000393	0.000816	0.000664	0.00215	0.0000265
2029 Aug	472	0.64	3.46	0.0417	203	0.0895	79.4	0.000911	0.000911	0.0000058	0.00947	0.0149	0.124	0.0182	0.00000644	26.6	0.0000393	0.00293	0.000246	0.00213	0.0419	0.0000177	4.92	10.2	0.0613	0.00178	131	0.0109	0.0437	0.0000953	0.000663	0.000256	0.317	0.00000416	0.00104	0.000753	0.00233	0.000027
2029 Sep	1080	1.51	8.34	0.0963	478	0.178	182	0.000832	0.000832	0.00000702	0.0125	0.0237	0.278	0.0267	0.00000852	48.7	0.0000641	0.00667	0.00044	0.00418	0.043	0.0000287	10.2	22.3	0.118	0.004	311	0.0243	0.0411	0.0000979	0.0013	0.000547	0.636	0.0000045	0.00236	0.00117	0.00288	0.0000226
2029 Oct	1500	2.12	11.8	0.134	670	0.239	254	0.000727	0.000727	0.00000761	0.0143	0.0249	0.384	0.0323	0.0000097	63.9	0.00008	0.00928	0.000573	0.00561	0.0422	0.0000359	13.8	30.7	0.156	0.00556	438	0.0336	0.0377	0.0000904	0.00172	0.000748	0.855	0.00000441	0.00327	0.00143	0.00311	0.000016
2029 Nov	1190	1.7	9.26	0.106	530	0.198	200	0.

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2032 Jun	1200	1.7	9.41	0.107	536	0.194	202	0.000741	0.000741	0.00000684	0.0127	0.0211	0.306	0.0286	0.000085	53.2	0.0000668	0.00741	0.000488	0.00459	0.0428	0.0000302	11.1	24.7	0.126	0.00446	350	0.0268	0.0381	0.000106	0.0014	0.000603	0.678	0.0000003	0.0026	0.00123	0.00275	1.58E-08
2032 Jul	765	1.07	5.92	0.0674	338	0.127	127	0.000748	0.000748	0.00000571	0.01	0.0129	0.195	0.0209	0.00000676	36	0.0000485	0.00471	0.000333	0.00305	0.0383	0.0000218	7.22	15.8	0.0836	0.00282	221	0.0171	0.0363	0.0000958	0.000947	0.000391	0.439	0.00000245	0.00165	0.000918	0.00234	8.4E-09
2032 Aug	893	1.25	6.94	0.0789	396	0.147	149	0.000753	0.000753	0.00000608	0.0108	0.0142	0.228	0.023	0.0000073	40.9	0.0000537	0.00551	0.000375	0.00349	0.0392	0.0000243	8.36	18.4	0.0959	0.00329	259	0.02	0.0365	0.0000967	0.00108	0.000454	0.509	0.00000362	0.00193	0.00101	0.00248	8.03E-09
2032 Sep	1070	1.51	8.34	0.0947	476	0.174	179	0.000777	0.000777	0.00000666	0.012	0.0216	0.273	0.0261	0.00000813	47.9	0.0000614	0.00659	0.000436	0.00412	0.0414	0.000028	9.93	22	0.113	0.00395	311	0.0239	0.0381	0.0000983	0.00127	0.00054	0.605	0.0000029	0.00231	0.00114	0.0027	7.62E-09
2032 Oct	1300	1.84	10.2	0.116	582	0.209	219	0.000757	0.000757	0.00000719	0.0133	0.0278	0.332	0.0297	0.000009	56.7	0.0000712	0.00804	0.000513	0.00493	0.0424	0.0000323	12	26.7	0.135	0.00482	381	0.0291	0.038	0.0000979	0.00151	0.000653	0.731	0.00000316	0.00282	0.0013	0.00291	6.83E-09
2032 Nov	1460	2.07	11.5	0.13	652	0.233	245	0.000728	0.000728	0.00000746	0.0141	0.0237	0.372	0.0321	0.00000948	62.6	0.0000077	0.00899	0.000563	0.00547	0.0427	0.0000355	13.4	29.8	0.149	0.00542	427	0.0325	0.0379	0.0000901	0.00166	0.000726	0.815	0.00000331	0.00316	0.00138	0.00297	5.37E-09
2032 Dec	1380	1.97	10.8	0.123	617	0.224	232	0.000734	0.000734	0.00000728	0.0138	0.0185	0.352	0.0316	0.00000919	60.3	0.0000729	0.0085	0.000539	0.00525	0.0429	0.0000336	12.7	28.3	0.14	0.00519	403	0.0307	0.0397	0.0000765	0.00155	0.000687	0.775	0.00000321	0.00299	0.00129	0.00277	3.81E-09
2033 Jan	1340	1.92	10.5	0.119	599	0.219	225	0.000742	0.000742	0.00000721	0.0136	0.018	0.341	0.0316	0.00000906	59.4	0.0000742	0.00826	0.000537	0.00513	0.0443	0.0000329	12.4	27.6	0.138	0.00505	391	0.0299	0.0404	0.0000833	0.0015	0.000668	0.756	0.00000318	0.0029	0.00127	0.00272	3.7E-09
2033 Feb	1330	1.9	10.4	0.118	593	0.217	223	0.000745	0.000745	0.00000718	0.0136	0.0178	0.338	0.0321	0.00000902	59.4	0.0000706	0.00817	0.000545	0.0051	0.046	0.0000326	12.3	27.4	0.139	0.00499	387	0.0296	0.0407	0.0000936	0.00149	0.000662	0.751	0.00000317	0.00287	0.00128	0.00271	3.66E-09
2033 Mar	1320	1.89	10.3	0.117	591	0.216	222	0.000749	0.000749	0.00000719	0.0135	0.0177	0.336	0.0325	0.00000901	59.5	0.0000704	0.00814	0.00055	0.00509	0.0471	0.0000325	12.2	27.3	0.14	0.00497	385	0.0294	0.041	0.0000997	0.00148	0.00066	0.75	0.00000317	0.00286	0.00129	0.00271	3.64E-09
2033 Apr	1330	1.9	10.4	0.118	595	0.218	224	0.000759	0.000759	0.00000727	0.0137	0.0179	0.339	0.0331	0.00000911	60.3	0.0000711	0.00821	0.00056	0.00514	0.0484	0.0000328	12.3	27.6	0.142	0.00501	389	0.0297	0.0417	0.000105	0.0015	0.000666	0.758	0.0000032	0.00289	0.00131	0.00274	3.67E-09
2033 May	1220	1.72	9.37	0.106	539	0.195	203	0.000795	0.000795	0.0000071	0.0128	0.0277	0.305	0.0391	0.00000875	61.4	0.000067	0.00747	0.000669	0.00482	0.0689	0.0000306	11.5	25.8	0.157	0.00449	351	0.027	0.0448	0.0000366	0.0014	0.000629	0.721	0.0000031	0.0026	0.0015	0.00274	2.38E-09
2033 Jun	682	0.935	5.02	0.0572	295	0.11	111	0.000807	0.000807	0.0000057	0.00934	0.0163	0.166	0.0357	0.00000659	44.6	0.0000446	0.00416	0.00059	0.00301	0.0788	0.0000202	6.91	15.4	0.124	0.00243	190	0.0151	0.0446	0.000552	0.000851	0.000384	0.449	0.00000242	0.00142	0.0013	0.00225	6.26E-10
2033 Jul	733	1.01	5.42	0.0617	318	0.118	119	0.000839	0.000839	0.000006	0.00987	0.0179	0.179	0.0367	0.00000695	46.7	0.0000475	0.00447	0.000609	0.0032	0.0803	0.0000215	7.37	16.5	0.129	0.00262	205	0.0163	0.0461	0.000555	0.00913	0.00041	0.477	0.00000255	0.00153	0.00136	0.00238	6.23E-10
2033 Aug	948	1.31	7.12	0.081	415	0.15	156	0.000891	0.000891	0.00000682	0.0115	0.0237	0.234	0.0414	0.00000808	55.8	0.0000579	0.0058	0.000699	0.00398	0.086	0.0000261	9.33	20.9	0.153	0.0034	268	0.021	0.049	0.000587	0.00115	0.000518	0.597	0.00000293	0.00199	0.00156	0.00273	6.54E-10
2033 Sep	1660	2.37	13	0.148	744	0.262	280	0.000691	0.000691	0.0000078	0.0149	0.0221	0.421	0.0413	0.00000101	74.8	0.0000845	0.01033	0.000741	0.00628	0.0584	0.0000385	15.3	34.5	0.187	0.00617	486	0.037	0.0398	0.000265	0.00186	0.000837	0.947	0.00000349	0.00359	0.00167	0.00304	2.53E-10
2033 Oct	1350	1.94	10.5	0.119	603	0.223	227	0.000688	0.000688	0.00000695	0.0135	0.0105	0.342	0.0326	0.00000882	60.5	0.0000692	0.00828	0.000546	0.0052	0.0442	0.0000324	12.4	27.8	0.138	0.00515	393	0.0299	0.0406	0.0000824	0.00146	0.00067	0.763	0.00000308	0.00292	0.00121	0.00245	4.37E-11
2033 Nov	1260	1.81	9.79	0.111	561	0.21	211	0.000713	0.000713	0.00000683	0.0132	0.00945	0.319	0.0315	0.00000856	57.3	0.0000654	0.00771	0.000515	0.0049	0.0443	0.0000308	11.6	25.9	0.129	0.00482	365	0.0279	0.0419	0.0000748	0.00136	0.000625	0.714	0.00000301	0.00272	0.00114	0.00235	3.68E-11
2033 Dec	1250	1.8	9.74	0.11	558	0.209	210	0.000715	0.000715	0.00000682	0.0132	0.0094	0.317	0.0314	0.00000854	57	0.0000651	0.00767	0.000513	0.00488	0.0444	0.0000307	11.6	25.8	0.128	0.0048	363	0.0277	0.0421	0.0000745	0.00135	0.000621	0.71	0.000003	0.0027	0.00113	0.00235	3.66E-11
2034 Jan	1250	1.8	9.71	0.11	556	0.209	209	0.000716	0.000716	0.00000681	0.0132	0.00938	0.316	0.0314	0.00000853	57	0.000065	0.00765	0.000513	0.00487	0.0445	0.0000307	11.5	25.7	0.128	0.00479	362	0.0277	0.0421	0.0000753	0.00135	0.00062	0.709	0.000003	0.0027	0.00113	0.00234	3.65E-11
2034 Feb	1240	1.8	9.7	0.11	555	0.209	209	0.000716	0.000716	0.00000681	0.0131	0.00938	0.316	0.0315	0.00000852	57	0.0000649	0.00764	0.000514	0.00486	0.0447	0.0000307	11.5	25.7	0.128	0.00478	362	0.0276	0.0422	0.0000766	0.00135	0.000619	0.708	0.000003	0.00269	0.00113	0.00234	3.64E-11
2034 Mar	1240	1.8	9.7	0.11	555	0.209	209	0.000717	0.000717	0.00000681	0.0131	0.00937	0.316	0.0315	0.00000853	57	0.0000649	0.00763	0.000515	0.00486	0.0449	0.0000306	11.5	25.7	0.128	0.00478	362	0.0276	0.0422	0.0000776	0.00135	0.000619	0.708	0.000003	0.00269	0.00113	0.00234	3.64E-11
2034 Apr	1250	1.81	9.76	0.111	559	0.21	210	0.000723	0.000723	0.00000687	0.0132	0.00944	0.318	0.0318	0.00000859	57.5	0.0000654	0.00769	0.000519	0.0049	0.0454	0.0000309	11.6	25.9	0.129	0.00482	364	0.0278	0.0426	0.0000788	0.00136	0.000623	0.713	0.0000032	0.00271	0.00114	0.00236	3.67E-11
2034 May	1230	1.77	9.55	0.108	548	0.206	206	0.000756	0.000756	0.00000696	0.0132	0.0241	0.311	0.0337	0.00000865	58.2	0.0000651	0.00755	0.000551	0.00486	0.0516	0.0000307	11.5	25.6	0.134	0.00471	357	0.0273	0.0445	0.000144	0.00134	0.000618	0.709	0.0000305	0.00266	0.0012	0.00241	3.47E-11
2034 Jun	667	0.929	4.87	0.0556	288	0.113	108	0.000848	0.000848	0.00000586	0.00979	0.0145	0.162	0.0364	0.00000672	45.1	0.0000432	0.00405	0.000582	0.00304	0.0799	0.0000202	6.8	15.2	0.12	0.00247	185	0.0147	0.0489	0.000522	0.000796	0.000375	0.443	0.00000248	0.00138	0.00123	0.00211	1.58E-11
2034 Jul	808	1.13	6.02	0.0686	353	0.134	132	0.000838	0.000838	0.00000619	0.0105	0.0156	0.199	0.0375	0.00000726	49.5	0.0000491	0.00493	0.00612	0.00351	0.0784	0.0000229	8.03	17.9	0.131	0.00298	227	0.0179	0.048	0.0005	0.00095	0.000442	0.516	0.00000265	0.0017	0.00131	0.00226	1.49E-11
2034 Aug	966	1.35	7.26	0.0826	423	0.159	159	0.000904	0.000904	0.00000693	0.0119	0.0197	0.239	0.0417	0.00000821	56.8	0.000057	0.0059	0.000687	0.00411	0.0845	0.0000266	9.49	21.2	0.149	0.00356	274	0.0214	0.0517	0.000535	0.00113	0.000522	0.607	0.00000298	0.00204	0.00147	0.00255	1.58E-11
2034 Sep	1480	2.12	11.6	0.131	662	0.24	249	0.000742	0.000742	0.00000756	0.0144	0.0173	0.375	0.039	0.0000096	68.6	0.0000764	0.00911	0.000672	0.00572	0.0579	0.0000354	13.7	30.8	0.166	0.00557	431	0.0329	0.0436	0.000227	0.00163	0.000747	0.85	0.00000335	0.0032	0.00148	0.00278	5.64E-12
2034 Oct	1480	2.14	11.7	0.132	665	0.243	250	0.000678	0.000678	0.00000727	0.0143	0.0102	0.378	0.0342	0.00000933	65.3	0.0000751	0.00914	0.000583	0.00566	0.0438	0.000035	13.6	30.5	0.15	0.00566	434	0.033	0.0403	0.0000704	0.00161	0.000735	0.835	0.00000324	0.00322	0.0013	0.00259	6.78E-13
2034 Nov	1450	2.1	11.4	0.129	650	0.239	245	0.000693	0.000693	0.00000726	0.0142	0.00967	0.369	0.0339	0.00000927	64.2	0.0000738	0.00893	0.000572	0.00556	0.0441	0.0000345	13.3	29.9	0.147	0.00555	424	0.0323	0.0412	0.0000672	0.00157	0.000719	0.819	0.00000322	0.00315	0.00127	0.00256	5.94E-13
2034 Dec	1440	2.08	11.3	0.128	646	0.238	243	0.000696	0.000696	0.00000725	0.0142	0.00961	0.367	0.0338	0.00000925	63.9	0.0000734	0.00887	0.00057	0.00553	0.0441	0.0000344	13.3	29.7	0.146	0.00551	422	0.0321	0.0413	0.0000669	0.00156	0.000715	0.814	0.00000322	0.00313	0.00126	0.00255	5.9E-13
2035 Jan	1440	2.08	11.3	0.128	644	0.238	243	0.000697	0.000697	0.00000724	0.0142	0.00959	0.366	0.0338	0.00000924	63.8	0.0000733	0.00885	0.00057	0.00552	0.0443	0.0000343	13.2	29.6	0.146	0.0055	421	0.032	0.0414	0.000068	0.00156	0.000713	0.812	0.00000321	0.00312	0.00126	0.00255	5.87E-13
2035 Feb	1440	2.07	11.3	0.128	643	0.237	242	0.000698	0.000698	0.00000724	0.0142	0.00958	0.365	0.0339	0.00000923	63.8	0.0000732	0.00884	0.00057	0.00552	0.0446	0.0000343	13.2	29.6	0.146	0.00549	420	0.0319	0.0415	0.0000697	0.00155	0.000712	0.811	0.00000321	0.00312	0.00127	0.00255	5.86E-13
2035 Mar	1440	2.07	11.3	0.128	643	0.237	242	0.000698	0.000698	0.00000724	0.0142	0.00957	0.365	0.034	0.00000923	63.9	0.0000732	0.00883	0.00057	0.00552	0.0448	0.0000342	13.2	29.6	0.146	0.00549	419	0.0319	0.0415	0.0000708	0.00155	0.000712	0.811	0.00000321	0.00312	0.00127	0.00255	5.86E-13
2035 Apr	1450	2.08	11.3	0.128	647	0.238	243	0.000703	0.000703	0.00000729	0.0143	0.00963	0.367	0.0342	0.00000929	64.3	0.0000736	0.00888	0.00057	0.00555	0.0453	0.0000345	13.3	29.8	0.147	0.00552	422	0.0321	0.0418	0.0000721	0.00156	0.000716	0.816	0.00000323	0.00313	0.00128	0.00256	5.89E-13
2035 May	1490	2.15	11.7	0.132	666	0.246	251	0.000727	0.000727	0.00000752	0.0147	0.0207	0.379	0.0356	0.00000958	66.5	0.000076	0.00916	0.000601	0.00573	0.0475	0.0000355	13.7	30.7	0.153	0.00569	434	0.0331	0.0432	0.0000847	0.00161	0.000739	0.843	0.00000334	0.00323	0.00133	0.00265	5.99E-13
2035 Jun	533	0.737	3.91	0.0449	230	0.0946	87.1	0.000844	0.000844	0.00000553	0.00924	0.0129	0.134	0.0253	0.00000623	33.4	0.0000339	0.00327	0.000382	0.00243	0.057	0.0000018	5.42	11.8	0.0813	0.002	148	0.012	0.0441	0.0000277	0.000686	0.000294	0.342	0.0000232	0.00133	0.000926	0.00211	1.9E-13
2035 Jul	516	0.71	3.78	0.0434	222	0.0927	84.7	0.000868	0.000868	0.00000562	0.00933	0.013	0.13	0.0246	0.0000063	32.5	0.0000391	0.00319	0.000367	0.00238	0.0561	0.000018	5.29	11.5	0.0784	0.00194	143	0.0117	0.0446	0.000263	0.000681	0.000287	0.333	0.00000236	0.0011	0.000916	0.00217	1.72E-13
2035 Aug	791	1.09	5.91	0.0674	342	0.138	137	0.000863	0.000863	0.00000642	0.011	0.0163	0.209	0.029	0.00000753	43.8	0.0000521	0.00508	0.000464	0.00342	0.0572	0.0000239	7.99	17.6	0.107	0.00306	222	0.0185	0.0444	0.00026	0.00101	0.000436	0.497	0.00000274	0.00177	0.00114	0.00252	1.65E-13
2035 Sep	1540	2.13	11.7	0.132	666	0.271	285	0.000668	0.000668	0.00000777	0.0152	0.0134	0.43	0.0368	0.0000101	72.4	0.000084	0.0104	0.00065	0.00632	0.0442	0.0000389	15.4	34.6	0.171	0.00636	435	0.0375	0.0384	0.0000859	0.00185	0.000836	0.944	0.00000348	0.00366	0.00147	0.0029	2.36E-14
2035 Oct	1820	2.53	13.9	0.157	792	0.318	340	0.000591	0.000591	0.00000826	0.0167	0.0144	0.512	0.0403	0.0000111	83.3	0.0000973	0.0124	0.000739	0.00739	0.0422	0.0000445	18.2	41	0.199	0.00753	518	0.0447	0.0355	0.0000677	0.00219	0.000988	1.11	0.00000375	0.00437	0.00168	0.00315	5.1E-15
2035 Nov	1610	2.24	12.3	0.139	698	0.284	300	0.000617	0.000617	0.00000776	0.0155	0.0107	0.452	0.0371	0.0000102	74.9	0.0000872	0.0109	0.000663	0.00661	0.0416	0.0000401	16.1	36.3	0.176	0.00669	456	0.0395	0.037	0.0000589	0.00193	0.000874	0.987	0.00000355	0.00386	0.0015	0.00288	2.61E-15
2035 Dec	1530	2.14	11.7	0.132	664	0.273	285	0.000637	0.000637	0.00000763	0.0152	0.0102	0.43	0.0361	0.00000998	72	0.0000836	0.0104	0.000636	0.00633	0.042	0.0000386	15.4	34.6	0.168	0.00639	434	0.0376	0.0381	0.0000569	0.00183	0.000833	0.942	0.00000342	0.00367	0.00143	0.00279	2.47E-15
2036 Jan	1520	2.11	11.5	0.13	657	0.27	282	0.000641	0.000641	0.0000076	0.0151	0.0101	0.425	0.0362	0.00000992	71.5	0.0000828	0.0103	0.000635	0.00627	0.0426	0.0000383	15.2	34.2	0.167	0.00632	429	0.0372	0.0384	0.0000604	0.00181	0.000824	0.933	0.00000341	0.00363	0.00143	0.00278	2.44E-15
2036 Feb	1510	2.1	11.5	0.13	653	0.268	281	0.000643	0.000643	0.00000758	0.0151	0.0101	0.423	0.0364	0.00000989	71.4	0.0000825	0.0102	0.000639	0.00625	0.0435	0.0000382	15.2	34.1	0.167	0.00629	427	0.037	0.0385	0.0000657	0.0018	0.00082	0.93	0.0000034	0.00361	0.00143	0.00277	2.42E-15
2036 Mar	1500	2.09	11.4	0.129	651	0.267	280	0.000645	0.000645	0.00000757	0.015	0.0101	0.421	0.0365	0.00000987	71.4	0.0000822	0.0102	0.000641	0.00623	0.044	0.000038	15.1	34	0.167	0.00627	425	0.0368	0.0387	0.0000691	0.0018	0.000817	0.927	0.00000339	0.0036	0.00143	0.00276	2.42E-15
2036 Apr	1520	2.12	11.6	0.131	661	0.271	284	0.000651	0.000651	0.00000767	0.0152	0.0221	0.428	0.0372	0.00001	72.6	0.0000835	0.0104	0.000653	0.00633	0.0449	0.0000386	15.4	34.5	0.17	0.00636	431	0.0374	0.0391	0.0000725	0.00183	0.000831	0.943	0.00000344	0.00366	0.00146	0.0028	2.43E-15
2036 May	1620	2.25	12.3	0.139	701	0.288	302	0.000677	0.000677	0.00000809	0.0161	0.0556	0.456	0.0394	0.0000106	77.1	0.0000887	0.011	0.000695	0.00673	0.0473	0.000041	16.3	36.8	0.181	0.00677	458	0.0398	0.0407	0.0000787	0.00194	0.000884	1	0.00000363	0.00389	0.00155	0.00297	2.52E-15
2036 Jun	877	1.18	6.48	0.0738	372	0.163	166	0.00079	0.00079	0.00000652	0.0118	0.0254	0.253	0.0259	0.00000788	45.8	0.0000587	0.00612	0.000423	0.00389	0.0434	0.0000266	9.28	20.5	0.107	0.00369	242	0.0222	0.04	0.000105	0.00118	0.000502	0.567	0.00000282	0.00214	0.0011	0.0026	9.86E-16
2036 Jul	707	0.937	5.15	0.0588	296	0.136	135	0.00084	0.00084	0.00000629	0.011	0.0186	0.207	0.0228	0.00000739	38.7	0.0000521	0.00505	0.000359	0.00326	0.0429	0.0000236	7.69	16.8	0.0893	0.00299	193	0.0182	0.0408	0.0000906	0.00101	0.000416	0.468	0.00000269	0.00175	0.00099	0.00256	6.12E-16
2036 Aug	885	1.17	6.48	0.0738	371	0.169	171	0.000892	0.000892	0.00000712	0.0126	0.0245	0.262	0.0268	0.00000852	47.3	0.0000623	0.00633	0.000436	0.00404	0.0466	0.0000282	9.63	21.2	0.111	0.00378	242	0.023	0.0433	0.000115	0.00125	0.000522	0.586	0.00000307	0.00222	0.00117	0.00291	6.33E-16
2036 Sep	1680	2.23	12.4	0.141	705	0.311	339	0.000677	0.000677	0.00000869	0.0168	0.0306	0.512	0.0393	0.0000115	82	0.000101	0.0124	0.00074	0.00731	0.0441	0.0000453	18.2	40.9	0.203	0.00737	461	0.0448	0.0346	0.000111	0.00228	0.000994	1.11	0.00000392	0.00436	0.00183	0.00368	4.2E-16
2036 Oct	1720	2.29	12.7	0.143	720	0.323	350	0.000603	0.000603	0.00000849	0.0169	0.0217	0.528	0.0403	0.0000114	84.7	0.000102	0.0128	0.000756	0.00755	0.0422	0.0000458	18.7	42.2	0.207	0.00768	471	0.0462	0.0338	0.0000847	0.0023	0.00102	1.14	0.00000386	0.00451	0.00179	0.00343	1.91E-16
2036 Nov	1640	2.19	12.1	0.136	686	0.31	334	0.000613	0.000613	0.00000829	0.0165	0.0191	0.504	0.0392	0.0000111	81.5	0.0000973	0.0122	0.000726	0.00724	0.0421	0.0000441	17.9	40.3	0.197	0.00736	448	0.044	0.0348	0.0000786	0.00218	0.000974	1.09	0.00000375	0.0043	0.017	0.00329	1.56E-16
2036 Dec	1540	2.06	11.3	0.128	645	0.294	314	0.000633	0.000633	0.00000807	0.016	0.0176	0.474	0.0379	0.0000107	77.5	0.0000922	0.0115	0.00069	0.00687	0.0423	0.000042	16.9	38	0.186	0.00695	422	0.0414	0.0361	0.0000742	0.00205	0.000918	1.03	0.00000364	0.00405	0.00161	0.00315	1.4E-16
2037 Jan	1530	2.04	11.2	0.127	638	0.292	311	0.000637	0.000637	0.00000804	0.0159	0.0174	0.469	0.0378	0.0000106	77	0.0000914	0.0114	0.000688	0.00681	0.0428	0.0000416	16.7	37.6	0.184	0.00688	417	0.041	0.0364	0.000077	0.00203	0.000909	1.02	0.00000

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00069	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2039 Dec	555	0.673	3.57	0.041	212	0.124	121	0.000928	0.000928	0.00000647	0.0105	0.00517	0.183	0.0333	0.00000744	44.4	0.000048	0.0045	0.000532	0.00322	0.0727	0.0000226	7.35	16.2	0.115	0.00268	136	0.0164	0.0485	0.000423	0.000918	0.000405	0.467	0.00000274	0.00155	0.00122	0.00248	1.7E-17
2040 Jan	555	0.673	3.57	0.041	212	0.124	121	0.000928	0.000928	0.00000647	0.0105	0.00517	0.183	0.0333	0.00000744	44.4	0.000048	0.0045	0.000532	0.00322	0.0727	0.0000226	7.35	16.3	0.115	0.00268	136	0.0164	0.0485	0.000423	0.000918	0.000405	0.467	0.00000274	0.00155	0.00122	0.00248	1.7E-17
2040 Feb	555	0.673	3.57	0.041	212	0.124	121	0.000928	0.000928	0.00000647	0.0105	0.00517	0.183	0.0334	0.00000744	44.4	0.000048	0.0045	0.000532	0.00323	0.0727	0.0000226	7.35	16.3	0.115	0.00268	136	0.0164	0.0485	0.000424	0.000918	0.000405	0.467	0.00000274	0.00155	0.00122	0.00248	1.7E-17
2040 Mar	556	0.674	3.57	0.041	213	0.124	121	0.000928	0.000928	0.00000647	0.0105	0.00518	0.183	0.0334	0.00000744	44.4	0.000048	0.00451	0.000533	0.00323	0.0728	0.0000226	7.36	16.3	0.115	0.00268	136	0.0165	0.0486	0.000424	0.000919	0.000405	0.467	0.00000274	0.00155	0.00122	0.00248	1.7E-17
2040 Apr	558	0.676	3.58	0.0411	213	0.125	121	0.000931	0.000931	0.00000649	0.0105	0.0052	0.184	0.0335	0.00000747	44.6	0.000048	0.00452	0.000534	0.00324	0.0731	0.0000227	7.38	16.3	0.116	0.00269	137	0.0165	0.0487	0.000425	0.000922	0.000406	0.469	0.00000275	0.00156	0.00123	0.00249	1.7E-17
2040 May	564	0.683	3.61	0.0415	215	0.126	122	0.000946	0.000946	0.00000658	0.0107	0.00526	0.185	0.0341	0.00000757	45.3	0.000048	0.00457	0.000544	0.00328	0.0745	0.0000229	7.47	16.5	0.118	0.00272	138	0.0167	0.0495	0.000436	0.000933	0.000411	0.475	0.00000279	0.00157	0.00125	0.00252	1.71E-17
2040 Jun	477	0.572	3	0.0345	181	0.107	102	0.000912	0.000912	0.0000061	0.00971	0.00455	0.155	0.0325	0.00000691	41	0.0000432	0.00384	0.000515	0.00286	0.0739	0.0000203	6.42	14.2	0.108	0.00228	115	0.014	0.048	0.000454	0.000803	0.000355	0.412	0.00000257	0.00131	0.00117	0.00234	1.41E-17
2040 Jul	497	0.595	3.12	0.0359	188	0.112	107	0.000939	0.000939	0.00000631	0.0101	0.00472	0.163	0.0335	0.00000716	42.5	0.000045	0.00403	0.000532	0.00298	0.0759	0.0000211	6.71	14.8	0.112	0.00238	120	0.0147	0.0493	0.000464	0.00084	0.000371	0.43	0.00000266	0.00138	0.00121	0.00242	1.44E-17
2040 Aug	523	0.626	3.29	0.0379	198	0.118	114	0.000967	0.000967	0.00000655	0.0105	0.00495	0.173	0.0348	0.00000746	44.5	0.000043	0.00427	0.000554	0.00314	0.0783	0.0000222	7.09	15.7	0.118	0.00253	126	0.0156	0.0508	0.000478	0.000887	0.000391	0.454	0.00000277	0.00146	0.00126	0.00252	1.48E-17
2040 Sep	537	0.641	3.37	0.0388	202	0.122	118	0.00097	0.00097	0.00000663	0.0107	0.00504	0.179	0.0352	0.00000758	45.4	0.000048	0.00442	0.000562	0.00322	0.0785	0.0000226	7.3	16.1	0.12	0.00262	129	0.0161	0.051	0.000477	0.000912	0.000403	0.467	0.00000278	0.00151	0.00128	0.00255	1.48E-17
2040 Oct	543	0.648	3.41	0.0393	205	0.123	120	0.000974	0.000974	0.00000668	0.0107	0.00509	0.181	0.0355	0.00000764	45.9	0.000049	0.00448	0.000566	0.00326	0.0788	0.0000229	7.39	16.3	0.121	0.00266	131	0.0164	0.0512	0.000479	0.000924	0.000408	0.472	0.00000282	0.00154	0.00129	0.00257	1.48E-17
2040 Nov	546	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.00000667	0.0108	0.00512	0.182	0.0356	0.00000767	46.1	0.0000491	0.00451	0.000568	0.00327	0.079	0.0000223	7.44	16.4	0.121	0.00267	131	0.0165	0.0513	0.00048	0.000929	0.00041	0.475	0.00000283	0.00155	0.0013	0.00258	1.49E-17
2040 Dec	547	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.00000671	0.0108	0.00512	0.182	0.0356	0.00000767	46.1	0.0000491	0.00451	0.000569	0.00328	0.079	0.0000223	7.44	16.4	0.121	0.00267	131	0.0165	0.0514	0.00048	0.000929	0.000411	0.475	0.00000284	0.00155	0.0013	0.00258	1.49E-17
2041 Jan	547	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.00000671	0.0108	0.00512	0.182	0.0356	0.00000767	46.1	0.0000491	0.00451	0.000569	0.00328	0.0791	0.0000223	7.44	16.5	0.122	0.00267	131	0.0165	0.0514	0.00048	0.00093	0.000411	0.475	0.00000284	0.00155	0.0013	0.00258	1.49E-17
2041 Feb	547	0.652	3.43	0.0395	206	0.124	120	0.000977	0.000977	0.00000671	0.0108	0.00512	0.183	0.0356	0.00000767	46.2	0.0000491	0.00451	0.000569	0.00328	0.0791	0.0000223	7.44	16.5	0.122	0.00268	131	0.0165	0.0514	0.00048	0.00093	0.000411	0.476	0.00000284	0.00155	0.0013	0.00258	1.49E-17
2041 Mar	547	0.653	3.43	0.0395	206	0.124	121	0.000978	0.000978	0.00000671	0.0108	0.00512	0.183	0.0356	0.00000768	46.2	0.0000492	0.00452	0.000569	0.00328	0.0791	0.0000223	7.45	16.5	0.122	0.00268	132	0.0165	0.0514	0.00048	0.00093	0.000411	0.476	0.00000284	0.00155	0.0013	0.00258	1.49E-17
2041 Apr	549	0.654	3.44	0.0396	207	0.125	121	0.00098	0.00098	0.00000673	0.0108	0.00514	0.183	0.0357	0.0000077	46.3	0.0000493	0.00453	0.000571	0.00329	0.0793	0.0000231	7.47	16.5	0.122	0.00268	132	0.0165	0.0515	0.000481	0.000933	0.000412	0.477	0.00000284	0.00155	0.0013	0.00259	1.49E-17
2041 May	561	0.668	3.52	0.0405	211	0.128	124	0.000987	0.000987	0.00000682	0.011	0.00524	0.188	0.0362	0.00000782	47.2	0.0000504	0.00466	0.00058	0.00337	0.08	0.0000236	7.66	16.9	0.124	0.00276	135	0.017	0.0519	0.000486	0.000957	0.000423	0.489	0.00000289	0.0016	0.00132	0.00263	1.5E-17
2041 Jun	510	0.598	3.14	0.0366	188	0.117	116	0.00123	0.000966	0.00000652	0.0104	0.00501	0.172	0.033	0.00000746	44.1	0.0000471	0.00423	0.000525	0.00307	0.0739	0.0000219	7.11	15.4	0.114	0.00255	120	0.0154	0.0495	0.000434	0.000886	0.000398	0.446	0.00000279	0.00145	0.00122	0.00253	0.0000133
2041 Jul	470	0.54	2.83	0.0337	170	0.107	111	0.00159	0.000938	0.0000062	0.00984	0.00497	0.158	0.0303	0.00000712	42.1	0.0000438	0.00386	0.00048	0.0028	0.0686	0.0000204	6.69	14.2	0.105	0.00239	109	0.014	0.0468	0.000393	0.000821	0.000385	0.41	0.00000271	0.00132	0.00113	0.0024	0.0000322
2041 Aug	508	0.571	2.98	0.0366	178	0.113	127	0.00242	0.001	0.00000658	0.0103	0.00596	0.17	0.0317	0.00000769	47.5	0.0000463	0.00412	0.000507	0.00295	0.0715	0.0000214	7.46	15.2	0.115	0.00268	114	0.0148	0.0485	0.000407	0.000881	0.000446	0.44	0.00000298	0.00141	0.00118	0.00254	0.0000701
2041 Sep	545	0.584	3.02	0.0396	180	0.116	151	0.00402	0.00106	0.00000684	0.0105	0.00757	0.18	0.032	0.00000823	54.9	0.0000473	0.00428	0.000521	0.00301	0.0718	0.0000218	8.44	16.1	0.125	0.00304	116	0.0151	0.0481	0.000405	0.000928	0.000539	0.465	0.00000333	0.00147	0.0012	0.00261	0.000147
2041 Oct	553	0.586	3.03	0.0402	181	0.117	156	0.00434	0.00107	0.00000686	0.0105	0.00789	0.183	0.0319	0.00000832	56.4	0.0000476	0.00434	0.000523	0.00303	0.0713	0.0000219	8.65	16.4	0.127	0.00312	116	0.0152	0.0476	0.0004	0.000939	0.000558	0.471	0.00000338	0.00149	0.012	0.00261	0.000162
2041 Nov	557	0.59	3.04	0.0404	182	0.118	158	0.00438	0.00107	0.0000069	0.0106	0.00795	0.184	0.0321	0.00000836	56.8	0.0000478	0.00437	0.000525	0.00304	0.0715	0.0000222	8.72	16.5	0.128	0.00315	117	0.0153	0.0478	0.000401	0.000946	0.000563	0.474	0.0000034	0.0015	0.0012	0.00262	0.000164
2041 Dec	557	0.59	3.05	0.0405	182	0.118	158	0.00438	0.00107	0.0000069	0.0106	0.00796	0.184	0.0321	0.00000837	56.8	0.0000479	0.00437	0.000525	0.00305	0.0715	0.0000222	8.73	16.5	0.128	0.00315	117	0.0153	0.0478	0.000401	0.000947	0.000563	0.474	0.0000034	0.0015	0.0012	0.00262	0.000164
2042 Jan	558	0.59	3.05	0.0405	182	0.118	158	0.00438	0.00107	0.0000069	0.0106	0.00796	0.184	0.0321	0.00000837	56.8	0.0000479	0.00438	0.000526	0.00305	0.0715	0.0000222	8.73	16.5	0.128	0.00315	117	0.0153	0.0478	0.000401	0.000947	0.000563	0.475	0.00000341	0.0015	0.0012	0.00262	0.000164
2042 Feb	558	0.59	3.05	0.0405	182	0.118	158	0.00438	0.00107	0.0000069	0.0106	0.00796	0.184	0.0321	0.00000837	56.8	0.0000479	0.00438	0.000526	0.00305	0.0715	0.0000222	8.73	16.5	0.128	0.00315	117	0.0153	0.0478	0.000401	0.000947	0.000564	0.475	0.00000341	0.0015	0.0012	0.00262	0.000164
2042 Mar	558	0.591	3.05	0.0405	182	0.118	158	0.00439	0.00107	0.0000069	0.0106	0.00796	0.185	0.0321	0.00000837	56.9	0.0000479	0.00438	0.000526	0.00305	0.0716	0.0000222	8.74	16.5	0.128	0.00316	117	0.0154	0.0478	0.000401	0.000947	0.000564	0.475	0.00000341	0.0015	0.0012	0.00263	0.000164
2042 Apr	561	0.594	3.06	0.0407	183	0.119	159	0.00441	0.00108	0.00000694	0.0106	0.00801	0.186	0.0323	0.00000842	57.2	0.0000482	0.0044	0.000529	0.00307	0.072	0.0000222	8.78	16.6	0.129	0.00317	118	0.0154	0.0481	0.000403	0.000952	0.000567	0.477	0.00000342	0.00151	0.00121	0.00264	0.000165
2042 May	572	0.606	3.13	0.0415	187	0.121	162	0.00449	0.0011	0.00000707	0.0109	0.00816	0.19	0.0329	0.00000858	58.3	0.0000491	0.0045	0.000539	0.00313	0.0733	0.0000226	8.96	17	0.131	0.00324	120	0.0158	0.0489	0.000411	0.000972	0.000578	0.487	0.00000349	0.00154	0.00124	0.00269	0.000168
2042 Jun	541	0.56	2.88	0.0393	172	0.113	159	0.00489	0.00109	0.00000688	0.0104	0.00824	0.178	0.031	0.00000839	57.2	0.0000466	0.00418	0.000506	0.00292	0.0699	0.0000214	8.67	15.9	0.126	0.00312	111	0.0146	0.0474	0.000383	0.000921	0.000572	0.459	0.00000346	0.00143	0.00117	0.00261	0.000188
2042 Jul	532	0.538	2.75	0.0387	164	0.11	161	0.00533	0.00109	0.00000681	0.0102	0.00853	0.174	0.0299	0.00000837	57.8	0.0000456	0.00407	0.000491	0.00282	0.0678	0.0000209	8.7	15.6	0.124	0.00313	106	0.0141	0.0463	0.000366	0.000905	0.000585	0.449	0.00000335	0.00139	0.00113	0.00258	0.00021
2042 Aug	548	0.529	2.69	0.04	160	0.11	178	0.00662	0.00112	0.00000688	0.0101	0.00972	0.178	0.0293	0.00000864	62.8	0.000045	0.0041	0.000488	0.0028	0.0659	0.0000207	9.32	16	0.13	0.00337	104	0.014	0.0447	0.000348	0.000919	0.00065	0.459	0.00000371	0.00141	0.00111	0.00256	0.000272
2042 Sep	572	0.526	2.64	0.042	157	0.111	198	0.00817	0.00116	0.00000702	0.0101	0.0112	0.184	0.029	0.00000904	69.2	0.0000449	0.00416	0.000491	0.00278	0.065	0.0000206	10.1	16.5	0.137	0.00366	102	0.0139	0.0436	0.000337	0.000943	0.000732	0.472	0.000004	0.00142	0.00109	0.00258	0.000347
2042 Oct	574	0.524	2.63	0.0421	156	0.111	201	0.00836	0.00116	0.000007	0.01	0.0114	0.185	0.0288	0.00000905	69.9	0.0000448	0.00417	0.000489	0.00277	0.0642	0.0000205	10.2	16.5	0.138	0.0037	102	0.0139	0.0431	0.000332	0.000945	0.000742	0.474	0.00000402	0.00143	0.00109	0.00257	0.000356
2042 Nov	577	0.526	2.64	0.0424	157	0.111	202	0.00841	0.00116	0.00000703	0.0101	0.0114	0.186	0.0289	0.0000909	70.2	0.000045	0.0042	0.000491	0.00279	0.0644	0.0000206	10.3	16.6	0.138	0.00373	102	0.014	0.0432	0.000332	0.000951	0.000746	0.477	0.00000404	0.00144	0.00109	0.00258	0.000359
2042 Dec	577	0.526	2.64	0.0424	157	0.111	203	0.00841	0.00116	0.00000703	0.0101	0.0114	0.186	0.0289	0.0000091	70.3	0.0000451	0.0042	0.000491	0.00279	0.0644	0.0000206	10.3	16.6	0.139	0.00373	102	0.014	0.0432	0.000332	0.000951	0.000747	0.477	0.00000404	0.00144	0.00109	0.00258	0.000359
2043 Jan	577	0.526	2.64	0.0424	157	0.111	203	0.00841	0.00116	0.00000703	0.0101	0.0114	0.186	0.0289	0.0000091	70.3	0.0000451	0.0042	0.000491	0.00279	0.0644	0.0000206	10.3	16.6	0.139	0.00373	102	0.014	0.0432	0.000332	0.000951	0.000747	0.477	0.00000404	0.00144	0.00109	0.00258	0.000359
2043 Feb	577	0.526	2.64	0.0424	157	0.111	203	0.00841	0.00116	0.00000703	0.0101	0.0114	0.186	0.0289	0.0000091	70.3	0.0000451	0.0042	0.000491	0.00279	0.0644	0.0000206	10.3	16.6	0.139	0.00373	102	0.014	0.0432	0.000332	0.000951	0.000747	0.477	0.00000404	0.00144	0.00109	0.00258	0.000359
2043 Mar	577	0.526	2.64	0.0424	157	0.111	203	0.00842	0.00116	0.00000703	0.0101	0.0114	0.186	0.0289	0.0000091	70.3	0.0000451	0.00421	0.000491	0.00279	0.0644	0.0000206	10.3	16.6	0.139	0.00373	102	0.014	0.0432	0.000332	0.000952	0.000747	0.477	0.00000404	0.00144	0.00109	0.00258	0.000359
2043 Apr	580	0.529	2.65	0.0426	158	0.112	204	0.00845	0.00117	0.00000706	0.0101	0.0115	0.187	0.029	0.00000914	70.6	0.0000453	0.00422	0.000494	0.0028	0.0647	0.0000207	10.3	16.7	0.139	0.00375	103	0.014	0.0434	0.000334	0.000956	0.00075	0.479	0.00000406	0.00145	0.00111	0.00259	0.00036
2043 May	590	0.537	2.7	0.0433	160	0.114	207	0.00861	0.00119	0.00000719	0.0103	0.0117	0.19	0.0296	0.0000093	71.9	0.0000466	0.00429	0.000503	0.00285	0.066	0.0000211	10.5	17	0.142	0.00381	105	0.0143	0.0442	0.000341	0.000972	0.000764	0.487	0.00000413	0.00147	0.00112	0.00264	0.000367
2043 Jun	560	0.497	2.47	0.041	147	0.106	201	0.00877	0.00118	0.00000698	0.00987	0.0116	0.178	0.0289	0.00000905	70.9	0.0000436	0.004	0.000492	0.00268	0.0656	0.0000199	10.2	16.1	0.139	0.00366	96.3	0.0132	0.0432	0.000348	0.00092	0.00075	0.463	0.00000406	0.00137	0.00108	0.00255	0.000376
2043 Jul	588	0.518	2.57	0.0431	153	0.111	214	0.00938	0.00123	0.0000073	0.0103	0.0123	0.188	0.0301	0.00000951	75	0.0000456	0.0042	0.000514	0.0028	0.0681	0.0000208	10.8	16.9	0.146	0.00388	100	0.0138	0.0448	0.00036	0.000967	0.000796	0.487	0.00000428	0.00143	0.00113	0.00266	0.000403
2043 Aug	637	0.538	2.65	0.047	158	0.116	242	0.0112	0.00133	0.00000776	0.0107	0.0143	0.201	0.0312	0.0000103	84.2	0.0000476	0.00444	0.000541	0.00291	0.0705	0.0000217	12	18.1	0.16	0.00432	104	0.0143	0.0459	0.000369	0.00103	0.000907	0.521	0.00000474	0.00151	0.00117	0.0028	0.000491
2043 Sep	658	0.544	2.67	0.0486	159	0.119	256	0.0121	0.00136	0.00000792	0.0109	0.0152	0.208	0.0314	0.0000106	88.5	0.0000484	0.00456	0.00055	0.00295	0.0707	0.0000222	12.5	18.7	0.166	0.00453	105	0.0146	0.0456	0.000367	0.00106	0.00096	0.537	0.00000493	0.00156	0.00118	0.00284	0.000532
2043 Oct	661	0.544	2.66	0.0488	158	0.119	259	0.0123	0.00136	0.00000791	0.0109	0.0153	0.209	0.0313	0.0000107	89.2	0.0000485	0.00459	0.00055	0.00296	0.0701	0.0000222	12.7	18.9	0.167	0.00458	105	0.0147	0.0453	0.000362	0.00107	0.000969	0.541	0.00000495	0.00157	0.00118	0.00284	0.00054
2043 Nov	659	0.54	2.64	0.0486	157	0.119	259	0.0123	0.00136	0.00000789	0.0108	0.0153	0.209	0.0312	0.0000106	89.1	0.0000483	0.00458	0.000546	0.00295	0.0696	0.0000219	12.6	18.8	0.166	0.00458	104	0.0146	0.0451	0.000357	0.00106	0.000969	0.539	0.00000495	0.00156	0.00117	0.00282	0.000542
2043 Dec	659	0.54	2.64	0.0486	157	0.119	259	0.0123	0.00136	0.00000789	0.0108	0.0153	0.209	0.0312	0.0000106	89.1	0.0000483	0.00458	0.000547	0.00295	0.0697	0.0000219	12.6	18.8	0.166	0.00458	104	0.0146	0.0451	0.000357	0.00106	0.00097	0.539	0.00000495	0.00156	0.00117	0.00282	0.000542
2044 Jan	659	0.54	2.64	0.0486	157	0.119	259	0.0123	0.00136	0.00000789	0.0108	0.0153	0.209	0.0312	0.0000106	89.2	0.0000483	0.00458	0.000547	0.00295	0.0697	0.0000219	12.6	18.8	0.166	0.00458	104	0.0146	0.0451	0.000357	0.00106	0.00097	0.539	0.00000495	0.00156	0.00117	0.00282	0.000542
2044 Feb	660	0.54	2.64	0.0487	157	0.119	259	0.0123	0.00136	0.0000079	0.0108	0.0154	0.209	0.0312	0.0000106	89.2	0.0000483	0.00458	0.000547	0.00295	0.0697	0.0000219	12.7	18.8	0.166	0.00459	104	0.0146	0.0451	0.000357	0.00107	0.000971	0.539	0.00000495	0.00156	0.00117	0.00282	0.000543
2044 Mar	660	0.541	2.64	0.0487	157	0.119	259	0.0123	0.00136	0.0000079	0.0108	0.0154	0.209	0.0312	0.0000106	89.3	0.0000483	0.00458	0.000547	0.00295	0.0698	0.0000219	12.7	18.8	0.166	0.00459	104	0.0146	0.0452	0.000358	0.00107	0.000972	0.54	0.00000496	0.00157	0.00117	0.00282	0.000543
2044 Apr	662	0.542	2.65	0.0488	157	0.119	260	0.0124	0.00136	0.00000792	0.0109	0.0154	0.209	0.0313	0.0000107	89.5	0.0000484	0.00459	0.000548	0.00296	0.0699	0.0000222	12.7	18.9	0.167	0.0046	104	0.0147	0.0453	0.000358	0.00107	0.000974	0.541	0.00000497	0.00157	0.00117	0.00283	0.000544
2044 May	671	0.549	2.68	0.0495	160	0.121	263	0.0125	0.00138	0.00000803	0.011	0.0156	0.212	0.0317	0.0000108	90.7	0.0000491	0.00465	0.000556	0.003	0.0708	0.0000223	12.9	19.1	0.169	0.00466	105	0.0149	0.0459	0.000363	0.00108	0.000987	0.548	0.00000504	0.00159	0.00119	0.00287	0.000552
2044 Jun	624	0.499	2.43	0.046	144	0.111	249	0.0122	0.00132	0.00000761	0.0104	0.015	0.196	0.0293	0.0000103	86.1	0.0000458	0.00427	0.000514	0.00275	0.0663	0.0000207	12.1	17.7	0.159	0.00438	95.6	0.0135	0.0434	0.000334	0.00101	0.000938	0.508	0.00000481	0.00146	0.00111	0.00272	0.000537
2044 Jul	639	0.506	2.46	0.0472	146	0.113	257	0.0127	0.00136	0.00000781	0.0106	0.0155	0.201	0.0299	0.0000106	88.7	0.0000468	0.00436	0.000524	0.0028	0.0676	0.0000212	12.5	18.1	0.163	0.00451	96.9	0.0138	0.0443	0.000338	0.00103	0.000969	0.52	0.00000496	0.00149	0.00113	0.00279	0.000559
2044 Aug	692	0.535	2.59	0.0512	154	0.121	285	0.0143	0.00146	0.00

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2047 Jun	687	0.492	2.39	0.0474	142	0.141	298	0.0132	0.00132	0.00000809	0.0114	0.0166	0.252	0.031	0.0000112	97	0.0000547	0.00558	0.000569	0.00341	0.0638	0.0000244	14.4	22.1	0.181	0.00532	94.8	0.0181	0.041	0.000309	0.00125	0.00109	0.624	0.00000952	0.00192	0.00124	0.00296	0.000586
2047 Jul	723	0.516	2.52	0.0498	149	0.149	314	0.0138	0.00138	0.00000848	0.012	0.0174	0.267	0.0326	0.0000118	102	0.0000577	0.00592	0.000598	0.00361	0.0666	0.0000257	15.2	23.4	0.19	0.00561	99.6	0.0191	0.0427	0.000322	0.00132	0.00115	0.659	0.00000546	0.00204	0.0013	0.00311	0.000614
2047 Aug	769	0.545	2.66	0.0526	157	0.16	335	0.0145	0.00143	0.0000089	0.0126	0.0184	0.289	0.0343	0.0000124	108	0.0000616	0.00641	0.000634	0.00388	0.0689	0.0000274	16.2	25.1	0.202	0.00601	105	0.0208	0.0439	0.000332	0.00142	0.00122	0.708	0.00000574	0.00221	0.00138	0.00326	0.000647
2047 Sep	781	0.551	2.7	0.0529	159	0.166	342	0.0144	0.00141	0.00000891	0.0127	0.0185	0.299	0.0345	0.0000125	109	0.0000632	0.00667	0.000642	0.00401	0.068	0.0000281	16.6	25.9	0.206	0.00616	107	0.0217	0.043	0.000326	0.00146	0.00124	0.729	0.00000574	0.0023	0.0014	0.00328	0.000644
2047 Oct	777	0.548	2.69	0.0524	158	0.167	340	0.0142	0.00138	0.00000882	0.0127	0.0183	0.301	0.0343	0.0000123	108	0.0000632	0.00671	0.000639	0.00403	0.0669	0.0000281	16.5	26	0.204	0.00614	106	0.0219	0.0423	0.00032	0.00146	0.00123	0.73	0.00000568	0.00231	0.00139	0.00325	0.000633
2047 Nov	776	0.547	2.69	0.0522	158	0.168	340	0.0141	0.00138	0.00000881	0.0127	0.0182	0.301	0.0343	0.0000123	108	0.0000632	0.00672	0.000639	0.00404	0.0667	0.0000281	16.5	26	0.204	0.00614	106	0.022	0.0422	0.000319	0.00146	0.00122	0.73	0.00000566	0.00232	0.00139	0.00325	0.00063
2047 Dec	776	0.547	2.69	0.0522	158	0.168	340	0.0141	0.00138	0.00000881	0.0127	0.0182	0.301	0.0343	0.0000123	108	0.0000633	0.00673	0.000639	0.00404	0.0667	0.0000281	16.5	26	0.204	0.00614	106	0.022	0.0422	0.000318	0.00146	0.00123	0.731	0.00000566	0.00232	0.00139	0.00325	0.00063
2048 Jan	776	0.547	2.69	0.0522	158	0.168	340	0.0141	0.00138	0.00000881	0.0127	0.0182	0.301	0.0343	0.0000123	108	0.0000633	0.00673	0.000639	0.00404	0.0667	0.0000281	16.5	26.1	0.204	0.00615	106	0.022	0.0422	0.000319	0.00146	0.00123	0.731	0.00000566	0.00232	0.00139	0.00325	0.00063
2048 Feb	776	0.548	2.69	0.0523	158	0.168	340	0.0141	0.00138	0.00000882	0.0127	0.0182	0.302	0.0343	0.0000123	108	0.0000633	0.00673	0.000639	0.00405	0.0668	0.0000281	16.5	26.1	0.204	0.00615	106	0.022	0.0422	0.000319	0.00146	0.00123	0.732	0.00000566	0.00232	0.00139	0.00325	0.00063
2048 Mar	776	0.548	2.69	0.0523	158	0.168	340	0.0141	0.00138	0.00000882	0.0127	0.0182	0.302	0.0343	0.0000123	108	0.0000633	0.00674	0.00064	0.00405	0.0668	0.0000281	16.5	26.1	0.204	0.00615	106	0.022	0.0422	0.000319	0.00146	0.00123	0.732	0.00000567	0.00232	0.00139	0.00325	0.00063
2048 Apr	779	0.549	2.7	0.0524	159	0.168	341	0.0142	0.00138	0.00000884	0.0127	0.0183	0.303	0.0344	0.0000124	108	0.0000635	0.00676	0.000642	0.00406	0.067	0.0000282	16.6	26.2	0.205	0.00617	106	0.0221	0.0424	0.00032	0.00147	0.00123	0.734	0.00000568	0.00233	0.0014	0.00326	0.000632
2048 May	790	0.557	2.74	0.0532	161	0.171	346	0.0143	0.0014	0.00000897	0.0129	0.0185	0.307	0.0349	0.0000126	110	0.0000644	0.00685	0.000651	0.00412	0.0679	0.0000286	16.8	26.5	0.208	0.00625	108	0.0224	0.043	0.000324	0.00149	0.00125	0.744	0.00000576	0.00236	0.00142	0.0033	0.000641
2048 Jun	731	0.513	2.52	0.0489	149	0.16	320	0.0132	0.00133	0.00000848	0.0122	0.0171	0.286	0.0326	0.0000118	102	0.0000608	0.00639	0.000605	0.00385	0.0639	0.000027	15.6	24.7	0.193	0.0058	99.4	0.021	0.0413	0.0003	0.00139	0.00115	0.693	0.00000539	0.00221	0.00133	0.00314	0.000588
2048 Jul	702	0.491	2.41	0.0468	142	0.156	308	0.0126	0.00129	0.00000827	0.012	0.0164	0.277	0.0316	0.0000114	97.8	0.0000593	0.00621	0.000583	0.00375	0.0619	0.0000263	15	23.9	0.185	0.00559	95.2	0.0204	0.0405	0.000286	0.00136	0.00111	0.671	0.00000522	0.00214	0.0013	0.00308	0.00056
2048 Aug	731	0.506	2.5	0.0482	147	0.165	322	0.0129	0.0013	0.00000849	0.0124	0.0169	0.294	0.0326	0.0000118	101	0.0000622	0.00661	0.000605	0.00397	0.0625	0.0000276	15.7	25.3	0.193	0.00587	98.4	0.0218	0.0407	0.000287	0.00143	0.00115	0.708	0.00000536	0.00228	0.00134	0.00317	0.000573
2048 Sep	740	0.51	2.52	0.0484	148	0.17	328	0.0128	0.00129	0.00000851	0.0125	0.017	0.303	0.0328	0.0000119	102	0.0000635	0.00682	0.000613	0.00407	0.0619	0.0000281	16	25.9	0.195	0.00599	99.3	0.0225	0.0401	0.000282	0.00146	0.00117	0.725	0.00000537	0.00226	0.00136	0.00318	0.00057
2048 Oct	738	0.508	2.51	0.048	148	0.171	327	0.0127	0.00128	0.00000846	0.0125	0.0168	0.304	0.0327	0.0000118	102	0.0000635	0.00685	0.000612	0.00409	0.0612	0.0000282	15.9	26	0.195	0.00598	99	0.0227	0.0397	0.000279	0.00146	0.00116	0.726	0.00000533	0.00237	0.00136	0.00317	0.000563
2048 Nov	739	0.509	2.52	0.048	148	0.171	327	0.0126	0.00127	0.00000847	0.0125	0.0168	0.305	0.0328	0.0000118	102	0.0000637	0.00688	0.000613	0.0041	0.0612	0.0000282	16	26.1	0.195	0.006	99.1	0.0228	0.0397	0.000278	0.00147	0.00116	0.728	0.00000533	0.00238	0.00136	0.00317	0.000563
2048 Dec	739	0.509	2.52	0.0481	148	0.171	327	0.0126	0.00127	0.00000847	0.0125	0.0168	0.305	0.0328	0.0000118	102	0.0000637	0.00688	0.000613	0.00411	0.0612	0.0000283	16	26.1	0.195	0.006	99.1	0.0228	0.0397	0.000278	0.00147	0.00116	0.728	0.00000533	0.00238	0.00136	0.00317	0.000563
2049 Jan	739	0.509	2.52	0.0481	148	0.171	327	0.0126	0.00127	0.00000847	0.0125	0.0168	0.305	0.0328	0.0000118	102	0.0000637	0.00688	0.000613	0.00411	0.0612	0.0000283	16	26.1	0.195	0.006	99.1	0.0228	0.0397	0.000278	0.00147	0.00116	0.728	0.00000533	0.00238	0.00136	0.00317	0.000563
2049 Feb	739	0.509	2.52	0.0481	148	0.171	328	0.0126	0.00127	0.00000847	0.0125	0.0168	0.305	0.0328	0.0000118	102	0.0000637	0.00688	0.000613	0.00411	0.0612	0.0000283	16	26.1	0.195	0.006	99.1	0.0228	0.0397	0.000278	0.00147	0.00116	0.728	0.00000533	0.00238	0.00136	0.00317	0.000563
2049 Mar	739	0.509	2.52	0.0481	148	0.171	328	0.0127	0.00128	0.00000848	0.0125	0.0169	0.305	0.0328	0.0000118	102	0.0000638	0.00689	0.000613	0.00411	0.0613	0.0000283	16	26.1	0.195	0.006	99.2	0.0228	0.0397	0.000279	0.00147	0.00116	0.729	0.00000533	0.00238	0.00136	0.00317	0.000563
2049 Apr	742	0.511	2.53	0.0482	149	0.172	329	0.0127	0.00128	0.0000085	0.0125	0.0169	0.306	0.0329	0.0000119	102	0.000064	0.00691	0.000615	0.00412	0.0615	0.0000284	16	26.2	0.196	0.00602	99.5	0.0229	0.0398	0.00028	0.00148	0.00117	0.731	0.00000535	0.00239	0.00137	0.00318	0.000565
2049 May	752	0.518	2.56	0.0489	151	0.174	333	0.0129	0.0013	0.00000862	0.0127	0.0171	0.311	0.0334	0.000012	104	0.0000649	0.007	0.000624	0.00418	0.0623	0.0000288	16.3	26.5	0.199	0.00611	101	0.0232	0.0404	0.000283	0.0015	0.00118	0.741	0.00000542	0.00242	0.00139	0.00323	0.000573
2049 Jun	691	0.473	2.34	0.0447	138	0.162	307	0.0118	0.00123	0.00000812	0.012	0.0157	0.288	0.031	0.0000112	95.3	0.0000609	0.00649	0.000577	0.00389	0.0585	0.000027	15	24.6	0.183	0.00563	92.3	0.0215	0.0388	0.000261	0.00139	0.00109	0.686	0.00000505	0.00225	0.0013	0.00306	0.000521
2049 Jul	678	0.462	2.29	0.0436	135	0.161	301	0.0115	0.00121	0.00000802	0.0119	0.0154	0.285	0.0306	0.0000111	93.4	0.0000604	0.00643	0.000567	0.00385	0.0575	0.0000267	14.8	24.3	0.18	0.00554	90.2	0.0214	0.0384	0.000254	0.00138	0.00107	0.677	0.00000497	0.00222	0.00128	0.00303	0.000507
2049 Aug	721	0.489	2.42	0.0461	143	0.172	322	0.0121	0.00126	0.00000847	0.0126	0.0163	0.306	0.0323	0.0000117	99.3	0.0000644	0.00691	0.000602	0.00413	0.0601	0.0000285	15.8	26	0.191	0.00592	95.4	0.023	0.0399	0.000264	0.00147	0.00114	0.725	0.00000525	0.00239	0.00136	0.0032	0.000537
2049 Sep	732	0.492	2.44	0.0463	144	0.178	328	0.0121	0.00125	0.00000849	0.0127	0.0164	0.315	0.0326	0.0000118	100	0.0000658	0.00714	0.000611	0.00425	0.0593	0.0000291	16.1	26.7	0.194	0.00606	96.1	0.0238	0.0392	0.000259	0.00151	0.00115	0.745	0.00000527	0.00247	0.00138	0.00322	0.000537
2049 Oct	729	0.489	2.43	0.0459	143	0.179	328	0.0119	0.00123	0.00000843	0.0127	0.0163	0.317	0.0324	0.0000117	99.9	0.0000658	0.00719	0.000609	0.00427	0.0586	0.0000291	16.1	26.8	0.194	0.00606	95.5	0.024	0.0387	0.000254	0.00152	0.00115	0.747	0.00000522	0.00249	0.00137	0.0032	0.000529
2049 Nov	730	0.489	2.43	0.0459	143	0.18	328	0.0119	0.00123	0.00000844	0.0127	0.0163	0.319	0.0325	0.0000118	100	0.0000661	0.00723	0.000611	0.00429	0.0585	0.0000293	16.1	27	0.194	0.00608	95.6	0.0242	0.0386	0.000254	0.00152	0.00115	0.75	0.00000523	0.00251	0.00138	0.0032	0.000528
2049 Dec	731	0.49	2.43	0.0459	143	0.18	329	0.0119	0.00123	0.00000844	0.0127	0.0163	0.319	0.0325	0.0000118	100	0.0000662	0.00724	0.000611	0.0043	0.0585	0.0000293	16.1	27	0.194	0.00609	95.7	0.0242	0.0386	0.000253	0.00152	0.00115	0.751	0.00000523	0.00251	0.00138	0.0032	0.000528
2050 Jan	731	0.49	2.43	0.0459	143	0.18	329	0.0119	0.00123	0.00000844	0.0127	0.0163	0.319	0.0325	0.0000118	100	0.0000662	0.00724	0.000611	0.0043	0.0585	0.0000293	16.1	27	0.194	0.00609	95.7	0.0242	0.0387	0.000254	0.00152	0.00115	0.751	0.00000523	0.00251	0.00138	0.0032	0.000528
2050 Feb	731	0.49	2.43	0.0459	143	0.18	329	0.0119	0.00123	0.00000844	0.0127	0.0163	0.319	0.0325	0.0000118	100	0.0000662	0.00724	0.000612	0.0043	0.0585	0.0000293	16.1	27	0.194	0.00609	95.7	0.0242	0.0387	0.000254	0.00152	0.00115	0.751	0.00000523	0.00251	0.00138	0.0032	0.000528
2050 Mar	731	0.49	2.43	0.0459	143	0.18	329	0.0119	0.00123	0.00000845	0.0127	0.0163	0.319	0.0326	0.0000118	100	0.0000662	0.00724	0.000612	0.0043	0.0585	0.0000293	16.1	27	0.194	0.00609	95.7	0.0242	0.0387	0.000254	0.00152	0.00115	0.751	0.00000523	0.00251	0.00138	0.0032	0.000528
2050 Apr	733	0.491	2.44	0.046	143	0.181	330	0.0119	0.00123	0.00000847	0.0128	0.0164	0.32	0.0326	0.0000118	100	0.0000664	0.00726	0.000613	0.00431	0.0587	0.0000294	16.2	27.1	0.195	0.00611	95.9	0.0243	0.0387	0.000254	0.00153	0.00116	0.753	0.00000524	0.00252	0.00138	0.00321	0.000529
2050 May	741	0.497	2.47	0.0466	145	0.183	333	0.0121	0.00124	0.00000856	0.0129	0.0165	0.323	0.033	0.0000119	101	0.0000671	0.00734	0.00062	0.00436	0.0593	0.0000297	16.3	27.4	0.197	0.00618	97	0.0246	0.0392	0.000257	0.00155	0.00117	0.762	0.0000053	0.00255	0.0014	0.00325	0.000535
2050 Jun	702	0.468	2.31	0.044	137	0.174	316	0.0114	0.0012	0.00000825	0.0124	0.0157	0.308	0.0316	0.0000114	96.4	0.0000644	0.00699	0.000591	0.00416	0.0572	0.0000285	15.5	26	0.187	0.00586	91.5	0.0234	0.0383	0.000246	0.00148	0.00111	0.725	0.00000507	0.00242	0.00134	0.00314	0.000505
2050 Jul	681	0.452	2.24	0.0425	132	0.17	307	0.011	0.00117	0.00000805	0.0122	0.0152	0.3	0.0307	0.0000111	93.6	0.000063	0.00683	0.000574	0.00406	0.0556	0.0000279	15.1	25.4	0.182	0.00571	88.4	0.0229	0.0374	0.000237	0.00144	0.00108	0.707	0.00000494	0.00237	0.00131	0.00307	0.000488
2050 Aug	709	0.467	2.32	0.044	137	0.178	321	0.0114	0.00121	0.00000833	0.0126	0.0158	0.315	0.0318	0.0000116	97.4	0.0000657	0.00716	0.000597	0.00425	0.0571	0.000029	15.8	26.6	0.189	0.00597	91.4	0.024	0.0383	0.000242	0.00151	0.00112	0.739	0.00000512	0.00248	0.00136	0.00318	0.000507
2050 Sep	721	0.471	2.35	0.0444	138	0.183	328	0.0116	0.00121	0.00000841	0.0128	0.016	0.323	0.0322	0.0000117	99	0.000067	0.00736	0.000607	0.00436	0.057	0.0000296	16.1	27.3	0.193	0.0061	92.3	0.0247	0.038	0.00024	0.00154	0.00114	0.757	0.00000517	0.00255	0.00138	0.00321	0.000512
2050 Oct	730	0.476	2.37	0.0449	139	0.186	333	0.0117	0.00121	0.00000849	0.0129	0.0162	0.329	0.0326	0.0000118	100	0.0000679	0.00748	0.000614	0.00442	0.0572	0.00003	16.3	27.7	0.195	0.00619	93.2	0.0251	0.0382	0.000241	0.00156	0.00116	0.769	0.00000522	0.0026	0.0014	0.00324	0.000517
2050 Nov	733	0.478	2.38	0.045	140	0.187	335	0.0117	0.00121	0.00000852	0.013	0.0163	0.331	0.0327	0.0000119	101	0.0000683	0.00754	0.000617	0.00445	0.0574	0.0000302	16.4	27.9	0.196	0.00623	93.6	0.0253	0.0382	0.000241	0.00157	0.00117	0.773	0.00000524	0.00261	0.0014	0.00326	0.000519
2050 Dec	734	0.478	2.38	0.045	140	0.187	335	0.0117	0.00121	0.00000852	0.013	0.0163	0.331	0.0327	0.0000119	101	0.0000683	0.00754	0.000618	0.00446	0.0574	0.0000302	16.4	27.9	0.197	0.00624	93.6	0.0253	0.0382	0.000241	0.00158	0.00117	0.774	0.00000524	0.00262	0.0014	0.00326	0.000519
2051 Jan	734	0.478	2.38	0.0451	140	0.187	335	0.0117	0.00121	0.00000852	0.013	0.0163	0.331	0.0327	0.0000119	101	0.0000684	0.00754	0.000618	0.00446	0.0574	0.0000302	16.5	27.9	0.197	0.00624	93.6	0.0253	0.0382	0.000241	0.00158	0.00117	0.774	0.00000525	0.00262	0.00141	0.00326	0.000519
2051 Feb	734	0.478	2.38	0.0451	140	0.187	335	0.0117	0.00121	0.00000852	0.013	0.0163	0.331	0.0327	0.0000119	101	0.0000684	0.00755	0.000618	0.00446	0.0574	0.0000302	16.5	27.9	0.197	0.00624	93.6	0.0253	0.0382	0.000241	0.00158	0.00117	0.774	0.00000525	0.00262	0.00141	0.00326	0.000519
2051 Mar	734	0.478	2.38	0.0451	140	0.187	335	0.0117	0.00122	0.00000853	0.013	0.0163	0.331	0.0327	0.0000119	101	0.0000684	0.00755	0.000618	0.00446	0.0574	0.0000302	16.5	27.9	0.197	0.00624	93.7	0.0254	0.0382	0.000241	0.00158	0.00117	0.775	0.00000525	0.00262	0.00141	0.00326	0.000519
2051 Apr	737	0.48	2.39	0.0452	140	0.188	336	0.0118	0.00122	0.00000856	0.013	0.0164	0.333	0.0329	0.0000119	101	0.0000686	0.00758	0.000621	0.00448	0.0576	0.0000303	16.5	28	0.197	0.00626	94	0.0254	0.0384	0.000242	0.00158	0.00117	0.778	0.00000527	0.00263	0.00141	0.00327	0.000521
2051 May	747	0.486	2.42	0.0458	142	0.191	341	0.0119	0.00123	0.00000867	0.0132	0.0166	0.338	0.0334	0.0000121	103	0.0000697	0.00771	0.000631	0.00455	0.0584	0.0000308	16.8	28.5	0.2	0.00636	95.2	0.0259	0.0388	0.000247	0.00161	0.00119	0.79	0.00000533	0.00267	0.00143	0.00332	0.000526
2051 Jun	675	0.432	2.14	0.0405	126	0.177	309	0.0105	0.00113	0.00000802	0.0123	0.0149	0.311	0.0314	0.0000111	93.2	0.0000648	0.00712	0.00059	0.00423	0.0555	0.0000286	15.3	26.2	0.184	0.00579	84.5	0.024	0.0367	0.000243	0.00148	0.00107	0.729	0.00000486	0.00247	0.00135	0.00309	0.000464
2051 Jul	677	0.431	2.14	0.0405	126	0.178	312	0.0105	0.00114	0.00000807	0.0124	0.0149	0.314	0.0315	0.0000112	93.7	0.0000654	0.00719	0.000593	0.00426	0.0556	0.0000289	15.4	26.5	0.185	0.00584	84.4	0.0242	0.0368	0.000243	0.0015	0.00108	0.735	0.00000489	0.00249	0.00136	0.00311	0.000466
2051 Aug	701	0.439	2.18	0.0415	128	0.187	326	0.0109	0.00115	0.00000826	0.0127	0.0155	0.33	0.0323	0.0000115	97.3	0.0000679	0.00756	0.000613	0.00446	0.0558	0.0003	16.1	27.7	0.193	0.00611	86	0.0255	0.0366	0.000241	0.00157	0.00113	0.769	0.00000503	0.00262	0.0014	0.00318	0.000482
2051 Sep	703	0.435	2.16	0.0412	127	0.19	328	0.0108	0.00113	0.00000822	0.0127	0.0155	0.335	0.0323	0.0000115	97.5	0.0000684	0.00768	0.000615	0.00452	0.0549	0.0000302	16.2	28.1	0.194	0.00617	85.3	0.026	0.036	0.000235	0.00158	0.00113	0.778	0.00000501	0.00267	0.0014	0.00317	0.000478
2051 Oct	674	0.417	2.06	0.0392	121	0.184	316	0.0102	0.00108	0.00000792	0.0123	0.0148	0.324	0.0312	0.000011	93.5	0.0000662	0.00744	0.000592	0.00439	0.0526	0.0000293	15.6	27.2	0.186	0.00595	81.3	0.0252	0.0348	0.000221	0.00153	0.00109	0.752	0.0000048	0.00259	0.00135	0.00304	0.000453
2051 Nov	674	0.417	2.06	0.0391	121	0.185	316	0.0102	0.00108	0.00000792	0.0124	0.0148	0.325	0.0313	0.0000111	93.6	0.0000663	0.00746	0.000593	0.0044	0.0526	0.0000293	15.6	27.2	0.186	0.00596	81.3	0.0253	0.0348	0.00022	0.00153	0.00109	0.754	0.0000048	0.00259	0.00135	0.00304	0.000452
2051 Dec	674	0.417	2.06	0.0392	121	0.185	316	0.0102	0.00108	0.00000793	0.0124	0.0148	0.325	0.0313	0.0000111	93.6	0.0000663	0.00747	0.000593	0.0044	0.0526	0.0000293	15.6	27.2	0.186	0.00597	81.3	0.0253	0.0348	0.00022	0.00153	0.00109	0.754	0.0000048	0.00259	0.00135	0.00305	0.000452
2052 Jan	675	0.417	2.06	0.0392	121	0.185	316	0.0102	0.00108	0.00000793	0.0124	0.0148	0.325	0.0313	0.0000111	93.6	0.0000663	0.00747	0.000593	0.0044	0.0526	0.0000293	15.6	27.2	0.186	0.00597	81.3	0.0253	0.0348	0.00022	0.00153	0.00109	0.754	0.0000048	0.00259	0.00135	0.00305	0.000452
2052 Feb	675	0.417	2.06	0.0392	121	0.185	316	0.0102	0.00108	0.00000793	0.0124	0.0148	0.325	0.0313	0.0000111	93.6	0.0000664	0.00747	0.000593	0.0044

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2054 Dec	758	0.409	2	0.0393	119	0.233	377	0.0107	0.00109	0.00000882	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.000729	0.00553	0.0583	0.0000356	18.8	34.1	0.225	0.00723	79.7	0.0325	0.0352	0.00027	0.00189	0.00127	0.939	0.0000053	0.0033	0.00164	0.00344	0.000475
2055 Jan	758	0.409	2	0.0393	119	0.233	377	0.0107	0.00109	0.00000882	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.000729	0.00554	0.0583	0.0000356	18.8	34.1	0.225	0.00723	79.6	0.0325	0.0352	0.00027	0.00189	0.00127	0.939	0.0000053	0.0033	0.00164	0.00344	0.000475
2055 Feb	758	0.409	2	0.0393	119	0.233	377	0.0107	0.00109	0.00000882	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.000729	0.00554	0.0584	0.0000356	18.8	34.1	0.225	0.00723	79.6	0.0325	0.0352	0.00027	0.00189	0.00127	0.939	0.0000053	0.0033	0.00164	0.00344	0.000475
2055 Mar	759	0.409	2	0.0393	119	0.233	378	0.0107	0.00109	0.00000882	0.0142	0.0166	0.409	0.0376	0.0000125	109	0.0000806	0.0095	0.00073	0.00554	0.0584	0.0000356	18.8	34.1	0.225	0.00723	79.7	0.0325	0.0352	0.00027	0.00189	0.00127	0.939	0.0000053	0.00331	0.00164	0.00344	0.000475
2055 Apr	761	0.41	2.01	0.0394	119	0.233	379	0.0107	0.0011	0.00000884	0.0142	0.0166	0.41	0.0377	0.0000125	109	0.0000808	0.00952	0.000732	0.00555	0.0585	0.0000357	18.8	34.2	0.225	0.00725	79.9	0.0326	0.0353	0.000271	0.0019	0.00128	0.942	0.0000053	0.00331	0.00164	0.00345	0.000476
2055 May	770	0.415	2.03	0.0399	121	0.236	383	0.0108	0.00111	0.00000895	0.0144	0.0168	0.415	0.0382	0.0000127	110	0.0000818	0.00963	0.00074	0.00562	0.0592	0.0000361	19.1	34.6	0.228	0.00733	80.8	0.033	0.0357	0.000274	0.00192	0.00129	0.953	0.0000053	0.00335	0.00166	0.00349	0.000481
2055 Jun	707	0.376	1.84	0.0363	109	0.219	353	0.00997	0.00106	0.00000844	0.0136	0.0155	0.384	0.0354	0.0000119	102	0.0000764	0.00891	0.000683	0.00521	0.0557	0.0000337	17.6	31.9	0.21	0.00676	73.3	0.0305	0.0345	0.000252	0.00178	0.00119	0.88	0.0000502	0.0031	0.00155	0.0033	0.000441
2055 Jul	703	0.371	1.81	0.036	108	0.218	352	0.00997	0.00106	0.00000845	0.0136	0.0155	0.382	0.0353	0.0000119	101	0.0000763	0.00887	0.00068	0.00519	0.0556	0.0000336	17.5	31.8	0.209	0.00674	72.2	0.0304	0.0347	0.000249	0.00178	0.00119	0.877	0.0000503	0.00309	0.00155	0.00331	0.000441
2055 Aug	735	0.383	1.87	0.0375	111	0.228	370	0.0105	0.0011	0.00000878	0.0141	0.0163	0.401	0.0366	0.0000124	106	0.0000797	0.00931	0.000709	0.00543	0.0571	0.0000351	18.4	33.4	0.219	0.00708	74.6	0.0319	0.0355	0.000255	0.00186	0.00125	0.92	0.0000525	0.00324	0.00161	0.00344	0.000466
2055 Sep	743	0.383	1.87	0.0377	111	0.232	376	0.0106	0.0011	0.00000883	0.0142	0.0165	0.408	0.0369	0.0000125	108	0.0000807	0.00947	0.000716	0.00551	0.0569	0.0000356	18.7	33.9	0.222	0.0072	74.6	0.0324	0.0352	0.000253	0.00189	0.00127	0.934	0.0000053	0.0033	0.00163	0.00346	0.000472
2055 Oct	749	0.384	1.88	0.0379	111	0.234	379	0.0107	0.0011	0.00000888	0.0143	0.0166	0.412	0.0371	0.0000126	109	0.0000814	0.00956	0.000722	0.00556	0.057	0.0000359	18.9	34.2	0.224	0.00726	74.9	0.0327	0.0352	0.000253	0.00191	0.00128	0.942	0.0000053	0.00333	0.00164	0.00349	0.000475
2055 Nov	751	0.385	1.88	0.038	112	0.235	381	0.0107	0.0011	0.0000089	0.0144	0.0166	0.414	0.0372	0.0000126	109	0.0000817	0.0096	0.000724	0.00558	0.0571	0.000036	18.9	34.4	0.225	0.00729	75	0.0329	0.0352	0.000253	0.00192	0.00128	0.946	0.0000053	0.00334	0.00164	0.00349	0.000476
2055 Dec	751	0.385	1.88	0.038	112	0.235	381	0.0107	0.0011	0.00000891	0.0144	0.0167	0.414	0.0372	0.0000126	109	0.0000817	0.00961	0.000724	0.00559	0.0571	0.000036	18.9	34.4	0.225	0.00729	75.1	0.0329	0.0352	0.000253	0.00192	0.00128	0.947	0.0000053	0.00335	0.00164	0.0035	0.000476
2056 Jan	751	0.385	1.88	0.038	112	0.235	381	0.0107	0.0011	0.00000891	0.0144	0.0167	0.414	0.0372	0.0000126	109	0.0000817	0.00961	0.000724	0.00559	0.0571	0.000036	18.9	34.4	0.225	0.0073	75.1	0.0329	0.0352	0.000253	0.00192	0.00128	0.947	0.0000534	0.00335	0.00164	0.0035	0.000476
2056 Feb	751	0.385	1.88	0.038	112	0.235	381	0.0107	0.0011	0.00000891	0.0144	0.0167	0.414	0.0373	0.0000126	109	0.0000818	0.00961	0.000724	0.00559	0.0571	0.000036	18.9	34.4	0.225	0.0073	75.1	0.0329	0.0352	0.000253	0.00192	0.00128	0.947	0.0000534	0.00335	0.00164	0.0035	0.000476
2056 Mar	752	0.385	1.88	0.038	112	0.235	381	0.0107	0.0011	0.00000891	0.0144	0.0167	0.414	0.0373	0.0000126	109	0.0000818	0.00962	0.000725	0.00559	0.0572	0.000036	18.9	34.4	0.225	0.0073	75.1	0.0329	0.0352	0.000253	0.00192	0.00128	0.947	0.0000535	0.00335	0.00164	0.0035	0.000476
2056 Apr	754	0.387	1.89	0.0381	112	0.236	382	0.0108	0.0011	0.00000894	0.0144	0.0167	0.416	0.0374	0.0000126	109	0.0000821	0.00965	0.000727	0.00561	0.0574	0.0000361	19	34.5	0.226	0.00732	75.3	0.033	0.0353	0.000254	0.00192	0.00129	0.95	0.0000536	0.00336	0.00165	0.00351	0.000478
2056 May	755	0.387	1.88	0.0381	112	0.236	383	0.0108	0.00111	0.00000898	0.0145	0.0167	0.416	0.0378	0.0000127	110	0.0000822	0.00965	0.000734	0.00562	0.0584	0.0000362	19	34.6	0.227	0.00733	75.3	0.033	0.0358	0.000263	0.00193	0.00129	0.952	0.0000538	0.00336	0.00166	0.00353	0.000478
2056 Jun	696	0.354	1.71	0.0349	103	0.218	353	0.00998	0.00106	0.00000845	0.0135	0.0155	0.383	0.0365	0.0000119	103	0.0000764	0.0089	0.000702	0.00522	0.0585	0.0000337	17.6	32	0.213	0.00675	68.7	0.0305	0.0351	0.000283	0.00178	0.00119	0.884	0.0000503	0.00309	0.00158	0.00331	0.000442
2056 Jul	725	0.367	1.77	0.0363	106	0.227	368	0.0104	0.0011	0.00000878	0.0141	0.0162	0.4	0.0379	0.0000123	107	0.0000796	0.00929	0.000731	0.00544	0.0605	0.0000351	18.4	33.4	0.223	0.00705	71.1	0.0318	0.0362	0.000293	0.00186	0.00124	0.922	0.0000524	0.00323	0.00165	0.00344	0.000461
2056 Aug	751	0.373	1.8	0.0373	108	0.237	384	0.0109	0.00112	0.00000902	0.0145	0.0169	0.417	0.039	0.0000128	111	0.0000824	0.00968	0.000755	0.00565	0.0613	0.0000363	19.2	34.8	0.231	0.00736	72.3	0.0331	0.0364	0.000295	0.00193	0.0013	0.959	0.0000541	0.00337	0.0017	0.00353	0.000483
2056 Sep	776	0.38	1.83	0.0382	109	0.246	400	0.0112	0.00114	0.00000926	0.0149	0.0175	0.434	0.04	0.0000131	115	0.0000853	0.0101	0.00078	0.00587	0.0621	0.0000376	19.9	36.2	0.239	0.00765	73.6	0.0345	0.0366	0.000299	0.00201	0.00135	0.997	0.0000557	0.00351	0.00175	0.00363	0.000499
2056 Oct	770	0.376	1.81	0.0378	108	0.245	397	0.0111	0.00112	0.00000918	0.0148	0.0173	0.432	0.0397	0.000013	114	0.0000849	0.0101	0.000775	0.00585	0.0613	0.0000374	19.8	36	0.238	0.00761	72.8	0.0344	0.0361	0.000294	0.002	0.00134	0.993	0.0000552	0.0035	0.00174	0.0036	0.000493
2056 Nov	769	0.375	1.81	0.0377	108	0.245	397	0.0111	0.00112	0.00000917	0.0148	0.0173	0.433	0.0397	0.000013	114	0.0000849	0.0101	0.000774	0.00585	0.0612	0.0000374	19.8	36	0.238	0.00761	72.7	0.0344	0.036	0.000293	0.002	0.00134	0.993	0.0000551	0.0035	0.00174	0.0036	0.000492
2056 Dec	770	0.375	1.81	0.0377	108	0.246	397	0.0111	0.00112	0.00000917	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000774	0.00586	0.0612	0.0000374	19.8	36.1	0.238	0.00761	72.7	0.0345	0.036	0.000293	0.002	0.00134	0.993	0.0000551	0.0035	0.00174	0.0036	0.000492
2057 Jan	770	0.375	1.81	0.0377	108	0.246	397	0.0111	0.00112	0.00000917	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000774	0.00586	0.0612	0.0000374	19.8	36.1	0.238	0.00761	72.7	0.0345	0.036	0.000293	0.002	0.00134	0.993	0.0000551	0.0035	0.00174	0.0036	0.000492
2057 Feb	770	0.375	1.81	0.0377	108	0.246	397	0.0111	0.00112	0.00000917	0.0148	0.0173	0.433	0.0397	0.000013	114	0.000085	0.0101	0.000775	0.00586	0.0613	0.0000374	19.8	36.1	0.238	0.00761	72.7	0.0345	0.036	0.000293	0.002	0.00134	0.994	0.0000551	0.0035	0.00174	0.0036	0.000492
2057 Mar	771	0.375	1.81	0.0377	108	0.246	398	0.0111	0.00112	0.00000918	0.0148	0.0173	0.433	0.0398	0.000013	114	0.0000851	0.0101	0.000775	0.00586	0.0613	0.0000375	19.8	36.1	0.238	0.00762	72.7	0.0345	0.0361	0.000294	0.002	0.00134	0.994	0.0000552	0.00351	0.00174	0.0036	0.000492
2057 Apr	773	0.377	1.81	0.0379	108	0.247	399	0.0111	0.00112	0.00000921	0.0149	0.0174	0.435	0.0399	0.0000131	115	0.0000854	0.0101	0.000778	0.00588	0.0615	0.0000376	19.9	36.2	0.239	0.00765	73	0.0346	0.0362	0.000295	0.00201	0.00134	0.998	0.0000554	0.00352	0.00175	0.00361	0.000494
2057 May	784	0.382	1.84	0.0384	110	0.25	405	0.0113	0.00114	0.00000934	0.0151	0.0176	0.441	0.0405	0.0000133	116	0.0000866	0.0102	0.000789	0.00596	0.0624	0.0000381	20.1	36.7	0.242	0.00775	74	0.0351	0.0367	0.000299	0.00204	0.00136	1.01	0.0000561	0.00357	0.00177	0.00366	0.000501
2057 Jun	718	0.347	1.66	0.035	100	0.23	371	0.0103	0.00108	0.00000876	0.0141	0.0162	0.404	0.038	0.0000123	107	0.0000802	0.00941	0.000735	0.0055	0.0599	0.0000353	18.5	33.7	0.224	0.00711	67.2	0.0322	0.0356	0.000291	0.00188	0.00125	0.931	0.0000522	0.00327	0.00166	0.00344	0.000459
2057 Jul	732	0.352	1.69	0.0355	101	0.235	379	0.0105	0.0011	0.00000893	0.0144	0.0165	0.413	0.0387	0.0000126	109	0.0000819	0.00961	0.000749	0.00562	0.0609	0.0000361	18.9	34.5	0.228	0.00726	68.1	0.0329	0.0362	0.000295	0.00192	0.00128	0.951	0.0000533	0.00334	0.00169	0.00351	0.000467
2057 Aug	787	0.371	1.78	0.0379	107	0.254	410	0.0114	0.00116	0.00000951	0.0154	0.0178	0.448	0.0413	0.0000135	118	0.0000882	0.0104	0.000803	0.00606	0.0639	0.0000388	20.4	37.3	0.246	0.00786	71.8	0.0357	0.0376	0.000308	0.00207	0.00138	1.03	0.0000057	0.00362	0.00181	0.00374	0.000505
2057 Sep	804	0.377	1.8	0.0385	108	0.261	420	0.0116	0.00117	0.00000969	0.0157	0.0182	0.46	0.0421	0.0000138	121	0.0000905	0.0107	0.000822	0.00623	0.0646	0.0000398	21	38.3	0.252	0.00807	72.9	0.0367	0.0379	0.000311	0.00213	0.00141	1.06	0.0000581	0.00373	0.00185	0.00382	0.000514
2057 Oct	806	0.375	1.8	0.0383	108	0.263	422	0.0115	0.00117	0.00000969	0.0157	0.0182	0.463	0.0422	0.0000138	121	0.0000908	0.0108	0.000824	0.00627	0.0643	0.00004	21	38.5	0.252	0.0081	72.6	0.037	0.0376	0.000309	0.00214	0.00142	1.06	0.0000581	0.00375	0.00185	0.00382	0.000511
2057 Nov	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000825	0.00628	0.0643	0.0000401	21.1	38.6	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00214	0.00142	1.06	0.0000581	0.00376	0.00186	0.00382	0.000511
2057 Dec	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000826	0.00629	0.0643	0.0000401	21.1	38.7	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00215	0.00142	1.06	0.0000581	0.00377	0.00186	0.00383	0.000511
2058 Jan	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0422	0.0000138	121	0.0000911	0.0108	0.000826	0.00629	0.0643	0.0000401	21.1	38.7	0.253	0.00812	72.7	0.0371	0.0376	0.000308	0.00215	0.00142	1.06	0.0000581	0.00377	0.00186	0.00383	0.000511
2058 Feb	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0423	0.0000138	121	0.0000911	0.0108	0.000826	0.00629	0.0643	0.0000401	21.1	38.7	0.253	0.00813	72.7	0.0371	0.0376	0.000308	0.00215	0.00142	1.06	0.0000581	0.00377	0.00186	0.00383	0.000511
2058 Mar	807	0.376	1.8	0.0383	108	0.264	423	0.0115	0.00117	0.00000971	0.0158	0.0182	0.465	0.0423	0.0000138	121	0.0000911	0.0108	0.000826	0.00629	0.0644	0.0000401	21.1	38.7	0.253	0.00813	72.7	0.0371	0.0376	0.000309	0.00215	0.00142	1.06	0.0000582	0.00377	0.00186	0.00383	0.000512
2058 Apr	809	0.377	1.8	0.0384	108	0.264	424	0.0115	0.00117	0.00000973	0.0158	0.0183	0.466	0.0424	0.0000138	121	0.0000913	0.0109	0.000828	0.0063	0.0645	0.0000402	21.1	38.8	0.254	0.00815	72.8	0.0372	0.0377	0.000309	0.00215	0.00142	1.07	0.0000583	0.00378	0.00186	0.00384	0.000513
2058 May	807	0.373	1.79	0.038	107	0.265	423	0.0114	0.00117	0.00000974	0.0158	0.0182	0.467	0.0428	0.0000138	121	0.0000917	0.0109	0.000836	0.00634	0.0655	0.0000403	21.1	38.9	0.255	0.00814	72.2	0.0374	0.038	0.00032	0.00216	0.00142	1.07	0.0000581	0.00379	0.00188	0.00384	0.000506
2058 Jun	708	0.322	1.52	0.0325	92.5	0.236	372	0.00983	0.00105	0.00000875	0.0142	0.0159	0.413	0.04	0.0000123	108	0.0000819	0.00967	0.000773	0.00567	0.0634	0.0000361	18.7	34.6	0.23	0.00717	61.8	0.0332	0.0358	0.000336	0.00192	0.00125	0.955	0.0000515	0.00336	0.00173	0.00345	0.000434
2058 Jul	727	0.328	1.55	0.0333	94.3	0.242	383	0.0101	0.00108	0.00000897	0.0146	0.0164	0.426	0.041	0.0000126	111	0.0000842	0.00995	0.000794	0.00583	0.0647	0.00037	19.2	35.6	0.236	0.00738	63	0.0342	0.0364	0.000342	0.00197	0.00129	0.983	0.0000529	0.00346	0.00177	0.00354	0.000448
2058 Aug	763	0.338	1.59	0.0347	96.9	0.255	405	0.0107	0.00111	0.00000934	0.0152	0.0173	0.449	0.0427	0.0000132	117	0.0000884	0.0105	0.000831	0.00614	0.0665	0.0000388	20.3	37.6	0.249	0.0078	64.9	0.0361	0.0371	0.000351	0.00208	0.00136	1.04	0.0000554	0.00365	0.00185	0.00369	0.000474
2058 Sep	770	0.338	1.59	0.0348	96.7	0.259	410	0.0107	0.00111	0.00000938	0.0153	0.0174	0.456	0.0429	0.0000133	118	0.0000894	0.0107	0.000838	0.00622	0.0663	0.0000393	20.5	38.1	0.251	0.0079	64.8	0.0367	0.0368	0.000349	0.00211	0.00137	1.05	0.0000557	0.00371	0.00187	0.00371	0.000477
2058 Oct	771	0.336	1.58	0.0346	96.2	0.261	411	0.0107	0.0011	0.00000937	0.0153	0.0174	0.459	0.0429	0.0000133	118	0.0000897	0.0107	0.000839	0.00625	0.0659	0.0000394	20.6	38.3	0.252	0.00794	64.5	0.0369	0.0365	0.000346	0.00211	0.00138	1.05	0.0000557	0.00373	0.00187	0.00371	0.000476
2058 Nov	773	0.337	1.58	0.0347	96.3	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.46	0.0431	0.0000134	118	0.00009	0.0108	0.000841	0.00627	0.066	0.0000396	20.7	38.4	0.252	0.00797	64.6	0.037	0.0365	0.000346	0.00212	0.00138	1.06	0.0000558	0.00375	0.00188	0.00372	0.000477
2058 Dec	774	0.337	1.58	0.0347	96.3	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.0431	0.0000134	118	0.00009	0.0108	0.000841	0.00628	0.066	0.0000396	20.7	38.4	0.253	0.00797	64.6	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.0000558	0.00375	0.00188	0.00372	0.000477
2059 Jan	774	0.337	1.58	0.0347	96.3	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.0431	0.0000134	118	0.0000901	0.0108	0.000841	0.00628	0.066	0.0000396	20.7	38.4	0.253	0.00797	64.6	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.0000558	0.00375	0.00188	0.00372	0.000477
2059 Feb	774	0.337	1.58	0.0347	96.3	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.0431	0.0000134	118	0.0000901	0.0108	0.000842	0.00628	0.066	0.0000396	20.7	38.4	0.253	0.00797	64.6	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.0000558	0.00375	0.00188	0.00372	0.000477
2059 Mar	774	0.337	1.58	0.0347	96.3	0.262	413	0.0107	0.0011	0.0000094	0.0154	0.0175	0.461	0.0431	0.0000134	118	0.0000901	0.0108	0.000842	0.00628	0.066	0.0000396	20.7	38.4	0.253	0.00797	64.6	0.0371	0.0365	0.000346	0.00212	0.00138	1.06	0.0000558	0.00375	0.00188	0.00372	0.000477
2059 Apr	776	0.338	1.59	0.0348	96.6	0.262	414	0.0108	0.0011	0.00000942	0.0154	0.0175	0.462	0.0432	0.0000134	119	0.0000903	0.0108	0.000844	0.00629	0.0661	0.0000397	20.7	38.5	0.253	0.00799	64.8	0.0372	0.0366	0.000347	0.00213	0.00138	1.06	0.000056	0.00376	0.00188	0.00373	0.000478
2059 May	781	0.339	1.6	0.0349	97.1	0.264	417	0.0108	0.00111	0.0000095	0.0155	0.0177	0.465	0.0436	0.0000135	119	0.000091	0.0109	0.000852	0.00634	0.067	0.00004	20.9	38.8	0.255	0.00804	65.1	0.0374	0.037	0.000354	0.00214	0.00139	1.07	0.0000564	0.00378	0.0019	0.00376	0.00048
2059 Jun	755	0.326	1.53	0.0336	93.4	0.256	403	0.0104	0.0011	0.00000929	0.0152	0.0171	0.45	0.0433	0.0000131	116	0.0000885	0.0105	0.000841	0.00617	0.0677	0.0000389	20.2	37.7	0.25	0.00778	62.5	0.0363	0.0371	0.000367	0.00208	0.00135	1.04	0.0000549	0.00366	0.00187	0.00367	0.000463
2059 Jul	798	0.344	1.61	0.0354	98.5	0.271	426	0.011	0.00116	0.00000982	0.016	0.0181	0.476	0.0457	0.0000139	123	0.0000936	0.0112	0.000889	0.00652	0.0714	0.0000411	21.4	39.8	0.264	0.00823	65.9	0.0384	0.0391	0.000387	0.0022	0.00143	1.1	0.0000558	0.00388	0.00198	0.00388	0.000489
2059 Aug	842	0.359	1.67	0.0373	102	0.286	452	0.0118	0.00121	0.0000103	0.0168	0.0192	0.504	0.0479	0.0000146

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103
2062 Jun	731	0.271	1.2	0.0295	75.4	0.263	407	0.0101	0.00107
2062 Jul	716	0.263	1.17	0.0288	73.2	0.258	399	0.00997	0.00106
2062 Aug	732	0.263	1.16	0.0292	73	0.265	411	0.0102	0.00107
2062 Sep	727	0.257	1.14	0.0287	71.3	0.265	410	0.0101	0.00105
2062 Oct	673	0.238	1.04	0.0263	65.3	0.248	380	0.00932	0.000985
2062 Nov	673	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000985
2062 Dec	673	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000985
2063 Jan	673	0.238	1.03	0.0263	65.2	0.248	380	0.00931	0.000985
2063 Feb	673	0.238	1.03	0.0263	65.2	0.248	380	0.00932	0.000985
2063 Mar	673	0.238	1.03	0.0263	65.2	0.248	380	0.00932	0.000985
2063 Apr	675	0.238	1.04	0.0263	65.3	0.249	381	0.00934	0.000987
2063 May	676	0.238	1.03	0.0263	65.4	0.249	382	0.00935	0.000994
2063 Jun	575	0.201	0.856	0.0222	55.2	0.212	324	0.00804	0.000909
2063 Jul	581	0.2	0.85	0.0224	54.7	0.214	328	0.00819	0.000915
2063 Aug	621	0.207	0.876	0.0237	56.3	0.23	354	0.00884	0.000952
2063 Sep	632	0.207	0.874	0.0239	56.1	0.236	363	0.00894	0.000951
2063 Oct	627	0.204	0.862	0.0235	55.3	0.235	360	0.00881	0.000937
2063 Nov	627	0.204	0.86	0.0235	55.2	0.235	360	0.00879	0.000936
2063 Dec	627	0.204	0.86	0.0235	55.2	0.235	360	0.00879	0.000937
2064 Jan	627	0.204	0.86	0.0235	55.2	0.235	360	0.00879	0.000937
2064 Feb	627	0.204	0.86	0.0235	55.2	0.235	360	0.00879	0.000937
2064 Mar	628	0.204	0.861	0.0235	55.3	0.236	361	0.0088	0.000938
2064 Apr	629	0.205	0.863	0.0236	55.4	0.236	361	0.00882	0.00094
2064 May	623	0.202	0.847	0.0231	54.7	0.234	358	0.00868	0.000938
2064 Jun	562	0.181	0.742	0.0205	49	0.212	322	0.00776	0.00088
2064 Jul	586	0.186	0.763	0.0213	50.4	0.222	337	0.00813	0.000909
2064 Aug	608	0.188	0.769	0.0219	50.6	0.231	352	0.00846	0.000921
2064 Sep	606	0.184	0.752	0.0215	49.6	0.232	352	0.00834	0.000905
2064 Oct	612	0.185	0.754	0.0216	49.6	0.235	356	0.00836	0.000903
2064 Nov	614	0.185	0.756	0.0216	49.7	0.237	357	0.00838	0.000905
2064 Dec	615	0.185	0.756	0.0216	49.8	0.237	357	0.00838	0.000905
2065 Jan	615	0.185	0.756	0.0216	49.8	0.237	358	0.00838	0.000905
2065 Feb	615	0.185	0.756	0.0216	49.8	0.237	358	0.00838	0.000905
2065 Mar	616	0.185	0.757	0.0217	49.8	0.237	358	0.00839	0.000906
2065 Apr	618	0.186	0.76	0.0218	50	0.238	359	0.00842	0.00091
2065 May	622	0.187	0.761	0.0218	50.2	0.24	362	0.00843	0.000915
2065 Jun	580	0.173	0.696	0.0202	46.4	0.224	337	0.00788	0.000879
2065 Jul	612	0.18	0.725	0.0213	48.3	0.237	357	0.00839	0.000923
2065 Aug	649	0.187	0.75	0.0225	49.8	0.251	380	0.00896	0.000961
2065 Sep	640	0.181	0.726	0.022	48.2	0.249	377	0.0088	0.000935
2065 Oct	611	0.172	0.677	0.0207	45.1	0.24	361	0.00833	0.000889
2065 Nov	609	0.171	0.672	0.0206	44.8	0.24	360	0.0083	0.000886
2065 Dec	610	0.171	0.672	0.0206	44.8	0.24	360	0.0083	0.000886
2066 Jan	610	0.171	0.672	0.0206	44.8	0.24	360	0.0083	0.000886
2066 Feb	610	0.171	0.672	0.0206	44.8	0.24	361	0.0083	0.000886
2066 Mar	611	0.171	0.673	0.0206	44.9	0.241	361	0.00832	0.000888
2066 Apr	613	0.172	0.675	0.0207	45	0.241	362	0.00834	0.00089
2066 May	619	0.173	0.681	0.0209	45.4	0.244	366	0.00843	0.000899
2066 Jun	557	0.154	0.599	0.0188	40.5	0.219	329	0.00769	0.000862
2066 Jul	589	0.161	0.623	0.0198	42	0.232	349	0.00818	0.000908
2066 Aug	621	0.167	0.645	0.0209	43.4	0.245	369	0.00869	0.000945
2066 Sep	628	0.166	0.643	0.021	43.2	0.248	374	0.00877	0.000945
2066 Oct	621	0.163	0.628	0.0206	42.2	0.246	371	0.00865	0.000927
2066 Nov	621	0.163	0.624	0.0206	42	0.246	371	0.00865	0.000925
2066 Dec	621	0.163	0.624	0.0206	42	0.247	371	0.00865	0.000925
2067 Jan	621	0.163	0.624	0.0206	42	0.247	371	0.00865	0.000925
2067 Feb	621	0.163	0.624	0.0206	42	0.247	372	0.00866	0.000925
2067 Mar	622	0.163	0.625	0.0206	42	0.247	372	0.00867	0.000926
2067 Apr	623	0.163	0.626	0.0207	42.1	0.247	373	0.00869	0.000928
2067 May	629	0.165	0.63	0.0208	42.5	0.249	376	0.00876	0.00094
2067 Jun	594	0.155	0.586	0.0197	40	0.235	354	0.00835	0.000914
2067 Jul	630	0.163	0.613	0.0209	41.8	0.249	377	0.00894	0.000964
2067 Aug	651	0.165	0.62	0.0216	42.2	0.257	391	0.00932	0.000986
2067 Sep	661	0.166	0.622	0.0219	42.3	0.261	398	0.00948	0.000993
2067 Oct	649	0.162	0.602	0.0214	41	0.258	392	0.00932	0.00097
2067 Nov	648	0.161	0.599	0.0214	40.8	0.257	391	0.0093	0.000967
2067 Dec	649	0.161	0.599	0.0214	40.8	0.258	391	0.0093	0.000968
2068 Jan	649	0.161	0.599	0.0214	40.8	0.258	392	0.0093	0.000968
2068 Feb	649	0.161	0.599	0.0214	40.8	0.258	392	0.00931	0.000968
2068 Mar	650	0.162	0.6	0.0214	40.8	0.258	392	0.00932	0.00097
2068 Apr	654	0.163	0.604	0.0216	41.1	0.26	395	0.00939	0.000976
2068 May	654	0.163	0.601	0.0215	41.1	0.26	395	0.0094	0.000984
2068 Jun	566	0.141	0.502	0.0186	35.5	0.223	340	0.00824	0.000901
2068 Jul	584	0.142	0.507	0.0192	35.8	0.23	352	0.00858	0.000921
2068 Aug	619	0.149	0.527	0.0203	37.2	0.244	374	0.00914	0.000965
2068 Sep	623	0.148	0.524	0.0204	37	0.246	378	0.0092	0.000963
2068 Oct	627	0.148	0.524	0.0204	36.9	0.248	381	0.00925	0.000964
2068 Nov	630	0.149	0.525	0.0205	37	0.249	382	0.00928	0.000966
2068 Dec	630	0.149	0.525	0.0205	37	0.25	382	0.00929	0.000967
2069 Jan	630	0.149	0.525	0.0205	37	0.25	383	0.00929	0.000967
2069 Feb	630	0.149	0.525	0.0205	37	0.25	383	0.00929	0.000967
2069 Mar	631	0.149	0.525	0.0205	37	0.25	383	0.00929	0.000967
2069 Apr	632	0.149	0.526	0.0206	37.1	0.25	383	0.00931	0.000969
2069 May	642	0.151	0.535	0.0209	37.7	0.254	390	0.00946	0.000985
2069 Jun	599	0.14	0.49	0.0196	34.8	0.237	363	0.00895	0.000957
2069 Jul	624	0.143	0.499	0.0204	35.4	0.246	380	0.00943	0.000992
2069 Aug	649	0.147	0.51	0.0212	36.1	0.256	396	0.00985	0.00102
2069 Sep	637	0.143	0.492	0.0208	34.9	0.252	390	0.00968	0.000993
2069 Oct	609	0.137	0.462	0.0198	32.9	0.242	373	0.00926	0.000953
2069 Nov	609	0.136	0.46	0.0197	32.7	0.242	373	0.00925	0.000952

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099
Operation (2026-2036): Mean	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295
Operation (2026-2036): Max	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509
2062 Jun	0.00000931	0.0153	0.017	0.461	0.0441	0.0000132	117	0.00009	0.0108	0.000857	0.00633	0.0676	0.0000397
2062 Jul	0.0000092	0.0152	0.0167	0.452	0.0432	0.000013	115	0.0000886	0.0106	0.000838	0.00621	0.0666	0.000039
2062 Aug	0.00000935	0.0154	0.0171	0.465	0.0438	0.0000133	117	0.0000906	0.0109	0.000853	0.00636	0.0666	0.0000399
2062 Sep	0.00000925	0.0153	0.017	0.464	0.0433	0.0000131	117	0.0000902	0.0109	0.000845	0.00635	0.065	0.0000397
2062 Oct	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000841	0.0101	0.000783	0.00593	0.0604	0.0000371
2062 Nov	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000841	0.0102	0.000783	0.00593	0.0604	0.0000371
2062 Dec	0.00000865	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000842	0.0102	0.000784	0.00594	0.0604	0.0000372
2063 Jan	0.00000866	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000842	0.0102	0.000784	0.00594	0.0604	0.0000372
2063 Feb	0.00000866	0.0144	0.0157	0.433	0.0403	0.0000123	108	0.0000842	0.0102	0.000784	0.00594	0.0604	0.0000372
2063 Mar	0.00000866	0.0144	0.0157	0.433	0.0404	0.0000123	108	0.0000842	0.0102	0.000784	0.00594	0.0605	0.0000372
2063 Apr	0.00000867	0.0144	0.0158	0.434	0.0404	0.0000123	109	0.0000844	0.0102	0.000786	0.00595	0.0606	0.0000373
2063 May	0.00000871	0.0145	0.0158	0.435	0.0407	0.0000123	109	0.0000846	0.0102	0.000791	0.00596	0.0614	0.0000374
2063 Jun	0.00000771	0.0127	0.0135	0.369	0.0365	0.0000108	94	0.000073	0.00866	0.0007	0.00512	0.0579	0.0000323
2063 Jul	0.00000776	0.0128	0.0137	0.372	0.0367	0.0000109	95.1	0.0000736	0.00874	0.000704	0.00516	0.0579	0.0000325
2063 Aug	0.0000082	0.0135	0.0148	0.402	0.0386	0.0000116	102	0.0000787	0.00942	0.000747	0.00553	0.0597	0.0000347
2063 Sep	0.0000083	0.0137	0.015	0.412	0.0391	0.0000117	104	0.0000804	0.00967	0.000758	0.00566	0.0595	0.0000355
2063 Oct	0.00000822	0.0136	0.0149	0.41	0.0387	0.0000116	103	0.0000799	0.00963	0.000752	0.00564	0.0586	0.0000353
2063 Nov	0.00000822	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.00008	0.00964	0.000752	0.00564	0.0586	0.0000353
2063 Dec	0.00000823	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.00008	0.00965	0.000752	0.00564	0.0586	0.0000353
2064 Jan	0.00000823	0.0137	0.0149	0.411	0.0387	0.0000116	103	0.00008	0.00965	0.000752	0.00565	0.0586	0.0000353
2064 Feb	0.00000823	0.0137	0.0149	0.411	0.0388	0.0000116	103	0.0000801	0.00965	0.000752	0.00565	0.0586	0.0000353
2064 Mar	0.00000824	0.0137	0.0149	0.412	0.0388	0.0000117	103	0.0000802	0.00966	0.000753	0.00565	0.0587	0.0000354
2064 Apr	0.00000826	0.0137	0.0149	0.412	0.0389	0.0000117	103	0.0000803	0.00968	0.000755	0.00567	0.0588	0.0000354
2064 May	0.00000822	0.0136	0.0147	0.409	0.0391	0.0000116	102	0.0000798	0.0096	0.000757	0.00563	0.0598	0.0000352
2064 Jun	0.00000759	0.0126	0.0133	0.369	0.0372	0.0000106	93.6	0.0000729	0.00869	0.000714	0.00514	0.0592	0.0000322
2064 Jul	0.00000788	0.013	0.0139	0.386	0.0386	0.0000111	97.7	0.000076	0.00908	0.000743	0.00536	0.061	0.0000335
2064 Aug	0.00000809	0.0134	0.0145	0.403	0.0396	0.0000114	101	0.0000788	0.00948	0.000765	0.00558	0.0615	0.0000348
2064 Sep	0.00000804	0.0134	0.0144	0.405	0.0393	0.0000114	101	0.0000788	0.00953	0.000761	0.0056	0.0602	0.0000348
2064 Oct	0.00000809	0.0135	0.0145	0.41	0.0395	0.0000115	102	0.0000798	0.00967	0.000767	0.00567	0.0602	0.0000352
2064 Nov	0.00000812	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000801	0.00972	0.000771	0.0057	0.0603	0.0000354
2064 Dec	0.00000813	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000802	0.00972	0.000771	0.0057	0.0603	0.0000354
2065 Jan	0.00000813	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000802	0.00973	0.000771	0.0057	0.0603	0.0000354
2065 Feb	0.00000813	0.0136	0.0146	0.413	0.0397	0.0000115	102	0.0000802	0.00973	0.000771	0.0057	0.0603	0.0000354
2065 Mar	0.00000814	0.0136	0.0146	0.414	0.0398	0.0000115	102	0.0000803	0.00974	0.000772	0.00571	0.0604	0.0000355
2065 Apr	0.00000817	0.0136	0.0146	0.415	0.0399	0.0000116	103	0.0000806	0.00978	0.000775	0.00573	0.0606	0.0000356
2065 May	0.00000823	0.0137	0.0147	0.419	0.0404	0.0000116	104	0.0000814	0.00987	0.000784	0.00579	0.0614	0.0000359
2065 Jun	0.0000078	0.013	0.0137	0.39	0.0384	0.000011	97	0.0000763	0.00919	0.000741	0.00541	0.0595	0.0000337
2065 Jul	0.00000821	0.0137	0.0146	0.412	0.0403	0.0000116	103	0.0000805	0.00972	0.00078	0.00571	0.0621	0.0000355
2065 Aug	0.00000862	0.0144	0.0155	0.438	0.0422	0.0000122	109	0.0000852	0.0103	0.00082	0.00605	0.0642	0.0000376
2065 Sep	0.00000847	0.0142	0.0153	0.435	0.0414	0.000012	107	0.0000842	0.0102	0.000806	0.00599	0.0622	0.0000372
2065 Oct	0.00000811	0.0136	0.0146	0.418	0.0395	0.0000115	103	0.0000808	0.00985	0.000768	0.00576	0.0587	0.0000357
2065 Nov	0.00000809	0.0136	0.0145	0.418	0.0393	0.0000115	102	0.0000807	0.00984	0.000765	0.00576	0.0584	0.0000356
2065 Dec	0.00000809	0.0136	0.0146	0.418	0.0393	0.0000115	102	0.0000807	0.00984	0.000766	0.00576	0.0584	0.0000357
2066 Jan	0.00000809	0.0136	0.0146	0.418	0.0394	0.0000115	102	0.0000807	0.00985	0.000766	0.00576	0.0584	0.0000357
2066 Feb	0.0000081	0.0136	0.0146	0.418	0.0394	0.0000115	102	0.0000808	0.00985	0.000766	0.00576	0.0584	0.0000357
2066 Mar	0.00000811	0.0136	0.0146	0.419	0.0395	0.0000115	103	0.0000809	0.00987	0.000768	0.00578	0.0586	0.0000358
2066 Apr	0.00000813	0.0137	0.0146	0.42	0.0396	0.0000115	103	0.0000811	0.0099	0.00077	0.00579	0.0587	0.0000358
2066 May	0.00000821	0.0138	0.0148	0.424	0.04	0.0000117	104	0.0000819	0.01	0.000778	0.00585	0.0593	0.0000362
2066 Jun	0.00000764	0.0128	0.0134	0.381	0.0367	0.0000107	94.1	0.0000746	0.00897	0.000707	0.00527	0.056	0.000033
2066 Jul	0.00000805	0.0135	0.0142	0.403	0.0385	0.0000113	99.5	0.0000788	0.00949	0.000744	0.00557	0.0585	0.0000348
2066 Aug	0.00000844	0.0141	0.015	0.426	0.0402	0.0000119	105	0.000083	0.01	0.00078	0.00587	0.0605	0.0000366
2066 Sep	0.00000849	0.0142	0.0152	0.432	0.0404	0.000012	106	0.0000839	0.0102	0.000786	0.00594	0.0603	0.000037
2066 Oct	0.00000838	0.0141	0.015	0.429	0.0399	0.0000119	105	0.0000832	0.0101	0.000776	0.0059	0.059	0.0000367
2066 Nov	0.00000837	0.0141	0.015	0.429	0.0398	0.0000119	105	0.0000831	0.0101	0.000775	0.0059	0.0588	0.0000367
2066 Dec	0.00000838	0.0141	0.015	0.43	0.0398	0.0000119	105	0.0000832	0.0101	0.000775	0.0059	0.0588	0.0000367
2067 Jan	0.00000838	0.0141	0.015	0.43	0.0398	0.0000119	105	0.0000832	0.0101	0.000775	0.0059	0.0588	0.0000367
2067 Feb	0.00000838	0.0141	0.0151	0.43	0.0398	0.0000119	105	0.0000832	0.0101	0.000776	0.00591	0.0588	0.0000367
2067 Mar	0.00000839	0.0141	0.0151	0.43	0.0399	0.0000119	105	0.0000833	0.0101	0.000777	0.00591	0.0589	0.0000368
2067 Apr	0.00000841	0.0141	0.0151	0.431	0.04	0.0000119	105	0.0000835	0.0101	0.000778	0.00593	0.059	0.0000369
2067 May	0.00000849	0.0143	0.0152	0.435	0.0405	0.000012	106	0.0000842	0.0102	0.000787	0.00598	0.06	0.0000372
2067 Jun	0.00000813	0.0136	0.0144	0.409	0.039	0.0000115	101	0.0000798	0.00962	0.000755	0.00564	0.0592	0.0000352
2067 Jul	0.00000859	0.0144	0.0154	0.434	0.0411	0.0000122	107	0.0000844	0.0102	0.000798	0.00598	0.062	0.0000373
2067 Aug	0.00000882	0.0147	0.016	0.449	0.0421	0.0000125	111	0.0000869	0.0105	0.000818	0.00616	0.0629	0.0000384
2067 Sep	0.00000893	0.0149	0.0163	0.457	0.0425	0.0000127	113	0.0000882	0.0107	0.000829	0.00626	0.0631	0.000039
2067 Oct	0.00000875	0.0146	0.016	0.45	0.0416	0.0000125	111	0.0000867	0.0106	0.000812	0.00616	0.0613	0.0000383
2067 Nov	0.00000874	0.0146	0.016	0.449	0.0415	0.0000124	111	0.0000866	0.0106	0.00081	0.00616	0.0611	0.0000383
2067 Dec	0.00000874	0.0146	0.016	0.45	0.0415	0.0000124	111	0.0000867	0.0106	0.00081	0.00616	0.0611	0.0000383
2068 Jan	0.00000875	0.0146	0.016	0.45	0.0415	0.0000125	111	0.0000867	0.0106	0.000811	0.00616	0.0611	0.0000383
2068 Feb	0.00000875	0.0146	0.016	0.45	0.0415	0.0000125	111	0.0000867	0.0106	0.000811	0.00617	0.0611	0.0000383
2068 Mar	0.00000876	0.0147	0.016	0.451	0.0416	0.0000125	111	0.0000869	0.0106	0.000812	0.00618	0.0612	0.0000384
2068 Apr	0.00000882	0.0148	0.0161	0.454	0.0419	0.0000126	112	0.0000875	0.0107	0.000818	0.00622	0.0617	0.0000386
2068 May	0.00000885	0.0148	0.0161	0.453	0.0422	0.0000126	112	0.0000875	0.0107	0.000823	0.00622	0.0626	0.0000386
2068 Jun	0.00000786	0.013	0.014	0.389	0.0384	0.0000111	98.3	0.0000761	0.00914	0.00074	0.00539	0.0599	0.0000336
2068 Jul	0.00000807	0.0134	0.0146	0.402	0.0393	0.0000114	102	0.0000783	0.00944	0.000759	0.00555	0.0608	0.0000346
2068 Aug	0.0000085	0.0141	0.0155	0.426	0.0412	0.000012	108	0.0000828	0.01	0.0008	0.00588	0.0633	0.0000366
2068 Sep	0.00000853	0.0142	0.0156	0.43	0.0413	0.0000121	108	0.0000834	0.0101	0.000803	0.00593	0.063	0.0000368
2068 Oct	0.00000857	0.0142	0.0157	0.434	0.0415	0.0000122	109	0.000084	0.0102	0.000807	0.00597	0.0629	0.0000371
2068 Nov	0.0000086	0.0143	0.0158	0.436	0.0416	0.0000122	109	0.0000843	0.0102	0.00081	0.00599	0.0631	0.0000372
2068 Dec	0.0000086	0.0143	0.0158	0.436	0.0417	0.0000122	110	0.0000844	0.0102	0.000811	0.006	0.0631	0.0000372
2069 Jan	0.0000086	0.0143	0.0158	0.436	0.0417	0.0000122	110	0.0000844	0.0103	0.000811	0.006	0.0631	0.0000373
2069 Feb	0.0000086	0.0143	0.0158	0.436	0.0417	0.0000122	110	0.0000844	0.0103	0.000811	0.006	0.0631	0.0000373
2069 Mar	0.0000086	0.0143	0.0158	0.436	0.0417	0.0000122	110	0.0000844	0.0103	0.000811	0.006	0.0632	0.0000373
2069 Apr	0.00000862	0.0143	0.0158	0.437	0.0417	0.0000123	110	0.0000846	0.0103	0.000812	0.00601	0.0633	0.0000373
2069 May	0.00000876	0.0146	0.0161	0.444	0.0424	0.0000125	112	0.000086	0.0104	0.000826	0.00611	0.0643	0.000038
2069 Jun	0.00000834	0.0138	0.0151	0.413	0.0399	0.0000118	105	0.0000807	0.00971	0.000772	0.0057	0.0614	0.0000356
2069 Jul	0.00000865	0.0143	0.0158	0.43	0.0411	0.0000123	109	0.0000838	0.0101	0.000799	0.00592	0.063	0.000037
2069 Aug	0.00000894	0.0148	0.0165	0.448	0.0424	0.0000127	113	0.000087	0.0105	0.000826	0.00615	0.0643	0.0000384
2069 Sep	0.00000875	0.0145	0.0162	0.441	0.0414	0.0000125	111	0.0000854	0.0104	0.000808	0.00604	0.0623	0.0000377
2069 Oct	0.0000084	0.0139	0.0155	0.423	0.0396	0.000012	107	0.0000818	0.00992	0.00077	0.00579	0.0593	0.0000361
2069 Nov	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	106	0.0000817	0.00991	0.000769	0.00579	0.0591	0.0000361

Constituents	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2062 Jun	20.5	38.5	0.253	0.00791	50.5	0.0373	0.0368	0.000368	0.00212	0.00136	1.06	0.00000546	0.00376	0.0019	0.00367	0.000449
2062 Jul	20.1	37.8	0.248	0.00776	49	0.0366	0.0367	0.000358	0.00208	0.00133	1.04	0.00000539	0.00369	0.00186	0.00363	0.000441
2062 Aug	20.7	38.8	0.253	0.00797	49.1	0.0376	0.0365	0.000355	0.00213	0.00137	1.07	0.0000055	0.00379	0.00189	0.00369	0.000454
2062 Sep	20.6	38.7	0.251	0.00796	47.9	0.0376	0.0356	0.000344	0.00213	0.00136	1.07	0.00000545	0.00379	0.00188	0.00365	0.00045
2062 Oct	19.1	36	0.233	0.0074	43.8	0.035	0.0339	0.000312	0.00198	0.00126	0.992	0.00000507	0.00353	0.00174	0.0034	0.000413
2062 Nov	19.1	36	0.233	0.00741	43.8	0.0351	0.0339	0.000311	0.00198	0.00126	0.992	0.00000507	0.00354	0.00174	0.0034	0.000412
2062 Dec	19.1	36.1	0.233	0.00741	43.7	0.0351	0.0339	0.000311	0.00198	0.00126	0.993	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Jan	19.1	36.1	0.233	0.00741	43.7	0.0351	0.0339	0.000311	0.00198	0.00126	0.993	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Feb	19.2	36.1	0.233	0.00741	43.7	0.0351	0.0339	0.000311	0.00198	0.00126	0.993	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Mar	19.2	36.1	0.233	0.00742	43.8	0.0351	0.0339	0.000311	0.00198	0.00126	0.994	0.00000507	0.00354	0.00174	0.0034	0.000412
2063 Apr	19.2	36.2	0.233	0.00743	43.8	0.0352	0.034	0.000312	0.00198	0.00127	0.996	0.00000508	0.00355	0.00174	0.00341	0.000413
2063 May	19.2	36.2	0.234	0.00744	43.8	0.0352	0.0344	0.000319	0.00199	0.00127	0.997	0.0000051	0.00355	0.00175	0.00342	0.000414
2063 Jun	16.4	30.9	0.204	0.00631	36.7	0.0299	0.0326	0.000314	0.0017	0.00108	0.853	0.00000446	0.00301	0.00155	0.00303	0.000353
2063 Jul	16.6	31.2	0.206	0.00639	36.5	0.0302	0.0325	0.000312	0.00172	0.0011	0.861	0.0000045	0.00304	0.00156	0.00305	0.00036
2063 Aug	17.9	33.6	0.22	0.00689	37.8	0.0325	0.0332	0.000319	0.00184	0.00118	0.926	0.0000048	0.00328	0.00165	0.00322	0.00039
2063 Sep	18.3	34.4	0.224	0.00706	37.7	0.0334	0.0329	0.000316	0.00189	0.00121	0.948	0.00000486	0.00337	0.00168	0.00326	0.000395
2063 Oct	18.2	34.2	0.222	0.00702	37.1	0.0333	0.0325	0.00031	0.00188	0.0012	0.943	0.00000481	0.00335	0.00167	0.00324	0.00039
2063 Nov	18.1	34.2	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.943	0.00000481	0.00336	0.00166	0.00323	0.000389
2063 Dec	18.2	34.3	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.944	0.00000481	0.00336	0.00167	0.00324	0.000389
2064 Jan	18.2	34.3	0.222	0.00702	37.1	0.0333	0.0325	0.000309	0.00188	0.0012	0.944	0.00000481	0.00336	0.00167	0.00324	0.000389
2064 Feb	18.2	34.3	0.222	0.00702	37.1	0.0333	0.0325	0.00031	0.00188	0.0012	0.944	0.00000481	0.00336	0.00167	0.00324	0.000389
2064 Mar	18.2	34.3	0.223	0.00703	37.1	0.0334	0.0325	0.00031	0.00188	0.0012	0.945	0.00000482	0.00336	0.00167	0.00324	0.000389
2064 Apr	18.2	34.4	0.223	0.00705	37.2	0.0334	0.0326	0.000311	0.00189	0.0012	0.947	0.00000483	0.00337	0.00167	0.00325	0.00039
2064 May	18.1	34.1	0.222	0.00697	36.6	0.0332	0.0329	0.000322	0.00187	0.00119	0.941	0.00000479	0.00334	0.00167	0.00323	0.000383
2064 Jun	16.3	31	0.205	0.00628	32.5	0.0301	0.032	0.000337	0.0017	0.00107	0.857	0.00000437	0.00302	0.00157	0.00299	0.00034
2064 Jul	17.1	32.4	0.214	0.00657	33.5	0.0314	0.0328	0.000347	0.00177	0.00112	0.895	0.00000456	0.00316	0.00163	0.0031	0.000357
2064 Aug	17.8	33.7	0.222	0.00686	33.8	0.0328	0.0328	0.000348	0.00185	0.00117	0.932	0.0000047	0.0033	0.00168	0.00319	0.000373
2064 Sep	17.8	33.9	0.221	0.00688	33.1	0.033	0.0321	0.000338	0.00185	0.00117	0.934	0.00000467	0.00332	0.00167	0.00317	0.000368
2064 Oct	18	34.3	0.223	0.00696	33.1	0.0335	0.032	0.000337	0.00188	0.00118	0.946	0.0000047	0.00336	0.00169	0.00319	0.000369
2064 Nov	18.1	34.5	0.224	0.00699	33.2	0.0336	0.0321	0.000338	0.00189	0.00118	0.95	0.00000471	0.00338	0.0017	0.0032	0.00037
2064 Dec	18.1	34.5	0.224	0.007	33.2	0.0337	0.0321	0.000338	0.00189	0.00118	0.951	0.00000471	0.00338	0.0017	0.00321	0.00037
2065 Jan	18.1	34.5	0.224	0.007	33.2	0.0337	0.0321	0.000338	0.00189	0.00118	0.951	0.00000471	0.00338	0.0017	0.00321	0.00037
2065 Feb	18.1	34.5	0.224	0.007	33.2	0.0337	0.0321	0.000338	0.00189	0.00119	0.951	0.00000472	0.00338	0.0017	0.00321	0.00037
2065 Mar	18.1	34.6	0.225	0.00701	33.3	0.0337	0.0322	0.000338	0.00189	0.00119	0.953	0.00000472	0.00339	0.0017	0.00321	0.00037
2065 Apr	18.2	34.7	0.226	0.00703	33.4	0.0338	0.0323	0.00034	0.0019	0.00119	0.956	0.00000474	0.0034	0.00171	0.00322	0.000372
2065 May	18.3	35	0.228	0.00709	33.5	0.0342	0.0326	0.000346	0.00191	0.0012	0.965	0.00000477	0.00343	0.00172	0.00325	0.000372
2065 Jun	17.1	32.6	0.214	0.0066	30.8	0.0318	0.0317	0.000339	0.00179	0.00112	0.901	0.00000449	0.0032	0.00163	0.00308	0.000346
2065 Jul	18.1	34.5	0.226	0.00699	32.2	0.0336	0.0331	0.000352	0.00189	0.00119	0.952	0.00000475	0.00338	0.00172	0.00324	0.000369
2065 Aug	19.3	36.6	0.239	0.00744	33.3	0.0357	0.0339	0.000362	0.00201	0.00126	1.01	0.00000501	0.00359	0.00181	0.00341	0.000396
2065 Sep	19.1	36.3	0.236	0.00737	32.3	0.0355	0.0329	0.000348	0.00199	0.00125	1	0.00000493	0.00357	0.00178	0.00335	0.000389
2065 Oct	18.3	34.9	0.224	0.00708	30.2	0.0341	0.0315	0.000321	0.0019	0.00119	0.96	0.00000471	0.00343	0.00169	0.00319	0.000368
2065 Nov	18.2	34.8	0.224	0.00706	30	0.0341	0.0314	0.000319	0.0019	0.00119	0.958	0.00000469	0.00343	0.00168	0.00318	0.000367
2065 Dec	18.2	34.8	0.224	0.00707	30	0.0341	0.0314	0.000318	0.0019	0.00119	0.959	0.0000047	0.00343	0.00168	0.00318	0.000367
2066 Jan	18.2	34.8	0.224	0.00707	30	0.0341	0.0314	0.000318	0.0019	0.00119	0.959	0.0000047	0.00343	0.00169	0.00318	0.000367
2066 Feb	18.2	34.9	0.224	0.00707	30	0.0341	0.0314	0.000319	0.0019	0.00119	0.96	0.0000047	0.00343	0.00169	0.00319	0.000367
2066 Mar	18.3	34.9	0.225	0.00709	30.1	0.0342	0.0315	0.000319	0.00191	0.00119	0.961	0.00000471	0.00344	0.00169	0.00319	0.000368
2066 Apr	18.3	35	0.225	0.0071	30.1	0.0343	0.0315	0.00032	0.00191	0.0012	0.964	0.00000472	0.00345	0.00169	0.0032	0.000369
2066 May	18.5	35.4	0.227	0.00718	30.4	0.0346	0.0319	0.000323	0.00193	0.00121	0.974	0.00000477	0.00348	0.00171	0.00323	0.000372
2066 Jun	16.7	31.8	0.206	0.00645	27	0.0311	0.031	0.000303	0.00174	0.00109	0.877	0.00000439	0.00312	0.00157	0.00301	0.000338
2066 Jul	17.7	33.6	0.217	0.00683	28.2	0.0329	0.0324	0.000314	0.00184	0.00115	0.926	0.00000465	0.0033	0.00165	0.00318	0.00036
2066 Aug	18.7	35.5	0.229	0.00723	29.2	0.0347	0.0334	0.000323	0.00195	0.00122	0.978	0.00000489	0.00349	0.00173	0.00333	0.000383
2066 Sep	18.9	36	0.231	0.00732	29.1	0.0352	0.0332	0.00032	0.00197	0.00124	0.99	0.00000493	0.00354	0.00174	0.00335	0.000387
2066 Oct	18.7	35.7	0.229	0.00727	28.5	0.035	0.0325	0.000311	0.00196	0.00123	0.982	0.00000487	0.00352	0.00172	0.00331	0.000382
2066 Nov	18.7	35.7	0.228	0.00727	28.3	0.035	0.0324	0.000309	0.00196	0.00123	0.982	0.00000486	0.00352	0.00172	0.0033	0.000382
2066 Dec	18.8	35.7	0.229	0.00728	28.3	0.035	0.0324	0.000309	0.00196	0.00123	0.983	0.00000487	0.00352	0.00172	0.0033	0.000382
2067 Jan	18.8	35.7	0.229	0.00728	28.3	0.035	0.0324	0.000309	0.00196	0.00123	0.983	0.00000487	0.00352	0.00172	0.0033	0.000382
2067 Feb	18.8	35.7	0.229	0.00728	28.4	0.035	0.0324	0.000309	0.00196	0.00123	0.984	0.00000487	0.00352	0.00172	0.00331	0.000383
2067 Mar	18.8	35.8	0.229	0.00729	28.4	0.0351	0.0325	0.000309	0.00196	0.00123	0.985	0.00000487	0.00353	0.00172	0.00331	0.000383
2067 Apr	18.8	35.9	0.229	0.0073	28.4	0.0351	0.0325	0.00031	0.00196	0.00123	0.987	0.00000488	0.00353	0.00172	0.00332	0.000384
2067 May	19	36.2	0.232	0.00736	28.7	0.0354	0.033	0.000317	0.00198	0.00124	0.995	0.00000493	0.00356	0.00174	0.00335	0.000387
2067 Jun	17.9	34.1	0.221	0.00693	26.9	0.0333	0.0325	0.000319	0.00187	0.00117	0.94	0.00000471	0.00335	0.00167	0.0032	0.000368
2067 Jul	19	36.2	0.234	0.00737	28.2	0.0353	0.034	0.000333	0.00198	0.00125	0.997	0.00000499	0.00355	0.00176	0.00338	0.000395
2067 Aug	19.7	37.4	0.241	0.00763	28.6	0.0365	0.0343	0.000336	0.00205	0.00129	1.03	0.00000515	0.00367	0.00181	0.00347	0.000412
2067 Sep	20.1	38	0.245	0.00777	28.7	0.0371	0.0344	0.000335	0.00208	0.00132	1.05	0.00000522	0.00374	0.00183	0.00351	0.00042
2067 Oct	19.7	37.4	0.24	0.00765	27.9	0.0365	0.0335	0.000323	0.00205	0.0013	1.03	0.00000513	0.00368	0.00179	0.00344	0.000413
2067 Nov	19.7	37.4	0.24	0.00765	27.7	0.0365	0.0334	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00343	0.000412
2067 Dec	19.7	37.4	0.24	0.00765	27.7	0.0365	0.0334	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00344	0.000412
2068 Jan	19.7	37.4	0.24	0.00765	27.7	0.0365	0.0334	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00344	0.000412
2068 Feb	19.7	37.4	0.24	0.00765	27.7	0.0366	0.0335	0.000321	0.00205	0.00129	1.03	0.00000512	0.00368	0.00179	0.00344	0.000413
2068 Mar	19.8	37.5	0.241	0.00767	27.8	0.0366	0.0335	0.000322	0.00205	0.0013	1.03	0.00000513	0.00369	0.00179	0.00344	0.000413
2068 Apr	19.9	37.7	0.242	0.00772	27.9	0.0369	0.0337	0.000324	0.00206	0.00131	1.04	0.00000517	0.00371	0.0018	0.00347	0.000416
2068 May	19.9	37.7	0.243	0.00771	27.9	0.0368	0.0342	0.000332	0.00206	0.00131	1.04	0.00000518	0.00371	0.00181	0.00348	0.000416
2068 Jun	17.2	32.6	0.215	0.00663	23.8	0.0316	0.0323	0.000336	0.00178	0.00113	0.899	0.00000457	0.00318	0.00162	0.00308	0.000363
2068 Jul	17.8	33.6	0.221	0.00687	24.1	0.0326	0.0326	0.000339	0.00184	0.00117	0.929	0.00000471	0.00329	0.00167	0.00316	0.000379
2068 Aug	18.9	35.7	0.234	0.00729	25.2	0.0346	0.0338	0.000353	0.00195	0.00125	0.984	0.00000498	0.00348	0.00175	0.00333	0.000404
2068 Sep	19.1	36	0.236	0.00736	25.1	0.0349	0.0337	0.000349	0.00197	0.00126	0.992	0.000005	0.00352	0.00176	0.00334	0.000407
2068 Oct	19.2	36.3	0.237	0.00742	25	0.0352	0.0336	0.000348	0.00198	0.00126	1	0.00000503	0.00355	0.00177	0.00336	0.00041
2068 Nov	19.3	36.4	0.238	0.00745	25.1	0.0354	0.0337	0.000348	0.00199	0.00127	1	0.00000505	0.00356	0.00178	0.00337	0.000411
2068 Dec	19.3	36.4	0.238	0.00745	25.1	0.0354	0.0337	0.000349	0.00199	0.00127	1	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Jan	19.3	36.5	0.238	0.00746	25.1	0.0354	0.0337	0.000349	0.00199	0.00127	1	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Feb	19.3	36.5	0.238	0.00746	25.1	0.0354	0.0337	0.000349	0.00199	0.00127	1	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Mar	19.3	36.5	0.238	0.00746	25.1	0.0354	0.0337	0.000349	0.00199	0.00127	1.01	0.00000505	0.00357	0.00178	0.00337	0.000412
2069 Apr	19.3	36.5	0.239	0.00747	25.2	0.0355	0.0337	0.000349	0.002	0.00127	1.01	0.00000506	0.00358	0.00178	0.00338	0.000413
2069 May	19.7	37.1	0.243	0.0076	25.6	0.0361	0.0343	0.000355	0.00203	0.00129	1.02	0.00000514	0.00363	0.00181	0.00343	0.00042
2069 Jun	18.3	34.6	0.227	0.00708	23.6	0.0335	0.0335	0.000335	0.00189	0.00121	0.954	0.00000488	0.00338	0.0017	0.00327	0.000395
2069 Jul	19.1	36	0.236	0.00739	24.2	0.0348	0.0343	0.000341	0.00197	0.00127	0.992	0.00000508	0.00352	0.00176	0.0034	0.000418
2069 Aug	19.9	37.4	0.245	0.0077	24.8	0.0363	0.0349	0.000347	0.00205	0.00132	1.03	0.00000527	0.00366	0.00182	0.00351	0.000437
2069 Sep	19.6	36.8	0.24	0.00758	24	0.0357	0.0339	0.000333	0.00202	0.0013	1.01	0.00000517	0.0036	0.00178	0.00343	0.00043
2069 Oct	18.8	35.3	0.229	0.00727	22.6	0.0342	0.0327	0.00031	0.00193	0.00124	0.971	0.00000496	0.00345	0.0017	0.00328	0.000411
2069 Nov	18.8	35.2	0.228	0.00726	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.97	0.00000495	0.00345	0.00169	0.00327	0.000411

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2069 Dec	609	0.136	0.46	0.0197	32.7	0.242	373	0.00925	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	106	0.0000818	0.00991	0.000769	0.00579	0.0591	0.0000361	18.8	35.2	0.228	0.00726	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.971	0.00000495	0.00345	0.00169	0.00328	0.000411
2070 Jan	609	0.136	0.459	0.0197	32.7	0.242	373	0.00925	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	106	0.0000817	0.00991	0.000769	0.00579	0.0591	0.0000361	18.8	35.2	0.228	0.00726	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.97	0.00000495	0.00345	0.00169	0.00328	0.000411
2070 Feb	609	0.136	0.459	0.0197	32.7	0.242	373	0.00925	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	106	0.0000818	0.00991	0.000769	0.00579	0.0591	0.0000361	18.8	35.2	0.229	0.00726	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.971	0.00000495	0.00345	0.00169	0.00328	0.000411
2070 Mar	609	0.136	0.46	0.0197	32.8	0.242	373	0.00926	0.000952	0.00000839	0.0139	0.0155	0.423	0.0395	0.0000119	107	0.0000818	0.00992	0.000769	0.00579	0.0591	0.0000361	18.8	35.3	0.229	0.00727	22.5	0.0342	0.0327	0.000308	0.00193	0.00124	0.971	0.00000495	0.00346	0.00169	0.00328	0.000411
2070 Apr	611	0.137	0.461	0.0198	32.9	0.243	375	0.00929	0.000956	0.00000842	0.014	0.0155	0.425	0.0397	0.000012	107	0.0000821	0.00996	0.000772	0.00582	0.0594	0.0000363	18.8	35.4	0.23	0.0073	22.6	0.0343	0.0328	0.00031	0.00194	0.00125	0.975	0.00000497	0.00347	0.0017	0.00329	0.000413
2070 May	613	0.137	0.462	0.0199	33.1	0.244	376	0.00933	0.000966	0.00000848	0.0141	0.0156	0.426	0.0401	0.0000121	107	0.0000824	0.00998	0.000779	0.00584	0.0604	0.0000364	18.9	35.5	0.231	0.00731	22.7	0.0344	0.0333	0.000318	0.00194	0.00125	0.978	0.0000005	0.00348	0.00171	0.00331	0.000414
2070 Jun	579	0.13	0.428	0.0187	31.4	0.229	353	0.00884	0.00094	0.00000812	0.0134	0.0147	0.399	0.039	0.0000115	102	0.000078	0.00937	0.000754	0.00551	0.0607	0.0000344	17.8	33.5	0.221	0.00687	21.3	0.0323	0.0331	0.000333	0.00183	0.00118	0.924	0.00000476	0.00326	0.00165	0.00316	0.000391
2070 Jul	606	0.135	0.443	0.0196	32.5	0.24	370	0.00929	0.000978	0.00000847	0.014	0.0155	0.418	0.0406	0.000012	107	0.0000815	0.00981	0.000786	0.00576	0.0629	0.000036	18.7	35	0.231	0.0072	22.1	0.0338	0.0343	0.000344	0.00191	0.00124	0.967	0.00000498	0.00341	0.00172	0.0033	0.000411
2070 Aug	632	0.138	0.451	0.0205	33	0.25	388	0.0098	0.00101	0.00000876	0.0145	0.0162	0.437	0.0419	0.0000125	112	0.0000847	0.0102	0.000815	0.006	0.0641	0.0000374	19.5	36.6	0.241	0.00754	22.6	0.0353	0.0347	0.000349	0.002	0.0013	1.01	0.00000518	0.00356	0.00178	0.00342	0.000435
2070 Sep	627	0.136	0.44	0.0203	32.2	0.248	386	0.00972	0.000991	0.00000867	0.0143	0.0161	0.435	0.0414	0.0000123	111	0.0000841	0.0102	0.000805	0.00596	0.0629	0.0000371	19.4	36.3	0.238	0.0075	22.1	0.0351	0.0341	0.000339	0.00198	0.00129	1	0.00000514	0.00355	0.00176	0.00338	0.000432
2070 Oct	614	0.133	0.428	0.0198	31.4	0.244	378	0.00951	0.000972	0.0000085	0.0141	0.0158	0.426	0.0405	0.0000121	109	0.0000824	0.00999	0.000788	0.00585	0.0614	0.0000364	19	35.6	0.233	0.00735	21.5	0.0344	0.0335	0.000329	0.00194	0.00126	0.982	0.00000503	0.00348	0.00172	0.00331	0.000423
2070 Nov	614	0.133	0.427	0.0197	31.3	0.244	378	0.0095	0.000971	0.0000085	0.0141	0.0158	0.426	0.0405	0.0000121	108	0.0000824	0.00999	0.000787	0.00585	0.0614	0.0000364	19	35.6	0.233	0.00735	21.5	0.0344	0.0335	0.000327	0.00194	0.00126	0.981	0.00000503	0.00348	0.00172	0.0033	0.000422
2070 Dec	614	0.133	0.426	0.0197	31.3	0.244	378	0.00949	0.000971	0.0000085	0.0141	0.0158	0.426	0.0405	0.0000121	108	0.0000824	0.00999	0.000787	0.00585	0.0614	0.0000364	19	35.6	0.233	0.00735	21.5	0.0344	0.0335	0.000327	0.00194	0.00126	0.982	0.00000503	0.00348	0.00172	0.0033	0.000422
2071 Jan	614	0.133	0.426	0.0197	31.3	0.244	378	0.00949	0.000971	0.0000085	0.0141	0.0158	0.426	0.0405	0.0000121	108	0.0000824	0.00999	0.000787	0.00585	0.0614	0.0000364	19	35.6	0.233	0.00735	21.5	0.0344	0.0335	0.000327	0.00194	0.00126	0.982	0.00000503	0.00348	0.00172	0.0033	0.000422
2071 Feb	614	0.133	0.426	0.0197	31.3	0.244	378	0.0095	0.000971	0.0000085	0.0141	0.0158	0.426	0.0405	0.0000121	108	0.0000824	0.00999	0.000787	0.00585	0.0614	0.0000364	19	35.6	0.233	0.00735	21.5	0.0344	0.0335	0.000327	0.00194	0.00126	0.982	0.00000503	0.00348	0.00172	0.0033	0.000422
2071 Mar	614	0.133	0.426	0.0197	31.3	0.244	378	0.0095	0.000972	0.0000085	0.0141	0.0158	0.426	0.0405	0.0000121	109	0.0000824	0.00999	0.000787	0.00585	0.0614	0.0000364	19	35.6	0.233	0.00735	21.5	0.0344	0.0335	0.000327	0.00194	0.00126	0.982	0.00000503	0.00348	0.00172	0.0033	0.000422
2071 Apr	615	0.133	0.427	0.0198	31.3	0.244	379	0.00952	0.000973	0.0000085	0.0141	0.0158	0.427	0.0406	0.0000121	109	0.0000825	0.01	0.000788	0.00586	0.0615	0.0000365	19	35.7	0.233	0.00736	21.5	0.0345	0.0336	0.000328	0.00195	0.00126	0.983	0.00000504	0.00348	0.00172	0.00331	0.000423
2071 May	612	0.133	0.424	0.0197	31.2	0.243	377	0.00947	0.000973	0.00000849	0.0141	0.0157	0.425	0.0406	0.0000121	108	0.0000822	0.00995	0.000788	0.00583	0.0618	0.0000363	18.9	35.5	0.233	0.00732	21.4	0.0343	0.0337	0.000332	0.00194	0.00126	0.979	0.00000502	0.00346	0.00172	0.0033	0.000421
2071 Jun	566	0.123	0.385	0.0182	28.9	0.224	348	0.00883	0.000929	0.00000797	0.0131	0.0146	0.391	0.0384	0.0000113	101	0.0000762	0.00916	0.000741	0.00539	0.0599	0.0000337	17.5	32.8	0.217	0.00675	19.7	0.0316	0.0326	0.000329	0.00179	0.00116	0.905	0.0000047	0.00319	0.00162	0.00309	0.000391
2071 Jul	583	0.125	0.39	0.0188	29.3	0.23	358	0.00917	0.000953	0.00000818	0.0135	0.0151	0.402	0.0393	0.0000116	104	0.0000783	0.00942	0.000759	0.00554	0.061	0.0000346	18	33.7	0.223	0.00696	20	0.0324	0.0332	0.000334	0.00184	0.0012	0.93	0.00000484	0.00328	0.00166	0.00318	0.000406
2071 Aug	613	0.129	0.401	0.0199	30	0.241	378	0.00975	0.000988	0.00000852	0.014	0.016	0.422	0.0407	0.0000121	109	0.0000819	0.00989	0.000791	0.0058	0.0627	0.0000361	19	35.4	0.234	0.00733	20.7	0.034	0.0339	0.000341	0.00193	0.00127	0.976	0.00000507	0.00344	0.00173	0.00331	0.000434
2071 Sep	609	0.127	0.391	0.0197	29.2	0.24	377	0.00971	0.000972	0.00000843	0.0139	0.0159	0.421	0.0402	0.000012	109	0.0000813	0.00986	0.000783	0.00577	0.0613	0.0000359	18.9	35.2	0.232	0.00731	20.2	0.0339	0.0331	0.000331	0.00192	0.00126	0.972	0.00000503	0.00343	0.00171	0.00327	0.000432
2071 Oct	603	0.125	0.385	0.0195	28.8	0.238	374	0.0096	0.000959	0.00000834	0.0138	0.0157	0.417	0.0397	0.0000119	107	0.0000805	0.00977	0.000774	0.00571	0.0604	0.0000356	18.7	34.9	0.23	0.00724	19.9	0.0336	0.0327	0.000325	0.0019	0.00125	0.963	0.00000498	0.0034	0.00169	0.00324	0.000428
2071 Nov	601	0.125	0.383	0.0194	28.7	0.238	373	0.00957	0.000957	0.00000832	0.0137	0.0157	0.417	0.0396	0.0000119	107	0.0000804	0.00975	0.000772	0.0057	0.0602	0.0000355	18.7	34.8	0.229	0.00722	19.8	0.0336	0.0326	0.000323	0.0019	0.00124	0.961	0.00000496	0.00339	0.00168	0.00323	0.000426
2071 Dec	601	0.125	0.383	0.0194	28.6	0.238	373	0.00956	0.000957	0.00000832	0.0137	0.0157	0.417	0.0396	0.0000119	107	0.0000804	0.00975	0.000772	0.0057	0.0602	0.0000355	18.7	34.8	0.229	0.00722	19.8	0.0335	0.0326	0.000323	0.0019	0.00124	0.961	0.00000496	0.00339	0.00168	0.00323	0.000426
2072 Jan	601	0.125	0.383	0.0194	28.6	0.238	373	0.00957	0.000957	0.00000832	0.0137	0.0157	0.417	0.0396	0.0000119	107	0.0000804	0.00975	0.000772	0.0057	0.0602	0.0000355	18.7	34.8	0.229	0.00722	19.8	0.0335	0.0326	0.000323	0.0019	0.00124	0.961	0.00000496	0.00339	0.00168	0.00323	0.000426
2072 Feb	601	0.125	0.382	0.0194	28.6	0.238	373	0.00957	0.000957	0.00000832	0.0137	0.0157	0.417	0.0396	0.0000119	107	0.0000804	0.00975	0.000772	0.0057	0.0602	0.0000355	18.7	34.8	0.229	0.00722	19.8	0.0336	0.0326	0.000323	0.0019	0.00124	0.961	0.00000496	0.00339	0.00168	0.00323	0.000426
2072 Mar	602	0.125	0.383	0.0194	28.6	0.238	373	0.00957	0.000957	0.00000832	0.0137	0.0157	0.417	0.0396	0.0000119	107	0.0000804	0.00975	0.000772	0.0057	0.0602	0.0000355	18.7	34.8	0.229	0.00723	19.8	0.0336	0.0326	0.000323	0.0019	0.00124	0.961	0.00000496	0.0034	0.00168	0.00323	0.000426
2072 Apr	603	0.125	0.384	0.0194	28.7	0.239	374	0.0096	0.00096	0.00000835	0.0138	0.0157	0.418	0.0398	0.0000119	108	0.0000806	0.00978	0.000774	0.00572	0.0604	0.0000356	18.7	34.9	0.23	0.00725	19.9	0.0337	0.0327	0.000324	0.00191	0.00125	0.964	0.00000498	0.0034	0.00169	0.00324	0.000427
2072 May	612	0.127	0.389	0.0197	29.1	0.242	379	0.00974	0.000974	0.00000847	0.014	0.016	0.424	0.0403	0.0000121	109	0.0000818	0.00992	0.000785	0.0058	0.0613	0.0000361	19	35.4	0.233	0.00735	20.2	0.0341	0.0332	0.000329	0.00193	0.00127	0.977	0.00000505	0.00345	0.00171	0.00328	0.000434
2072 Jun	589	0.122	0.37	0.0191	27.9	0.233	365	0.00946	0.000965	0.00000827	0.0136	0.0154	0.407	0.0389	0.0000118	105	0.0000791	0.00953	0.000755	0.00558	0.0597	0.0000349	18.3	34.1	0.224	0.00707	19.3	0.0328	0.033	0.000315	0.00186	0.00122	0.94	0.00000492	0.00332	0.00165	0.00321	0.00042
2072 Jul	602	0.123	0.372	0.0195	28	0.237	373	0.00974	0.000987	0.00000844	0.0139	0.0158	0.416	0.0395	0.000012	108	0.0000806	0.00972	0.000767	0.00568	0.0604	0.0000356	18.7	34.7	0.229	0.00723	19.5	0.0334	0.0335	0.000316	0.0019	0.00125	0.958	0.00000503	0.00338	0.00168	0.00328	0.000433
2072 Aug	605	0.121	0.361	0.0198	27.2	0.238	377	0.00995	0.00099	0.00000846	0.0138	0.016	0.417	0.0392	0.0000121	108	0.0000805	0.00975	0.000762	0.00569	0.0593	0.0000356	18.8	34.9	0.229	0.00729	19.1	0.0335	0.033	0.000305	0.00191	0.00126	0.961	0.00000507	0.00339	0.00167	0.00327	0.000443
2072 Sep	603	0.119	0.351	0.0197	26.4	0.238	377	0.00995	0.000978	0.00000839	0.0137	0.016	0.417	0.0387	0.000012	108	0.00008	0.00973	0.000754	0.00567	0.0579	0.0000355	18.8	34.8	0.228	0.00728	18.7	0.0334	0.0322	0.000294	0.0019	0.00126	0.958	0.00000505	0.00339	0.00165	0.00324	0.000444
2072 Oct	585	0.115	0.338	0.019	25.6	0.231	365	0.00962	0.000951	0.00000816	0.0134	0.0155	0.405	0.0376	0.0000117	105	0.0000777	0.00945	0.000731	0.00551	0.0561	0.0000345	18.3	33.8	0.221	0.00707	18	0.0325	0.0315	0.000282	0.00184	0.00122	0.93	0.0000049	0.00329	0.0016	0.00314	0.000429
2072 Nov	583	0.115	0.336	0.0189	25.5	0.231	364	0.00958	0.000949	0.00000814	0.0134	0.0154	0.404	0.0375	0.0000116	104	0.0000775	0.00943	0.000729	0.0055	0.056	0.0000344	18.2	33.7	0.22	0.00705	17.9	0.0324	0.0315	0.00028	0.00184	0.00122	0.928	0.00000488	0.00328	0.00159	0.00313	0.000427
2072 Dec	583	0.115	0.336	0.0189	25.5	0.231	364	0.00958	0.000949	0.00000814	0.0134	0.0154	0.404	0.0375	0.0000116	104	0.0000775	0.00943	0.000729	0.0055	0.056	0.0000344	18.2	33.7	0.22	0.00705	17.9	0.0324	0.0315	0.00028	0.00184	0.00122	0.928	0.00000488	0.00328	0.00159	0.00313	0.000427
2073 Jan	583	0.115	0.336	0.0189	25.5	0.231	364	0.00958	0.000949	0.00000814	0.0134	0.0155	0.404	0.0375	0.0000116	104	0.0000776	0.00943	0.000729	0.0055	0.056	0.0000344	18.2	33.7	0.22	0.00705	17.9	0.0324	0.0315	0.00028	0.00184	0.00122	0.928	0.00000488	0.00328	0.00159	0.00313	0.000427
2073 Feb	583	0.115	0.336	0.0189	25.5	0.231	364	0.00958	0.000949	0.00000815	0.0134	0.0155	0.404	0.0375	0.0000116	104	0.0000776	0.00943	0.00073	0.0055	0.056	0.0000344	18.2	33.7	0.22	0.00705	17.9	0.0324	0.0315	0.00028	0.00184	0.00122	0.928	0.00000488	0.00329	0.00159	0.00313	0.000427
2073 Mar	583	0.115	0.336	0.0189	25.5	0.231	364	0.00958	0.000949	0.00000815	0.0134	0.0155	0.404	0.0375	0.0000116	104	0.0000776	0.00944	0.00073	0.0055	0.056	0.0000344	18.2	33.7	0.22	0.00705	17.9	0.0324	0.0315	0.000281	0.00184	0.00122	0.929	0.00000489	0.00329	0.00159	0.00314	0.000427
2073 Apr	587	0.116	0.338	0.019	25.6	0.232	367	0.00964	0.000955	0.0000082	0.0134	0.0156	0.407	0.0377	0.0000117	105	0.0000781	0.0095	0.000735	0.00554	0.0563	0.0000347	18.3	33.9	0.221	0.0071	18	0.0326	0.0317	0.000282	0.00185	0.00123	0.934	0.00000492	0.00331	0.0016	0.00315	0.00043
2073 May	581	0.115	0.332	0.0187	25.5	0.231	363	0.00949	0.000955	0.00000817	0.0134	0.0154	0.403	0.0381	0.0000117	104	0.0000777	0.00942	0.000738	0.00551	0.0575	0.0000345	18.2	33.7	0.221	0.00703	17.8	0.0324	0.0321	0.000296	0.00184	0.00121	0.929	0.00000488	0.00328	0.00161	0.00315	0.000422
2073 Jun	548	0.108	0.306	0.0175	24.2	0.218	341	0.00891	0.000923	0.00000782	0.0128	0.0145	0.38	0.0371	0.0000111	99	0.0000737	0.00888	0.000715	0.00522	0.0577	0.0000327	17.1	31.8	0.211	0.00661	16.7	0.0306	0.0318	0.000309	0.00174	0.00114	0.879	0.00000464	0.00309	0.00156	0.00301	0.000395
2073 Jul	569	0.111	0.312	0.0182	24.6	0.225	355	0.00931	0.000949	0.00000806	0.0132	0.0151	0.394	0.0382	0.0000115	103	0.0000762	0.00921	0.000738	0.00541	0.0589	0.0000338	17.8	33	0.219	0.00687	17.1	0.0317	0.0324	0.000315	0.0018	0.00119	0.911	0.0000048	0.0032	0.0016	0.00311	0.000414
2073 Aug	596	0.114	0.318	0.0191	25	0.236	373	0.00982	0.000976	0.00000836	0.0137	0.0159	0.413	0.0394	0.0000119	108	0.0000795	0.00966	0.000767	0.00565	0.0601	0.0000353	18.7	34.6	0.229	0.00721	17.5	0.0332	0.0327	0.00032	0.00189	0.00125	0.954	0.00000501	0.00336	0.00167	0.00322	0.000437
2073 Sep	600	0.113	0.315	0.0191	24.7	0.238	376	0.00986	0.000968	0.00000836	0.0137	0.016	0.418	0.0394	0.000012	108	0.0000801	0.00976	0.000769	0.0057	0.0595	0.0000355	18.8	34.9	0.23	0.00728	17.4	0.0335	0.0323	0.000315	0.0019	0.00126	0.963	0.00000502	0.0034	0.00167	0.00323	0.00044
2073 Oct	588	0.11	0.306	0.0186	24.1	0.234	369	0.00962	0.000947	0.0000082	0.0135	0.0156	0.41	0.0386	0.0000117	106	0.0000786	0.00959	0.000753	0.0056	0.0581	0.0000349	18.5	34.3	0.225	0.00714	16.9	0.0329	0.0316	0.000306	0.00187	0.00123	0.945	0.00000492	0.00334	0.00164	0.00316	0.000429
2073 Nov	585	0.11	0.304	0.0185	23.9	0.233	369	0.00956	0.000943	0.00000817	0.0134	0.0155	0.408	0.0385	0.0000117	106	0.0000783	0.00955	0.000749	0.00557	0.0578	0.0000347	18.4	34.1	0.224	0.00711	16.8	0.0328	0.0316	0.000303	0.00186	0.00123	0.941	0.0000049	0.00332	0.00163	0.00315	0.000426
2073 Dec	586	0.11	0.304	0.0185	23.9	0.233	367	0.00956	0.000943	0.00000817	0.0134	0.0155	0.409	0.0385	0.0000117	106	0.0000784	0.00956	0.00075	0.00558	0.0578	0.0000348	18.4	34.2	0.224	0.00712	16.8	0.0328	0.0316	0.000303	0.00186	0.00123	0.941	0.0000049	0.00333	0.00163	0.00315	0.000427
2074 Jan	586	0.11	0.304	0.0185	23.9	0.234	367	0.00956	0.000943	0.00000817	0.0134	0.0155	0.409	0.0385	0.0000117	106	0.0000784	0.00956	0.00075	0.00558	0.0578	0.0000348	18.4	34.2	0.224	0.00712	16.8	0.0329	0.0316	0.000303	0.00186	0.00123	0.942	0.0000049	0.00333	0.00163	0.00315	0.000426
2074 Feb	586	0.11	0.303	0.0185	23.9	0.234	368	0.00956	0.000943	0.00000817	0.0134	0.0155	0.409	0.0385	0.0000117	106	0.0000784	0.00956	0.00075	0.00558	0.0578	0.0000348	18.4	34.2	0.224	0.00712	16.8	0.0329	0.0316	0.000303	0.00186	0.00123	0.942	0.0000049	0.00333	0.00163	0.00315	0.000426
2074 Mar	586	0.11	0.304	0.0185	23.9	0.234	368	0.00957	0.000944	0.00000818	0.0134	0.0155	0.409	0.0385	0.0000117	106	0.0000785	0.00957	0.00075	0.00558	0.0579	0.0000348	18.4	34.2	0.224	0.00712	16.8	0.0329	0.0316	0.000303	0.00186	0.00123	0.942	0.0000049	0.00333	0.00163	0.00315	0.000427
2074 Apr	589	0.111	0.305	0.0186	24.1	0.235	370	0.00962	0.000949	0.00000822	0.0135	0.0156	0.411	0.0387	0.0000118	106	0.0000789	0.00962	0.000754	0.00561	0.0582	0.000035	18.5	34.4	0.226	0.00716	16.9	0.0331	0.0318	0.000305	0.00187	0.00124	0.947	0.00000493	0.00335	0.00164	0.00317	0.000429
2074 May	578	0.109	0.295	0.0181	23.8	0.231	362	0.00938	0.000947	0.00000815	0.0134	0.0153	0.403	0.039	0.0000116	105	0.0000777	0.00943	0.000756	0.00553	0.0599	0.0000345	18.2	33.8	0.224	0.00701	16.6	0.0324	0.0324	0.000325	0.00184	0.00121	0.932	0.00000485	0.00328	0.00164	0.00314	0.000417
2074 Jun	524	0.0994	0.258	0.0162	21.9	0.208	326	0.00846	0.00089	0.00000753	0.0123	0.0138	0.364	0.0371	0.0000106	95.8	0.0000709	0.00853	0.000713	0.00504	0.0592	0.0000315	16.5	30.7	0.207	0.00632	14.9	0.0293	0.0314	0.00034	0.00167	0.0011	0.849	0.00000445	0.00296	0.00154	0.0029	0.000375
2074 Jul	555	0.103	0.267	0.0172	22.6	0.221	347	0.00903	0.000927	0.0000079	0.0129	0.0147	0.386	0.0388	0.0000112	101	0.0000749	0.00904	0.00075	0.00533	0.0614	0.0000332	17.5	32.5	0.219	0.00671	15.5	0.0311	0.0323	0.000352	0.00177	0.00117	0.899	0.00000469	0.00314	0.00162	0.00305	0.000401

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2077 Jun	553	0.092	0.209	0.0169	19	0.22	349	0.00927	0.000942	0.00000796	0.013	0.0149	0.386	0.0384	0.0000113	102	0.0000753	0.00904	0.000744	0.00531	0.0607	0.0000332	17.6	32.5	0.219	0.00674	13.4	0.031	0.0323	0.000343	0.00177	0.00118	0.898	0.00000475	0.00314	0.00162	0.00309	0.000412
2077 Jul	580	0.0956	0.216	0.0179	19.6	0.23	367	0.00981	0.000983	0.00000831	0.0135	0.0157	0.405	0.04	0.0000118	107	0.0000787	0.00947	0.000776	0.00555	0.0629	0.0000347	18.4	34	0.229	0.00708	13.9	0.0325	0.0334	0.000354	0.00186	0.00124	0.941	0.00000498	0.00329	0.00169	0.00322	0.000437
2077 Aug	615	0.0993	0.223	0.0191	20.1	0.243	390	0.0105	0.00102	0.00000869	0.0142	0.0168	0.429	0.0417	0.0000125	113	0.0000828	0.01	0.000814	0.00585	0.0648	0.0000365	19.5	36	0.242	0.00751	14.4	0.0343	0.0341	0.000363	0.00196	0.00131	0.994	0.00000525	0.00348	0.00177	0.00337	0.000469
2077 Sep	600	0.0961	0.213	0.0185	19.3	0.238	382	0.0102	0.000989	0.00000846	0.0138	0.0164	0.42	0.0405	0.0000121	111	0.0000809	0.00981	0.00079	0.00572	0.0623	0.0000357	19.1	35.2	0.236	0.00735	13.9	0.0336	0.0329	0.000345	0.00192	0.00128	0.972	0.00000511	0.00341	0.00172	0.00328	0.000457
2077 Oct	596	0.0956	0.211	0.0183	19.1	0.237	379	0.0101	0.000982	0.00000841	0.0137	0.0162	0.418	0.0402	0.0000121	110	0.0000805	0.00976	0.000785	0.0057	0.0618	0.0000355	19	35	0.234	0.00731	13.7	0.0335	0.0327	0.00034	0.00191	0.00127	0.967	0.00000508	0.0034	0.0017	0.00326	0.000452
2077 Nov	597	0.0957	0.211	0.0183	19.1	0.238	380	0.0101	0.000983	0.00000842	0.0138	0.0162	0.418	0.0403	0.0000121	110	0.0000806	0.00978	0.000786	0.00571	0.0618	0.0000356	19	35.1	0.234	0.00732	13.7	0.0335	0.0328	0.00034	0.00191	0.00128	0.968	0.00000508	0.0034	0.00171	0.00326	0.000452
2077 Dec	597	0.0958	0.211	0.0183	19.1	0.238	380	0.0101	0.000984	0.00000843	0.0138	0.0162	0.419	0.0403	0.0000121	110	0.0000807	0.00978	0.000786	0.00571	0.0619	0.0000356	19	35.1	0.234	0.00733	13.7	0.0336	0.0328	0.00034	0.00191	0.00128	0.969	0.00000509	0.0034	0.00171	0.00326	0.000452
2078 Jan	597	0.0958	0.211	0.0183	19.1	0.238	380	0.0101	0.000984	0.00000843	0.0138	0.0162	0.419	0.0403	0.0000121	110	0.0000807	0.00978	0.000786	0.00571	0.0619	0.0000356	19	35.1	0.234	0.00733	13.7	0.0336	0.0328	0.00034	0.00191	0.00128	0.969	0.00000509	0.0034	0.00171	0.00326	0.000452
2078 Feb	597	0.0958	0.211	0.0184	19.1	0.238	380	0.0101	0.000984	0.00000843	0.0138	0.0162	0.419	0.0403	0.0000121	110	0.0000807	0.00979	0.000786	0.00571	0.0619	0.0000356	19	35.1	0.234	0.00733	13.7	0.0336	0.0328	0.00034	0.00191	0.00128	0.969	0.00000509	0.0034	0.00171	0.00326	0.000453
2078 Mar	598	0.0958	0.211	0.0184	19.1	0.238	380	0.0101	0.000984	0.00000843	0.0138	0.0163	0.419	0.0403	0.0000121	110	0.0000807	0.00979	0.000787	0.00572	0.0619	0.0000356	19	35.1	0.234	0.00733	13.7	0.0336	0.0328	0.00034	0.00191	0.00128	0.969	0.00000509	0.0034	0.00171	0.00326	0.000453
2078 Apr	601	0.0964	0.212	0.0185	19.2	0.239	382	0.0102	0.00099	0.00000848	0.0139	0.0163	0.421	0.0405	0.0000122	111	0.0000812	0.00985	0.000791	0.00575	0.0623	0.0000358	19.1	35.3	0.236	0.00737	13.8	0.0338	0.033	0.000342	0.00193	0.00128	0.975	0.00000512	0.00342	0.00172	0.00328	0.000455
2078 May	585	0.0948	0.204	0.0179	19.1	0.233	371	0.00989	0.000982	0.00000835	0.0136	0.0159	0.41	0.0404	0.0000119	108	0.0000794	0.00958	0.000786	0.00562	0.0634	0.000035	18.6	34.4	0.232	0.00716	13.5	0.0329	0.0334	0.000358	0.00188	0.00125	0.952	0.00000501	0.00333	0.0017	0.00323	0.000441
2078 Jun	544	0.089	0.186	0.0165	18.1	0.216	343	0.00918	0.000934	0.00000784	0.0127	0.0148	0.379	0.0386	0.0000111	101	0.0000739	0.00886	0.000746	0.00522	0.062	0.0000326	17.3	32	0.218	0.00662	12.6	0.0304	0.0324	0.000361	0.00174	0.00116	0.885	0.00000469	0.00308	0.00161	0.00303	0.000408
2078 Jul	576	0.0931	0.194	0.0177	18.7	0.228	365	0.00982	0.000978	0.00000824	0.0134	0.0157	0.401	0.0405	0.0000118	107	0.0000779	0.00938	0.000785	0.00552	0.0645	0.0000344	18.3	33.8	0.23	0.00703	13.2	0.0322	0.0335	0.000374	0.00184	0.00123	0.936	0.00000495	0.00326	0.00169	0.00319	0.000438
2078 Aug	600	0.0947	0.196	0.0184	18.8	0.238	381	0.0102	0.000996	0.00000848	0.0138	0.0164	0.419	0.0415	0.0000122	111	0.0000809	0.00979	0.000809	0.00574	0.0652	0.0000356	19.1	35.3	0.239	0.00734	13.4	0.0336	0.0335	0.000376	0.00192	0.00128	0.975	0.00000512	0.0034	0.00175	0.00328	0.000458
2078 Sep	610	0.0951	0.197	0.0186	18.8	0.242	388	0.0104	0.001	0.00000858	0.014	0.0166	0.427	0.042	0.0000123	113	0.0000823	0.00999	0.00082	0.00584	0.0653	0.0000362	19.4	35.9	0.242	0.00748	13.5	0.0343	0.0335	0.000376	0.00195	0.00131	0.993	0.00000519	0.00347	0.00177	0.00332	0.000463
2078 Oct	606	0.094	0.194	0.0184	18.6	0.242	386	0.0102	0.000986	0.00000851	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.000082	0.00997	0.000814	0.00583	0.0644	0.0000361	19.4	35.8	0.241	0.00745	13.3	0.0342	0.033	0.000369	0.00195	0.0013	0.989	0.00000514	0.00347	0.00176	0.0033	0.000458
2078 Nov	605	0.0939	0.193	0.0183	18.5	0.242	386	0.0102	0.000985	0.0000085	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.0000819	0.00996	0.000812	0.00582	0.0642	0.0000361	19.3	35.8	0.24	0.00744	13.2	0.0342	0.033	0.000368	0.00195	0.0013	0.988	0.00000514	0.00346	0.00175	0.0033	0.000457
2078 Dec	606	0.0939	0.193	0.0183	18.5	0.242	386	0.0102	0.000985	0.0000085	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.0000819	0.00997	0.000812	0.00582	0.0642	0.0000361	19.3	35.8	0.24	0.00744	13.2	0.0342	0.033	0.000368	0.00195	0.0013	0.988	0.00000514	0.00346	0.00175	0.0033	0.000457
2079 Jan	606	0.0939	0.193	0.0183	18.5	0.242	386	0.0102	0.000985	0.0000085	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.0000819	0.00997	0.000812	0.00583	0.0642	0.0000361	19.3	35.8	0.24	0.00744	13.2	0.0342	0.033	0.000367	0.00195	0.0013	0.989	0.00000514	0.00347	0.00175	0.0033	0.000457
2079 Feb	606	0.0939	0.193	0.0183	18.5	0.242	386	0.0102	0.000985	0.0000085	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.0000819	0.00997	0.000813	0.00583	0.0642	0.0000361	19.3	35.8	0.241	0.00744	13.2	0.0342	0.033	0.000367	0.00195	0.0013	0.989	0.00000514	0.00347	0.00175	0.0033	0.000457
2079 Mar	606	0.094	0.193	0.0183	18.5	0.242	386	0.0102	0.000985	0.0000085	0.0139	0.0165	0.426	0.0416	0.0000122	112	0.000082	0.00998	0.000813	0.00583	0.0643	0.0000361	19.4	35.8	0.241	0.00745	13.2	0.0342	0.033	0.000368	0.00195	0.0013	0.989	0.00000514	0.00347	0.00176	0.0033	0.000457
2079 Apr	608	0.0943	0.194	0.0184	18.6	0.243	388	0.0103	0.000988	0.0000085	0.0139	0.0165	0.428	0.0417	0.0000123	113	0.0000823	0.01	0.000816	0.00585	0.0645	0.0000362	19.4	35.9	0.241	0.00747	13.3	0.0343	0.0331	0.000369	0.00196	0.0013	0.993	0.00000516	0.00348	0.00176	0.00331	0.000459
2079 May	616	0.0956	0.197	0.0186	18.8	0.246	393	0.0104	0.001	0.00000865	0.0141	0.0168	0.434	0.0423	0.0000124	114	0.0000834	0.0101	0.000827	0.00593	0.0654	0.0000367	19.7	36.4	0.245	0.00757	13.5	0.0348	0.0336	0.000374	0.00198	0.00132	1.01	0.00000523	0.00353	0.00179	0.00335	0.000465
2079 Jun	556	0.0861	0.174	0.0168	17.1	0.222	353	0.00942	0.000949	0.00000801	0.0131	0.0151	0.39	0.0387	0.0000114	103	0.0000759	0.00911	0.00075	0.00535	0.0611	0.0000334	17.7	32.8	0.221	0.00681	12.1	0.0313	0.0324	0.000346	0.00179	0.00119	0.906	0.0000048	0.00317	0.00163	0.00311	0.000419
2079 Jul	560	0.086	0.174	0.017	17	0.223	357	0.00954	0.000957	0.00000808	0.0131	0.0153	0.393	0.0388	0.0000115	104	0.0000765	0.00919	0.000753	0.00539	0.0611	0.0000337	17.9	33	0.223	0.00687	12.1	0.0315	0.0324	0.000344	0.00181	0.0012	0.913	0.00000484	0.00319	0.00164	0.00314	0.000425
2079 Aug	590	0.0886	0.178	0.0179	17.3	0.235	376	0.0101	0.000989	0.0000084	0.0137	0.0161	0.414	0.0402	0.000012	109	0.0000801	0.00967	0.000784	0.00565	0.0626	0.0000353	18.8	34.7	0.233	0.00724	12.5	0.0331	0.033	0.00035	0.0019	0.00127	0.959	0.00000507	0.00336	0.00171	0.00327	0.000451
2079 Sep	587	0.0874	0.174	0.0178	16.9	0.234	376	0.01	0.000974	0.00000833	0.0136	0.0161	0.413	0.0398	0.0000119	109	0.0000798	0.00966	0.000777	0.00564	0.0613	0.0000351	18.8	34.7	0.232	0.00723	12.3	0.0331	0.0323	0.00034	0.00189	0.00126	0.957	0.00000503	0.00336	0.00169	0.00324	0.000449
2079 Oct	581	0.0864	0.171	0.0176	16.6	0.233	372	0.0099	0.000961	0.00000824	0.0135	0.0159	0.41	0.0393	0.0000118	108	0.0000791	0.00958	0.000768	0.00559	0.0604	0.0000348	18.6	34.4	0.229	0.00716	12.1	0.0329	0.0319	0.000333	0.00188	0.00125	0.948	0.00000497	0.00333	0.00167	0.0032	0.000442
2079 Nov	578	0.0861	0.17	0.0174	16.5	0.231	370	0.00983	0.000956	0.0000082	0.0134	0.0158	0.408	0.0391	0.0000118	107	0.0000786	0.00952	0.000764	0.00556	0.06	0.0000346	18.5	34.2	0.228	0.00712	12	0.0327	0.0318	0.00033	0.00186	0.00124	0.943	0.00000495	0.00331	0.00166	0.00319	0.000439
2079 Dec	575	0.0859	0.169	0.0173	16.5	0.23	368	0.00978	0.000953	0.00000817	0.0134	0.0157	0.406	0.0389	0.0000117	106	0.0000783	0.00948	0.00076	0.00553	0.0598	0.0000345	18.4	34	0.227	0.00709	12	0.0325	0.0318	0.000328	0.00186	0.00123	0.938	0.00000493	0.0033	0.00165	0.00317	0.000437
2080 Jan	575	0.086	0.169	0.0173	16.5	0.23	368	0.00977	0.000953	0.00000817	0.0134	0.0157	0.406	0.0389	0.0000117	106	0.0000783	0.00948	0.00076	0.00553	0.0598	0.0000345	18.4	34	0.227	0.00709	12	0.0325	0.0318	0.000327	0.00186	0.00123	0.938	0.00000492	0.0033	0.00165	0.00317	0.000437
2080 Feb	575	0.086	0.169	0.0173	16.5	0.23	368	0.00978	0.000953	0.00000817	0.0134	0.0157	0.406	0.0389	0.0000117	106	0.0000783	0.00948	0.00076	0.00553	0.0598	0.0000345	18.4	34	0.227	0.00709	12	0.0325	0.0318	0.000328	0.00186	0.00123	0.938	0.00000492	0.0033	0.00165	0.00317	0.000437
2080 Mar	575	0.086	0.169	0.0173	16.5	0.23	368	0.00978	0.000954	0.00000817	0.0134	0.0157	0.406	0.0389	0.0000117	106	0.0000783	0.00948	0.00076	0.00554	0.0598	0.0000345	18.4	34	0.227	0.00709	12	0.0325	0.0318	0.000328	0.00186	0.00123	0.938	0.00000493	0.0033	0.00165	0.00317	0.000437
2080 Apr	576	0.0862	0.169	0.0174	16.5	0.231	369	0.0098	0.000956	0.00000819	0.0134	0.0157	0.407	0.039	0.0000117	107	0.0000785	0.0095	0.000762	0.00555	0.0599	0.0000346	18.4	34.1	0.227	0.00711	12	0.0326	0.0319	0.000328	0.00186	0.00124	0.94	0.00000494	0.0033	0.00166	0.00318	0.000438
2080 May	585	0.0875	0.172	0.0176	16.8	0.234	374	0.00995	0.00097	0.00000831	0.0136	0.016	0.413	0.0396	0.0000119	108	0.0000796	0.00964	0.000773	0.00563	0.0608	0.0000351	18.7	34.6	0.231	0.00721	12.2	0.0331	0.0324	0.000333	0.00189	0.00126	0.954	0.00000501	0.00335	0.00168	0.00323	0.000444
2080 Jun	560	0.0834	0.163	0.0169	16	0.224	358	0.00958	0.000952	0.00000806	0.0132	0.0153	0.395	0.038	0.0000115	104	0.0000766	0.00922	0.000739	0.00539	0.0588	0.0000338	17.9	33.1	0.221	0.0069	11.6	0.0316	0.0319	0.000318	0.00181	0.0012	0.913	0.00000484	0.00321	0.00162	0.00313	0.000427
2080 Jul	564	0.0827	0.16	0.0172	15.7	0.225	361	0.00975	0.000959	0.00000811	0.0132	0.0155	0.397	0.0378	0.0000116	104	0.0000769	0.00926	0.000737	0.0054	0.0583	0.0000339	18.1	33.2	0.221	0.00695	11.6	0.0317	0.0318	0.000311	0.00182	0.00121	0.916	0.00000489	0.00322	0.00162	0.00315	0.000435
2080 Aug	583	0.0841	0.163	0.0178	15.8	0.233	374	0.0101	0.000978	0.00000831	0.0136	0.0161	0.41	0.0386	0.0000119	108	0.0000792	0.00957	0.000756	0.00557	0.0589	0.0000349	18.7	34.3	0.228	0.0072	11.8	0.0328	0.032	0.000312	0.00188	0.00126	0.946	0.00000503	0.00333	0.00166	0.00323	0.000452
2080 Sep	585	0.0835	0.16	0.0178	15.6	0.234	376	0.0101	0.00097	0.0000083	0.0135	0.0161	0.413	0.0385	0.0000119	108	0.0000794	0.00963	0.000755	0.00559	0.0581	0.000035	18.8	34.5	0.228	0.00724	11.6	0.033	0.0315	0.000305	0.00189	0.00126	0.95	0.00000503	0.00335	0.00165	0.00322	0.000454
2080 Oct	583	0.0829	0.159	0.0177	15.4	0.234	375	0.0101	0.000961	0.00000826	0.0135	0.0161	0.412	0.0383	0.0000119	108	0.0000793	0.00962	0.000751	0.00559	0.0575	0.0000349	18.7	34.4	0.227	0.00723	11.5	0.033	0.0312	0.000301	0.00189	0.00126	0.949	0.00000501	0.00335	0.00164	0.00321	0.000452
2080 Nov	580	0.0824	0.157	0.0176	15.2	0.233	373	0.01	0.000955	0.00000821	0.0134	0.016	0.411	0.038	0.0000118	107	0.0000789	0.00958	0.000747	0.00556	0.0571	0.0000347	18.6	34.3	0.226	0.00719	11.4	0.0329	0.031	0.000298	0.00188	0.00125	0.944	0.00000498	0.00333	0.00163	0.00319	0.000448
2080 Dec	580	0.0823	0.157	0.0176	15.2	0.233	373	0.01	0.000954	0.00000821	0.0134	0.016	0.411	0.038	0.0000118	107	0.0000789	0.00958	0.000747	0.00556	0.0571	0.0000347	18.6	34.3	0.226	0.00719	11.4	0.0329	0.031	0.000297	0.00188	0.00125	0.944	0.00000498	0.00334	0.00163	0.00319	0.000448
2081 Jan	580	0.0824	0.157	0.0176	15.2	0.233	373	0.01	0.000954	0.00000821	0.0134	0.016	0.411	0.038	0.0000118	107	0.0000789	0.00958	0.000747	0.00557	0.0571	0.0000348	18.6	34.3	0.226	0.00719	11.4	0.0329	0.031	0.000297	0.00188	0.00125	0.945	0.00000498	0.00334	0.00163	0.00319	0.000448
2081 Feb	580	0.0824	0.157	0.0176	15.2	0.233	373	0.01	0.000954	0.00000821	0.0134	0.016	0.411	0.038	0.0000118	107	0.0000789	0.00958	0.000747	0.00557	0.0571	0.0000348	18.6	34.3	0.226	0.00719	11.4	0.0329	0.031	0.000297	0.00188	0.00125	0.945	0.00000498	0.00334	0.00163	0.00319	0.000448
2081 Mar	580	0.0824	0.157	0.0176	15.2	0.233	374	0.01	0.000955	0.00000821	0.0134	0.016	0.411	0.0381	0.0000118	107	0.0000789	0.00959	0.000748	0.00557	0.0571	0.0000348	18.6	34.3	0.226	0.00719	11.4	0.0329	0.031	0.000298	0.00188	0.00125	0.945	0.00000498	0.00334	0.00164	0.00319	0.000448
2081 Apr	582	0.0827	0.158	0.0176	15.3	0.234	375	0.01	0.000958	0.00000824	0.0135	0.016	0.412	0.0382	0.0000119	108	0.0000792	0.00962	0.00075	0.00559	0.0573	0.0000349	18.7	34.4	0.227	0.00722	11.5	0.033	0.0311	0.000299	0.00188	0.00126	0.948	0.000005	0.00335	0.00164	0.0032	0.00045
2081 May	577	0.0828	0.156	0.0175	15.4	0.231	371	0.00996	0.000963	0.00000822	0.0134	0.0159	0.408	0.0384	0.0000118	107	0.0000786	0.00951	0.000752	0.00554	0.0586	0.0000346	18.5	34.1	0.226	0.00714	11.5	0.0326	0.0316	0.000312	0.00186	0.00124	0.94	0.00000497	0.00331	0.00164	0.00319	0.000445
2081 Jun	552	0.08	0.147	0.0167	15	0.221	354	0.00957	0.00094	0.00000794	0.0129	0.0152	0.388	0.0374	0.0000113	103	0.0000753	0.00907	0.000729	0.0053	0.0581	0.0000332	17.7	32.6	0.218	0.00681	11	0.0311	0.0313	0.000316	0.00178	0.00119	0.899	0.00000479	0.00315	0.00159	0.00308	0.000427
2081 Jul	586	0.0842	0.155	0.0179	15.7	0.233	376	0.0102	0.000991	0.00000838	0.0136	0.0162	0.411	0.0394	0.000012	109	0.0000795	0.00959	0.000769	0.00556	0.0608	0.0000355	18.8	34.5	0.231	0.00723	11.6	0.0329	0.0326	0.000329	0.00189	0.00127	0.951	0.00000507	0.00334	0.00168	0.00325	0.000457
2081 Aug	626	0.0884	0.161	0.0193	16.2	0.248	403	0.0111	0.00104	0.00000884	0.0144	0.0174	0.439	0.0414	0.0000127	116	0.0000844	0.0102	0.000813	0.00595	0.063	0.0000371	20.1	36.8	0.246	0.00774	12.2	0.035	0.0335	0.00034	0.00201	0.00136	1.01	0.0000054	0.00356	0.00177	0.00343	0.000496
2081 Sep	631	0.0883	0.16	0.0194	16.1	0.251	407	0.0111	0.00104	0.00000886	0.0144	0.0175	0.443	0.0415	0.0000128	117	0.000085	0.0103	0.000816	0.006	0.0627	0.0000374	20.2	37.1	0.247	0.0078	12.1	0.0354	0.0333	0.000336	0.00203	0.00137	1.02	0.00000542	0.0036	0.00178	0.00344	0.000499
2081 Oct	631	0.0879	0.16	0.0193	16	0.251	407	0.0111	0.00103	0.00000886	0.0144	0.0175	0.444	0.0414	0.0000128	117	0.0000851	0.0104	0.000816	0.00601	0.0624	0.0000374	20.3	37.2	0.247	0.00781	12.1	0.0355	0.0331	0.000334	0.00203	0.00137	1.02	0.00000541	0.0036	0.00178	0.00344	0.000497
2081 Nov	623	0.0868	0.157	0.019	15.7	0.248	402	0.0109	0.00102	0.00000874	0.0143	0.0173	0.439	0.0409	0.0000126	115	0.0000841	0.0102	0.000805	0.00594	0.0615	0.000037	20	36.7	0.244	0.00772	11.9	0.035	0.0327	0.000328	0.00201	0.00135	1.01	0.00000534	0.00356	0.00175	0.00339	0.000489
2081 Dec	622	0.0868	0.157	0.019	15.7	0.248	401	0.0109	0.00102	0.00000873	0.0142	0.0172	0.438	0.0408	0.0000126	115	0.0000839	0.0102	0.000803	0.00593	0.0614	0.0000369	20	36.6	0.243	0.0077	11.9	0.035	0.0327	0.000327	0.002	0.00135	1.01	0.00000533	0.00356	0.00175	0.00339	0.000488
2082 Jan	622	0.0868	0.157	0.019	15.7	0.248	401	0.0109	0.00102	0.00000873	0.0142	0.0172	0.438	0.0408	0.0000126	115	0.0000839	0.0102	0.000803	0.00593	0.0614	0.0000369	20	36.6	0.243	0.0077	11.9	0.035	0.0327	0.000327	0.002	0.00135	1.01	0.00000533	0.00355	0.00175	0.00339	0.000488
2082 Feb

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2084 Dec	556	0.0737	0.109	0.0168	12.5	0.222	360	0.00986	0.000935	0.00000793	0.0129	0.0155	0.392	0.037	0.0000114	104	0.0000754	0.00914	0.000725	0.00532	0.0565	0.0000332	17.9	32.8	0.219	0.00691	9.6	0.0313	0.0304	0.000301	0.00179	0.00121	0.906	0.00000483	0.00318	0.00158	0.00307	0.000442
2085 Jan	556	0.0737	0.109	0.0168	12.5	0.222	360	0.00986	0.000934	0.00000793	0.0129	0.0155	0.392	0.037	0.0000114	104	0.0000754	0.00914	0.000725	0.00532	0.0565	0.0000332	17.9	32.8	0.219	0.00691	9.6	0.0313	0.0304	0.0003	0.00179	0.00121	0.906	0.00000483	0.00318	0.00158	0.00307	0.000442
2085 Feb	556	0.0737	0.109	0.0168	12.5	0.222	360	0.00986	0.000935	0.00000793	0.0129	0.0155	0.392	0.037	0.0000114	104	0.0000754	0.00914	0.000726	0.00532	0.0565	0.0000332	17.9	32.8	0.219	0.00691	9.6	0.0313	0.0304	0.000301	0.00179	0.00121	0.906	0.00000483	0.00318	0.00158	0.00307	0.000442
2085 Mar	557	0.0737	0.109	0.0168	12.5	0.222	360	0.00987	0.000935	0.00000793	0.0129	0.0155	0.392	0.037	0.0000114	104	0.0000755	0.00915	0.000726	0.00532	0.0565	0.0000333	17.9	32.9	0.219	0.00692	9.6	0.0313	0.0304	0.000301	0.00179	0.00121	0.906	0.00000483	0.00318	0.00158	0.00307	0.000442
2085 Apr	558	0.0739	0.109	0.0169	12.6	0.223	361	0.0099	0.000938	0.00000796	0.0129	0.0156	0.394	0.0372	0.0000114	104	0.0000757	0.00918	0.000728	0.00534	0.0567	0.0000334	18	33	0.22	0.00694	9.63	0.0314	0.0305	0.000302	0.0018	0.00121	0.909	0.00000485	0.00319	0.00158	0.00308	0.000443
2085 May	557	0.0741	0.108	0.0168	12.7	0.223	360	0.00984	0.000941	0.00000797	0.013	0.0155	0.393	0.0374	0.0000114	104	0.0000757	0.00916	0.000732	0.00534	0.0576	0.0000334	18	32.9	0.22	0.00692	9.64	0.0314	0.0309	0.00031	0.0018	0.00121	0.908	0.00000484	0.00319	0.00159	0.00308	0.000441
2085 Jun	543	0.073	0.105	0.0163	12.6	0.217	350	0.00959	0.000929	0.00000782	0.0127	0.0151	0.382	0.0371	0.0000112	102	0.0000739	0.00892	0.000723	0.00521	0.0578	0.0000326	17.5	32.1	0.216	0.00673	9.46	0.0305	0.0308	0.000317	0.00175	0.00118	0.886	0.00000474	0.0031	0.00157	0.00302	0.000429
2085 Jul	572	0.0759	0.109	0.0173	13	0.228	370	0.0102	0.000966	0.00000817	0.0133	0.016	0.402	0.0386	0.0000117	107	0.0000775	0.00938	0.000756	0.00547	0.0597	0.0000341	18.4	33.8	0.227	0.0071	9.86	0.0321	0.0316	0.000327	0.00184	0.00125	0.932	0.00000498	0.00326	0.00164	0.00316	0.000455
2085 Aug	591	0.0763	0.109	0.0178	12.8	0.235	383	0.0105	0.000968	0.0000083	0.0135	0.0165	0.417	0.0392	0.000012	110	0.0000797	0.00972	0.000772	0.00564	0.0594	0.0000351	19.1	34.9	0.233	0.00735	9.92	0.0332	0.0311	0.000322	0.0019	0.00129	0.962	0.00000509	0.00338	0.00167	0.00322	0.000471
2085 Sep	585	0.0749	0.106	0.0175	12.5	0.235	380	0.0103	0.000947	0.00000819	0.0134	0.0163	0.415	0.0386	0.0000119	109	0.0000792	0.00968	0.000762	0.00562	0.0579	0.0000349	18.9	34.7	0.231	0.0073	9.69	0.0332	0.0303	0.000312	0.00189	0.00128	0.957	0.00000502	0.00337	0.00165	0.00317	0.000463
2085 Oct	577	0.0736	0.104	0.0171	12.2	0.232	375	0.0101	0.000928	0.00000807	0.0132	0.016	0.41	0.038	0.0000117	107	0.0000782	0.00957	0.000751	0.00555	0.0567	0.0000344	18.7	34.3	0.227	0.0072	9.48	0.0328	0.0298	0.000304	0.00187	0.00126	0.945	0.00000494	0.00333	0.00163	0.00313	0.000453
2085 Nov	571	0.0731	0.102	0.0169	12.1	0.23	371	0.00995	0.000919	0.000008	0.0131	0.0159	0.407	0.0377	0.0000116	106	0.0000775	0.00949	0.000743	0.0055	0.0561	0.0000341	18.5	34	0.225	0.00713	9.36	0.0325	0.0296	0.000299	0.00185	0.00124	0.936	0.00000489	0.0033	0.00161	0.00309	0.000447
2085 Dec	571	0.0731	0.102	0.0169	12.1	0.23	371	0.00995	0.000919	0.000008	0.0131	0.0159	0.407	0.0377	0.0000116	106	0.0000775	0.00949	0.000743	0.0055	0.0561	0.0000341	18.5	34	0.225	0.00713	9.36	0.0325	0.0296	0.000299	0.00185	0.00124	0.936	0.00000489	0.0033	0.00161	0.00309	0.000447
2086 Jan	571	0.0731	0.102	0.0169	12.1	0.23	371	0.00995	0.000919	0.000008	0.0131	0.0159	0.407	0.0377	0.0000116	106	0.0000775	0.00949	0.000743	0.0055	0.0561	0.0000341	18.5	34	0.225	0.00713	9.36	0.0325	0.0296	0.000299	0.00185	0.00124	0.936	0.00000489	0.0033	0.00161	0.00309	0.000447
2086 Feb	571	0.0731	0.102	0.0169	12.1	0.23	371	0.00995	0.000919	0.000008	0.0131	0.0159	0.407	0.0377	0.0000116	106	0.0000775	0.00949	0.000743	0.0055	0.0561	0.0000341	18.5	34	0.225	0.00714	9.36	0.0325	0.0296	0.000299	0.00185	0.00124	0.936	0.00000489	0.0033	0.00161	0.00309	0.000447
2086 Mar	571	0.0732	0.102	0.0169	12.1	0.23	371	0.00995	0.00092	0.000008	0.0131	0.0159	0.407	0.0377	0.0000116	106	0.0000775	0.00949	0.000743	0.0055	0.0562	0.0000341	18.5	34	0.225	0.00714	9.37	0.0325	0.0296	0.000299	0.00185	0.00124	0.936	0.00000489	0.0033	0.00161	0.0031	0.000447
2086 Apr	574	0.0735	0.103	0.017	12.2	0.231	372	0.01	0.000923	0.00000803	0.0132	0.0159	0.409	0.0379	0.0000116	107	0.0000778	0.00953	0.000746	0.00553	0.0564	0.0000343	18.5	34.1	0.226	0.00717	9.41	0.0327	0.0297	0.000301	0.00186	0.00125	0.94	0.00000491	0.00332	0.00162	0.00311	0.000449
2086 May	580	0.0744	0.104	0.0171	12.3	0.234	376	0.0101	0.000935	0.00000813	0.0133	0.0161	0.413	0.0384	0.0000118	108	0.0000787	0.00963	0.000756	0.00559	0.0573	0.0000347	18.7	34.5	0.228	0.00724	9.52	0.033	0.0302	0.000307	0.00188	0.00126	0.951	0.00000496	0.00335	0.00164	0.00315	0.000453
2086 Jun	530	0.069	0.0938	0.0156	11.8	0.213	342	0.00921	0.000894	0.00000761	0.0124	0.0147	0.376	0.0361	0.0000109	99.2	0.0000725	0.00877	0.000705	0.00512	0.0558	0.000032	17.1	31.5	0.211	0.00659	8.83	0.0301	0.0297	0.000305	0.00172	0.00115	0.869	0.00000466	0.00305	0.00153	0.00295	0.000412
2086 Jul	550	0.0706	0.0955	0.0163	11.9	0.221	356	0.00963	0.000922	0.00000786	0.0128	0.0153	0.39	0.0371	0.0000113	103	0.000075	0.00909	0.000726	0.0053	0.0568	0.000033	17.8	32.6	0.218	0.00684	9.06	0.0311	0.0303	0.000308	0.00178	0.0012	0.9	0.00000477	0.00316	0.00158	0.00305	0.000431
2086 Aug	573	0.0716	0.0967	0.0169	11.9	0.231	372	0.01	0.000936	0.00000808	0.0132	0.0159	0.408	0.038	0.0000117	107	0.0000779	0.00951	0.000748	0.00552	0.0571	0.0000343	18.5	34.1	0.226	0.00715	9.21	0.0326	0.0302	0.000307	0.00186	0.00125	0.939	0.00000493	0.00331	0.00163	0.00314	0.00045
2086 Sep	571	0.0706	0.0948	0.0168	11.6	0.231	372	0.00992	0.000922	0.00000803	0.0131	0.0159	0.409	0.0377	0.0000116	106	0.0000779	0.00953	0.000744	0.00553	0.056	0.0000343	18.5	34.1	0.225	0.00715	9.06	0.0327	0.0296	0.000298	0.00186	0.00124	0.94	0.0000049	0.00332	0.00162	0.00312	0.000445
2086 Oct	572	0.0703	0.0943	0.0167	11.5	0.232	372	0.00987	0.000917	0.00000802	0.0132	0.0158	0.41	0.0377	0.0000116	106	0.000078	0.00956	0.000744	0.00554	0.0558	0.0000344	18.5	34.2	0.225	0.00716	9.01	0.0328	0.0295	0.000296	0.00187	0.00124	0.941	0.00000489	0.00333	0.00162	0.00312	0.000443
2086 Nov	573	0.0705	0.0945	0.0167	11.6	0.233	373	0.00989	0.000919	0.00000804	0.0132	0.0159	0.411	0.0378	0.0000116	107	0.0000782	0.00959	0.000745	0.00556	0.0559	0.0000345	18.6	34.3	0.226	0.00718	9.02	0.0329	0.0295	0.000296	0.00187	0.00125	0.944	0.0000049	0.00334	0.00162	0.00312	0.000444
2086 Dec	573	0.0705	0.0945	0.0167	11.6	0.233	373	0.00989	0.000919	0.00000805	0.0132	0.0159	0.411	0.0378	0.0000116	107	0.0000783	0.00959	0.000746	0.00556	0.0559	0.0000345	18.6	34.3	0.226	0.00718	9.02	0.0329	0.0295	0.000296	0.00187	0.00125	0.944	0.0000049	0.00334	0.00162	0.00312	0.000444
2087 Jan	573	0.0705	0.0945	0.0167	11.6	0.233	373	0.00989	0.000919	0.00000805	0.0132	0.0159	0.411	0.0378	0.0000116	107	0.0000783	0.0096	0.000746	0.00556	0.0559	0.0000345	18.6	34.3	0.226	0.00719	9.02	0.0329	0.0295	0.000296	0.00187	0.00125	0.944	0.0000049	0.00334	0.00162	0.00312	0.000444
2087 Feb	573	0.0705	0.0945	0.0167	11.6	0.233	373	0.00989	0.000919	0.00000805	0.0132	0.0159	0.411	0.0378	0.0000116	107	0.0000783	0.0096	0.000746	0.00556	0.0559	0.0000345	18.6	34.3	0.226	0.00719	9.03	0.0329	0.0295	0.000297	0.00187	0.00125	0.945	0.0000049	0.00334	0.00162	0.00313	0.000444
2087 Mar	574	0.0706	0.0946	0.0167	11.6	0.233	373	0.0099	0.00092	0.00000806	0.0132	0.0159	0.412	0.0378	0.0000117	107	0.0000784	0.00961	0.000747	0.00557	0.056	0.0000345	18.6	34.3	0.226	0.00719	9.03	0.033	0.0296	0.000297	0.00187	0.00125	0.946	0.00000491	0.00334	0.00162	0.00313	0.000445
2087 Apr	575	0.0707	0.0948	0.0168	11.6	0.234	374	0.00993	0.000922	0.00000807	0.0132	0.0159	0.412	0.0379	0.0000117	107	0.0000785	0.00963	0.000748	0.00558	0.0561	0.0000346	18.6	34.4	0.227	0.00721	9.05	0.033	0.0296	0.000297	0.00188	0.00125	0.948	0.00000492	0.00335	0.00163	0.00313	0.000446
2087 May	572	0.0709	0.0941	0.0166	11.7	0.232	371	0.00986	0.000926	0.00000806	0.0132	0.0158	0.409	0.0381	0.0000116	107	0.0000781	0.00956	0.00075	0.00555	0.0569	0.0000344	18.5	34.2	0.226	0.00715	9.06	0.0328	0.03	0.000306	0.00187	0.00124	0.942	0.00000493	0.00333	0.00163	0.00313	0.000442
2087 Jun	538	0.0688	0.0882	0.0156	11.8	0.217	348	0.00927	0.000903	0.00000773	0.0126	0.0149	0.383	0.0373	0.0000111	101	0.0000739	0.00895	0.000727	0.00523	0.0578	0.0000326	17.4	32.2	0.216	0.0067	8.75	0.0307	0.0302	0.000325	0.00175	0.00117	0.888	0.00000466	0.00311	0.00158	0.003	0.000414
2087 Jul	558	0.0708	0.0907	0.0162	12	0.225	361	0.00964	0.00093	0.00000798	0.013	0.0155	0.397	0.0384	0.0000115	105	0.0000765	0.00929	0.000751	0.00542	0.0593	0.0000337	18.1	33.4	0.224	0.00696	9.01	0.0319	0.0309	0.000332	0.00182	0.00121	0.921	0.00000483	0.00323	0.00163	0.00309	0.000431
2087 Aug	589	0.0734	0.0937	0.0172	12.2	0.237	382	0.0102	0.000961	0.00000831	0.0136	0.0164	0.419	0.0399	0.000012	110	0.0000802	0.00979	0.000784	0.0057	0.0608	0.0000353	19.1	35.1	0.235	0.00735	9.35	0.0336	0.0314	0.000339	0.00191	0.00128	0.969	0.00000506	0.00341	0.0017	0.00323	0.000459
2087 Sep	603	0.0742	0.0947	0.0176	12.3	0.243	392	0.0105	0.00097	0.00000846	0.0138	0.0167	0.43	0.0406	0.0000122	113	0.0000821	0.0101	0.000799	0.00584	0.0611	0.0000361	19.5	36	0.24	0.00754	9.46	0.0345	0.0314	0.00034	0.00196	0.00131	0.994	0.00000516	0.0035	0.00173	0.00328	0.000469
2087 Oct	600	0.0736	0.0938	0.0174	12.2	0.243	390	0.0104	0.000961	0.00000841	0.0138	0.0166	0.429	0.0404	0.0000122	112	0.0000819	0.01	0.000796	0.00582	0.0606	0.0000356	19.5	35.9	0.239	0.00751	9.37	0.0344	0.0311	0.000337	0.00196	0.00131	0.991	0.00000513	0.00349	0.00172	0.00327	0.000465
2087 Nov	599	0.0734	0.0934	0.0174	12.1	0.242	389	0.0103	0.000958	0.00000839	0.0137	0.0166	0.428	0.0402	0.0000121	112	0.0000817	0.01	0.000793	0.00581	0.0604	0.0000356	19.4	35.9	0.238	0.00749	9.34	0.0343	0.0311	0.000335	0.00195	0.0013	0.988	0.00000511	0.00348	0.00172	0.00326	0.000463
2087 Dec	599	0.0734	0.0934	0.0174	12.1	0.243	389	0.0103	0.000958	0.00000839	0.0137	0.0166	0.429	0.0403	0.0000121	112	0.0000817	0.01	0.000793	0.00582	0.0604	0.0000356	19.4	35.9	0.238	0.00749	9.33	0.0344	0.0311	0.000335	0.00195	0.0013	0.989	0.00000511	0.00349	0.00172	0.00326	0.000463
2088 Jan	599	0.0734	0.0934	0.0174	12.1	0.243	389	0.0103	0.000958	0.00000839	0.0137	0.0166	0.429	0.0403	0.0000121	112	0.0000817	0.01	0.000794	0.00582	0.0604	0.0000356	19.4	35.9	0.238	0.00749	9.33	0.0344	0.0311	0.000335	0.00195	0.0013	0.989	0.00000511	0.00349	0.00172	0.00326	0.000463
2088 Feb	599	0.0734	0.0934	0.0174	12.1	0.243	389	0.0103	0.000958	0.00000839	0.0137	0.0166	0.429	0.0403	0.0000121	112	0.0000817	0.01	0.000794	0.00582	0.0604	0.0000356	19.4	35.9	0.238	0.0075	9.34	0.0344	0.0311	0.000335	0.00195	0.0013	0.989	0.00000511	0.00349	0.00172	0.00326	0.000463
2088 Mar	600	0.0735	0.0935	0.0174	12.1	0.243	390	0.0103	0.000959	0.0000084	0.0138	0.0166	0.429	0.0403	0.0000121	112	0.0000818	0.01	0.000795	0.00582	0.0605	0.0000356	19.4	35.9	0.239	0.0075	9.34	0.0344	0.0311	0.000335	0.00196	0.00131	0.99	0.00000512	0.00349	0.00172	0.00326	0.000463
2088 Apr	604	0.0741	0.0942	0.0175	12.2	0.245	393	0.0104	0.000967	0.00000847	0.0139	0.0167	0.433	0.0406	0.0000122	113	0.0000825	0.0101	0.000801	0.00587	0.061	0.0000363	19.6	36.2	0.241	0.00756	9.42	0.0347	0.0313	0.000338	0.00197	0.00132	0.998	0.00000516	0.00352	0.00174	0.00329	0.000467
2088 May	615	0.0754	0.0959	0.0178	12.5	0.249	400	0.0106	0.000984	0.00000862	0.0141	0.017	0.44	0.0414	0.0000125	115	0.0000839	0.0103	0.000815	0.00597	0.0621	0.0000037	19.9	36.9	0.245	0.0077	9.58	0.0353	0.0319	0.000344	0.00201	0.00134	1.02	0.00000525	0.00358	0.00177	0.00335	0.000475
2088 Jun	586	0.0716	0.0909	0.017	11.9	0.237	380	0.0101	0.000967	0.00000835	0.0136	0.0162	0.419	0.0395	0.000012	110	0.0000805	0.00978	0.000776	0.00569	0.06	0.0000354	19	35.1	0.233	0.00732	9.16	0.0336	0.0316	0.000327	0.00192	0.00128	0.966	0.00000506	0.0034	0.00169	0.00325	0.000453
2088 Jul	607	0.0737	0.0933	0.0177	12.2	0.245	394	0.0105	0.001	0.00000864	0.0141	0.0168	0.433	0.0407	0.0000124	113	0.0000832	0.0101	0.0008	0.00588	0.0617	0.0000366	19.7	36.2	0.241	0.00758	9.44	0.0347	0.0326	0.000334	0.00198	0.00132	0.999	0.00000524	0.00352	0.00175	0.00336	0.000471
2088 Aug	648	0.0775	0.0982	0.019	12.6	0.262	422	0.0113	0.00105	0.00000914	0.0149	0.018	0.463	0.0429	0.0000132	121	0.0000885	0.0108	0.000847	0.00626	0.0643	0.0000389	21	38.7	0.256	0.00811	9.96	0.037	0.0337	0.000347	0.00211	0.00141	1.07	0.00000557	0.00376	0.00185	0.00356	0.000508
2088 Sep	659	0.0783	0.0991	0.0193	12.7	0.266	429	0.0115	0.00106	0.00000926	0.0151	0.0183	0.471	0.0435	0.0000134	123	0.00009	0.011	0.00086	0.00637	0.0648	0.0000396	21.4	39.4	0.26	0.00825	10.1	0.0377	0.0339	0.000348	0.00215	0.00144	1.08	0.00000565	0.00383	0.00187	0.00361	0.000515
2088 Oct	637	0.0762	0.0953	0.0186	12.3	0.258	415	0.0111	0.00103	0.00000897	0.0147	0.0177	0.457	0.0421	0.000013	119	0.0000872	0.0107	0.000831	0.00617	0.0626	0.0000384	20.7	38.1	0.252	0.00799	9.7	0.0365	0.033	0.000334	0.00208	0.00139	1.05	0.00000547	0.00371	0.00181	0.00349	0.000496
2088 Nov	633	0.076	0.0945	0.0184	12.2	0.257	412	0.011	0.00102	0.00000892	0.0146	0.0176	0.453	0.0418	0.0000129	118	0.0000866	0.0106	0.000825	0.00613	0.0622	0.0000381	20.5	37.9	0.25	0.00793	9.63	0.0363	0.0329	0.000331	0.00207	0.00138	1.04	0.00000543	0.00368	0.0018	0.00347	0.000492
2088 Dec	633	0.0761	0.0945	0.0184	12.2	0.257	412	0.011	0.00102	0.00000892	0.0146	0.0176	0.454	0.0418	0.0000129	118	0.0000866	0.0106	0.000825	0.00614	0.0622	0.0000381	20.5	37.9	0.25	0.00793	9.63	0.0363	0.033	0.000331	0.00207	0.00138	1.04	0.00000543	0.00369	0.0018	0.00347	0.000492
2089 Jan	633	0.0761	0.0945	0.0184	12.2	0.257	412	0.011	0.00102	0.00000892	0.0146	0.0176	0.454	0.0418	0.0000129	118	0.0000866	0.0106	0.000825	0.00614	0.0622	0.0000381	20.5	37.9	0.25	0.00793	9.63	0.0363	0.033	0.000331	0.00207	0.00138	1.04	0.00000544	0.00369	0.0018	0.00347	0.000492
2089 Feb	633	0.0761	0.0945	0.0184	12.2	0.257	412	0.011	0.00102	0.00000893	0.0146	0.0176	0.454	0.0419	0.0000129	118	0.0000867	0.0106	0.000826	0.00614	0.0623	0.0000381	20.5	37.9	0.25	0.00794	9.63	0.0363	0.033	0.000331	0.00207	0.00138	1.04	0.00000544	0.00369	0.0018	0.00347	0.000492
2089 Mar	634	0.0762	0.0946	0.0184	12.3	0.257	413	0.011	0.00103	0.00000894	0.0146	0.0176	0.454	0.0419	0.0000129	118	0.0000868	0.0106	0.000826	0.00615	0.0623	0.0000382	20.6	37.9	0.25	0.00795	9.65	0.0364	0.033	0.000331	0.00207	0.00138	1.04	0.00000544	0.00369	0.0018	0.00348	0.000493
2089 Apr	637	0.0766	0.095	0.0185	12.3	0.258	415	0.011	0.00103	0.00000898	0.0147	0.0177	0.457	0.0421	0.000013	119	0.0000872	0.0107	0.000831	0.00618	0.0626	0.0000384	20.7	38.1	0.251	0.00799	9.69	0.0365	0.0332	0.000333	0.00208	0.00139	1.05	0.00000547	0.00371	0.00181	0.00349	0.000496
2089 May	634	0.077	0.0945	0.0184	12.5	0.257	412	0.011	0.00104	0.00000898	0.0147	0.0176	0.453	0.0424	0.0000129	118	0.0000868	0.0106	0.000834	0.00615	0.0638	0.0000382	20.5	37.9	0.251	0.00793	9.73	0.0363	0.0337	0.000344	0.00207	0.00138	1.04	0.00000546	0.00368	0.00182	0.00349	0.000493
2089 Jun	609	0.0757	0.0906	0.0177	12.6	0.246	394	0.0106	0.00102	0.00000874	0.0142	0.0169	0.433	0.0418	0.0000125	114	0.0000835	0.0101	0.000818	0.00591	0.0647	0.0000368	19.7	36.3	0.244	0.00759	9.53	0.0347	0.0339	0.00036	0.00198	0.00133	1	0.00000528	0.00352	0.00178	0.00339	0.000473
2089 Jul	634	0.078	0.0931	0.0186	12.8	0.255	411	0.0111	0.00105	0.00000903	0.0147	0.0177	0.451	0.0431	0.0000113	124	0.0000866	0.0105	0.000845	0.00613	0.0661	0.0000381	20.5	37.8	0.253	0.00791	9.83	0.0361

Appendix D.2-6: CP7

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	62.8	0.0702	0.0829	0.00314	16.2	0.03	5.56	0.00051	0.00051	0.000005	0.00723	0.00937	0.0115	0.0162	0.000005	18.5	0.0000189	0.000284	0.000208	0.000906	0.0353	0.0000099	1.41	2.42	0.0439	0.000279	7.03	0.00129	0.0338	0.0000494	0.000159	0.0000677	0.116	0.00000232	0.0000821	0.000607	0.00168	1.4E-16
Operation (2026-2036): Mean	1140	1.59	8.54	0.103	511	0.195	199	0.000783	0.000783	0.00000704	0.0126	0.0221	0.296	0.0322	0.00000868	54.6	0.000065	0.00699	0.00052	0.0045	0.05	0.0000295	11.3	24	0.141	0.00439	323	0.0258	0.0443	0.00016	0.00131	0.000588	0.744	0.00000773	0.00259	0.00121	0.00264	0.0000719
Operation (2026-2036): Max	2330	3.32	18.5	0.211	1130	0.358	409	0.00103	0.00103	0.00000956	0.0181	0.0771	0.592	0.0496	0.0000125	98.2	0.000113	0.0144	0.000943	0.00851	0.0921	0.0000509	22.5	47.9	0.295	0.00857	686	0.0519	0.0727	0.000625	0.00259	0.00116	1.7	0.0000777	0.00568	0.00216	0.00379	0.00115
2092 Jun	494	0.063	0.06	0.014	10.3	0.201	318	0.00847	0.000866	0.00000728	0.0118	0.0136	0.352	0.0354	0.0000103	93.4	0.0000683	0.00823	0.000682	0.00485	0.0561	0.0000303	16	29.6	0.2	0.00616	7.46	0.0283	0.03	0.000316	0.00161	0.00107	0.82	0.00000434	0.00286	0.00147	0.00279	0.000376
2092 Jul	503	0.0632	0.0603	0.0144	10.2	0.205	325	0.00868	0.000872	0.00000737	0.012	0.0139	0.359	0.0356	0.0000105	95.1	0.0000693	0.00838	0.000689	0.00493	0.056	0.0000308	16.3	30.2	0.203	0.00628	7.51	0.0288	0.0298	0.000313	0.00164	0.00109	0.834	0.00000441	0.00291	0.00148	0.00283	0.000386
2092 Aug	530	0.0654	0.0625	0.0151	10.5	0.216	343	0.00913	0.000902	0.00000768	0.0125	0.0147	0.378	0.0371	0.000011	99.8	0.0000728	0.00884	0.00072	0.00518	0.0576	0.0000323	17.2	31.8	0.213	0.00662	7.79	0.0303	0.0305	0.000321	0.00173	0.00115	0.878	0.00000462	0.00307	0.00155	0.00295	0.000407
2092 Sep	535	0.0651	0.0623	0.0151	10.4	0.219	347	0.00914	0.000898	0.00000772	0.0126	0.0148	0.384	0.0373	0.0000111	101	0.0000737	0.00898	0.000725	0.00526	0.0573	0.0000327	17.4	32.2	0.215	0.00671	7.76	0.0308	0.0302	0.000318	0.00175	0.00116	0.89	0.00000464	0.00312	0.00156	0.00297	0.000408
2092 Oct	535	0.0646	0.0617	0.015	10.3	0.219	347	0.00908	0.000888	0.00000769	0.0126	0.0147	0.385	0.0371	0.000011	100	0.0000738	0.00901	0.000723	0.00527	0.0566	0.0000327	17.4	32.3	0.215	0.00671	7.68	0.0309	0.0298	0.000313	0.00175	0.00116	0.891	0.00000462	0.00313	0.00156	0.00296	0.000405
2092 Nov	535	0.0645	0.0615	0.015	10.2	0.22	347	0.00906	0.000886	0.00000769	0.0126	0.0147	0.386	0.0371	0.000011	100	0.0000738	0.00902	0.000723	0.00527	0.0565	0.0000327	17.4	32.3	0.215	0.00672	7.67	0.031	0.0298	0.000312	0.00176	0.00116	0.892	0.00000462	0.00314	0.00156	0.00296	0.000404
2092 Dec	535	0.0646	0.0615	0.015	10.2	0.22	347	0.00906	0.000887	0.00000769	0.0126	0.0147	0.386	0.0371	0.000011	100	0.0000739	0.00902	0.000723	0.00528	0.0565	0.0000327	17.4	32.3	0.215	0.00672	7.67	0.031	0.0298	0.000312	0.00176	0.00116	0.892	0.00000462	0.00314	0.00156	0.00296	0.000404
2093 Jan	535	0.0646	0.0615	0.015	10.2	0.22	347	0.00906	0.000887	0.00000769	0.0126	0.0147	0.386	0.0371	0.000011	100	0.0000739	0.00903	0.000723	0.00528	0.0565	0.0000327	17.4	32.3	0.215	0.00672	7.67	0.031	0.0298	0.000312	0.00176	0.00116	0.892	0.00000462	0.00314	0.00156	0.00296	0.000404
2093 Feb	535	0.0646	0.0615	0.015	10.2	0.22	347	0.00906	0.000887	0.00000769	0.0126	0.0147	0.386	0.0371	0.000011	100	0.0000739	0.00903	0.000723	0.00528	0.0566	0.0000328	17.4	32.3	0.215	0.00672	7.67	0.031	0.0298	0.000312	0.00176	0.00116	0.892	0.00000462	0.00314	0.00156	0.00296	0.000405
2093 Mar	537	0.0647	0.0617	0.015	10.3	0.221	348	0.00909	0.000889	0.00000771	0.0126	0.0148	0.387	0.0372	0.0000111	101	0.0000741	0.00905	0.000725	0.00529	0.0567	0.0000328	17.5	32.4	0.215	0.00674	7.69	0.0311	0.0299	0.000313	0.00176	0.00117	0.895	0.00000463	0.00315	0.00157	0.00297	0.000406
2093 Apr	540	0.0651	0.062	0.0151	10.3	0.222	350	0.00913	0.000894	0.00000775	0.0127	0.0148	0.389	0.0374	0.0000111	101	0.0000745	0.0091	0.000729	0.00532	0.057	0.000033	17.6	32.6	0.216	0.00678	7.73	0.0313	0.03	0.000314	0.00177	0.00117	0.899	0.00000466	0.00317	0.00157	0.00299	0.000408
2093 May	544	0.0658	0.0625	0.0152	10.5	0.224	353	0.00921	0.000904	0.00000783	0.0128	0.015	0.392	0.0379	0.0000112	102	0.0000751	0.00917	0.000738	0.00537	0.058	0.0000333	17.7	32.9	0.219	0.00683	7.82	0.0315	0.0305	0.000322	0.00179	0.00118	0.907	0.0000047	0.00319	0.00159	0.00302	0.000411
2093 Jun	509	0.0633	0.0585	0.0143	10.4	0.208	329	0.00867	0.000876	0.00000744	0.0121	0.014	0.364	0.0365	0.0000106	96.2	0.0000704	0.00852	0.000706	0.00501	0.0576	0.0000312	16.5	30.6	0.207	0.00635	7.52	0.0293	0.0302	0.00033	0.00167	0.00111	0.848	0.00000444	0.00296	0.00152	0.00286	0.000386
2093 Jul	534	0.0657	0.0609	0.0152	10.6	0.217	345	0.00919	0.000909	0.00000774	0.0126	0.0148	0.38	0.0378	0.0000111	101	0.0000733	0.0089	0.000734	0.00522	0.0593	0.0000325	17.3	32	0.216	0.00666	7.83	0.0305	0.0309	0.000339	0.00174	0.00116	0.885	0.00000465	0.00309	0.00158	0.00298	0.00041
2093 Aug	557	0.0677	0.0629	0.0159	10.8	0.226	361	0.00964	0.000936	0.000008	0.013	0.0155	0.397	0.039	0.0000115	105	0.0000762	0.00927	0.000759	0.00543	0.0606	0.0000337	18.1	33.4	0.225	0.00695	8.09	0.0318	0.0314	0.000345	0.00181	0.00121	0.922	0.00000483	0.00322	0.00163	0.00308	0.000431
2093 Sep	563	0.0679	0.063	0.0161	10.8	0.228	365	0.00974	0.000936	0.00000805	0.0131	0.0156	0.402	0.0392	0.0000116	106	0.000077	0.00939	0.000764	0.00549	0.0604	0.0000341	18.3	33.8	0.227	0.00704	8.1	0.0322	0.0312	0.000342	0.00183	0.00123	0.932	0.00000487	0.00327	0.00164	0.0031	0.000436
2093 Oct	542	0.066	0.06	0.0155	10.3	0.221	352	0.00937	0.000901	0.00000775	0.0126	0.015	0.388	0.0376	0.0000111	102	0.0000742	0.00906	0.000733	0.0053	0.0577	0.0000328	17.6	32.5	0.218	0.00679	7.77	0.0311	0.0301	0.000322	0.00177	0.00118	0.899	0.00000469	0.00315	0.00158	0.00298	0.000419
2093 Nov	536	0.0657	0.0591	0.0153	10.2	0.218	348	0.00925	0.000892	0.00000767	0.0125	0.0149	0.383	0.0371	0.000011	101	0.0000733	0.00895	0.000723	0.00524	0.0569	0.0000325	17.4	32.2	0.215	0.00671	7.66	0.0307	0.0299	0.000315	0.00174	0.00117	0.888	0.00000464	0.00311	0.00155	0.00294	0.000413
2093 Dec	536	0.0657	0.0591	0.0153	10.2	0.218	348	0.00925	0.000892	0.00000767	0.0125	0.0149	0.383	0.0371	0.000011	101	0.0000733	0.00896	0.000723	0.00524	0.0569	0.0000325	17.4	32.2	0.215	0.00671	7.66	0.0307	0.0299	0.000315	0.00175	0.00117	0.888	0.00000464	0.00312	0.00155	0.00294	0.000413
2094 Jan	536	0.0658	0.0591	0.0153	10.2	0.218	348	0.00925	0.000892	0.00000768	0.0125	0.0149	0.383	0.0371	0.000011	101	0.0000734	0.00896	0.000723	0.00524	0.0569	0.0000325	17.4	32.2	0.215	0.00672	7.67	0.0307	0.0299	0.000315	0.00175	0.00117	0.888	0.00000464	0.00312	0.00156	0.00294	0.000413
2094 Feb	536	0.0658	0.0591	0.0153	10.2	0.218	348	0.00925	0.000892	0.00000768	0.0125	0.0149	0.383	0.0371	0.000011	101	0.0000734	0.00896	0.000724	0.00524	0.0569	0.0000325	17.4	32.2	0.215	0.00672	7.67	0.0307	0.0299	0.000315	0.00175	0.00117	0.888	0.00000464	0.00312	0.00156	0.00294	0.000413
2094 Mar	537	0.0659	0.0591	0.0153	10.2	0.219	348	0.00926	0.000893	0.00000769	0.0126	0.0149	0.384	0.0372	0.000011	101	0.0000735	0.00897	0.000725	0.00525	0.057	0.0000325	17.4	32.2	0.215	0.00673	7.68	0.0308	0.0299	0.000316	0.00175	0.00117	0.89	0.00000465	0.00312	0.00156	0.00295	0.000414
2094 Apr	539	0.0661	0.0593	0.0153	10.2	0.219	350	0.00929	0.000896	0.00000771	0.0126	0.0149	0.385	0.0373	0.0000111	101	0.0000737	0.009	0.000727	0.00527	0.0572	0.0000327	17.5	32.3	0.216	0.00675	7.7	0.0309	0.03	0.000317	0.00175	0.00117	0.893	0.00000466	0.00313	0.00156	0.00296	0.000416
2094 May	535	0.066	0.0588	0.0152	10.3	0.218	346	0.00922	0.000896	0.00000768	0.0125	0.0148	0.382	0.0374	0.000011	101	0.0000732	0.00893	0.000727	0.00523	0.0578	0.0000324	17.4	32.1	0.215	0.00669	7.7	0.0306	0.0302	0.000324	0.00174	0.00116	0.886	0.00000463	0.0031	0.00156	0.00295	0.000412
2094 Jun	523	0.0658	0.0575	0.0149	10.5	0.212	338	0.00905	0.000894	0.00000758	0.0123	0.0145	0.372	0.0374	0.0000108	99.1	0.0000717	0.00869	0.000724	0.00511	0.059	0.0000317	17	31.3	0.212	0.00652	7.67	0.0298	0.0306	0.00034	0.0017	0.00114	0.867	0.00000456	0.00302	0.00155	0.00291	0.000404
2094 Jul	563	0.07	0.0614	0.0163	11	0.226	365	0.00989	0.000949	0.00000806	0.0131	0.0157	0.399	0.0396	0.0000116	107	0.0000765	0.00931	0.00077	0.00546	0.0619	0.0000338	18.2	33.6	0.228	0.00702	8.19	0.0319	0.0318	0.000355	0.00182	0.00123	0.928	0.00000489	0.00324	0.00165	0.00309	0.000443
2094 Aug	601	0.074	0.065	0.0174	11.5	0.242	390	0.0106	0.001	0.00000855	0.0139	0.0168	0.426	0.0419	0.0000123	114	0.0000814	0.00994	0.000817	0.00581	0.065	0.0000356	19.5	35.8	0.242	0.00749	8.67	0.034	0.0333	0.000372	0.00194	0.00131	0.99	0.0000052	0.00346	0.00175	0.00328	0.000473
2094 Sep	605	0.0739	0.0649	0.0175	11.4	0.243	393	0.0106	0.000998	0.00000857	0.0139	0.0169	0.429	0.0419	0.0000124	114	0.0000819	0.01	0.000819	0.00585	0.0645	0.0000362	19.6	36.1	0.244	0.00756	8.65	0.0343	0.033	0.000367	0.00196	0.00132	0.997	0.0000052	0.00349	0.00175	0.00329	0.000477
2094 Oct	592	0.0723	0.0628	0.0171	11	0.239	385	0.0104	0.00097	0.00000835	0.0136	0.0165	0.421	0.0407	0.0000121	112	0.0000801	0.00982	0.000797	0.00573	0.0622	0.0000354	19.2	35.3	0.238	0.0074	8.4	0.0336	0.0319	0.000351	0.00191	0.00129	0.976	0.0000051	0.00342	0.0017	0.0032	0.000466
2094 Nov	575	0.0708	0.0606	0.0166	10.7	0.232	374	0.0101	0.000943	0.00000813	0.0133	0.016	0.409	0.0395	0.0000117	108	0.0000779	0.00956	0.000772	0.00558	0.0603	0.0000345	18.7	34.4	0.23	0.0072	8.13	0.0327	0.0312	0.000336	0.00186	0.00126	0.949	0.00000496	0.00332	0.00165	0.00311	0.000451
2094 Dec	573	0.0707	0.0604	0.0165	10.6	0.232	372	0.01	0.000941	0.00000811	0.0132	0.016	0.408	0.0394	0.0000117	108	0.0000777	0.00953	0.00077	0.00556	0.0601	0.0000344	18.6	34.3	0.23	0.00718	8.11	0.0326	0.0312	0.000335	0.00185	0.00125	0.946	0.00000494	0.00331	0.00165	0.0031	0.00045
2095 Jan	573	0.0707	0.0603	0.0165	10.6	0.232	372	0.01	0.000941	0.00000811	0.0132	0.016	0.408	0.0394	0.0000117	108	0.0000777	0.00953	0.00077	0.00556	0.0601	0.0000344	18.6	34.3	0.23	0.00718	8.11	0.0326	0.0312	0.000335	0.00186	0.00125	0.946	0.00000494	0.00331	0.00165	0.0031	0.00045
2095 Feb	573	0.0707	0.0604	0.0165	10.6	0.232	373	0.01	0.000941	0.00000811	0.0132	0.016	0.408	0.0394	0.0000117	108	0.0000777	0.00953	0.00077	0.00556	0.0601	0.0000344	18.6	34.3	0.23	0.00718	8.11	0.0326	0.0312	0.000335	0.00186	0.00125	0.946	0.00000494	0.00331	0.00165	0.0031	0.00045
2095 Mar	574	0.0708	0.0604	0.0165	10.6	0.232	373	0.01	0.000942	0.00000812	0.0133	0.016	0.408	0.0394	0.0000117	108	0.0000778	0.00954	0.000771	0.00557	0.0602	0.0000344	18.6	34.3	0.23	0.00719	8.12	0.0327	0.0312	0.000335	0.00186	0.00125	0.947	0.00000495	0.00332	0.00165	0.0031	0.00045
2095 Apr	576	0.0711	0.0607	0.0166	10.7	0.233	375	0.0101	0.000946	0.00000815	0.0133	0.0161	0.41	0.0396	0.0000118	109	0.0000781	0.00958	0.000774	0.00559	0.0605	0.0000346	18.7	34.5	0.231	0.00722	8.15	0.0328	0.0313	0.000337	0.00187	0.00126	0.951	0.00000497	0.00333	0.00166	0.00312	0.000452
2095 May	575	0.0713	0.0606	0.0166	10.8	0.232	373	0.0101	0.000949	0.00000815	0.0133	0.0161	0.408	0.0397	0.0000117	109	0.0000778	0.00953	0.000775	0.00557	0.061	0.0000345	18.6	34.3	0.231	0.00719	8.18	0.0326	0.0315	0.000342	0.00186	0.00126	0.947	0.00000496	0.00331	0.00166	0.00311	0.000452
2095 Jun	576	0.0723	0.0608	0.0167	11	0.232	373	0.0102	0.000963	0.0000082	0.0133	0.0161	0.408	0.0402	0.0000118	109	0.0000781	0.00952	0.000783	0.00557	0.0624	0.0000345	18.7	34.3	0.232	0.00719	8.29	0.0326	0.0322	0.000355	0.00186	0.00126	0.948	0.00000505	0.00331	0.00167	0.00313	0.000455
2095 Jul	616	0.0767	0.0648	0.0182	11.5	0.246	400	0.011	0.00102	0.00000869	0.0141	0.0174	0.434	0.0424	0.0000126	117	0.0000827	0.0101	0.000829	0.00591	0.0653	0.0000366	20	36.5	0.247	0.00769	8.83	0.0346	0.0335	0.00037	0.00198	0.00135	1.01	0.00000534	0.00352	0.00177	0.00332	0.000496
2095 Aug	623	0.0767	0.065	0.0185	11.3	0.248	405	0.0112	0.00102	0.00000872	0.0141	0.0176	0.439	0.0423	0.0000126	118	0.0000832	0.0102	0.000831	0.00596	0.0647	0.0000368	20.2	36.9	0.249	0.00778	8.85	0.0349	0.033	0.000364	0.002	0.00137	1.02	0.00000538	0.00356	0.00177	0.00333	0.000505
2095 Sep	629	0.0767	0.0651	0.0186	11.3	0.25	409	0.0113	0.00102	0.00000875	0.0142	0.0178	0.443	0.0424	0.0000127	119	0.0000839	0.0103	0.000834	0.006	0.0644	0.0000371	20.4	37.2	0.251	0.00785	8.86	0.0353	0.0327	0.000361	0.00201	0.00138	1.03	0.00000541	0.00359	0.00178	0.00334	0.000509
2095 Oct	632	0.0765	0.0651	0.0187	11.2	0.252	412	0.0114	0.00101	0.00000876	0.0142	0.0178	0.446	0.0424	0.0000127	119	0.0000842	0.0104	0.000835	0.00603	0.0639	0.0000372	20.5	37.4	0.252	0.0079	8.84	0.0355	0.0324	0.000357	0.00202	0.00139	1.03	0.00000542	0.00361	0.00178	0.00335	0.000512
2095 Nov	627	0.0759	0.0643	0.0186	11	0.25	409	0.0113	0.001	0.00000868	0.0141	0.0177	0.442	0.0419	0.0000126	118	0.0000835	0.0103	0.000827	0.00598	0.0631	0.0000369	20.3	37.1	0.249	0.00784	8.75	0.0352	0.032	0.000351	0.00201	0.00138	1.02	0.00000537	0.00359	0.00176	0.00331	0.000508
2095 Dec	625	0.0758	0.0641	0.0185	11	0.249	408	0.0112	0.001	0.00000866	0.0141	0.0177	0.441	0.0419	0.0000126	118	0.0000833	0.0103	0.000825	0.00597	0.063	0.0000368	20.3	37	0.249	0.00782	8.73	0.0352	0.032	0.00035	0.002	0.00137	1.02	0.00000536	0.00358	0.00176	0.00331	0.000507
2096 Jan	625	0.0759	0.0641	0.0185	11	0.25	408	0.0112	0.001	0.00000866	0.0141	0.0177	0.442	0.0419	0.0000126	118	0.0000833	0.0103	0.000825	0.00597	0.063	0.0000368	20.3	37.1	0.249	0.00782	8.73	0.0352	0.032	0.00035	0.002	0.00137	1.02	0.00000536	0.00358	0.00176	0.00331	0.000507
2096 Feb	626	0.0759	0.0641	0.0185	11	0.25	408	0.0113	0.001	0.00000867	0.0141	0.0177	0.442	0.0419	0.0000126	118	0.0000834	0.0103	0.000826	0.00598	0.063	0.0000368	20.3	37.1	0.249	0.00783	8.73	0.0352	0.032	0.00035	0.00201	0.00137	1.02	0.00000537	0.00358	0.00176	0.00331	0.000507
2096 Mar	626	0.076	0.0642	0.0186	11	0.25	408	0.0113	0.001	0.00000868	0.0141	0.0177	0.442	0.0419	0.0000126	118	0.0000834	0.0103	0.000826	0.00598	0.0631	0.0000369	20.3	37.1	0.249	0.00783	8.74	0.0352	0.0321	0.00035	0.00201	0.00137	1.02	0.00000537	0.00358	0.00176	0.00331	0.000508
2096 Apr	629	0.0763	0.0645	0.0186	11.1	0.251	410	0.0113	0.00101	0.00000871	0.0142	0.0178	0.444	0.0421	0.0000127	119	0.0000838	0.0103	0.00083	0.00601	0.0633	0.000037	20.4	37.3	0.25	0.00787	8.78	0.0353	0.0322	0.000352	0.00202	0.00138	1.03	0.00000539	0.0036	0.00177	0.00332	0.00051
2096 May	632	0.0766	0.0646	0.0187	11.1	0.253	412	0.0113	0.00101	0.00000876	0.0143	0.0178	0.447	0.0425	0.0000128	119	0.0000844	0.0104	0.000837	0.00605	0.0639	0.0000373	20.5	37.5	0.252	0.00791	8.82	0.0356	0.0324	0.000356	0.00203	0.00139	1.03	0.00000542	0.00362	0.00178	0.00335	0.000511
2096 Jun	567	0.069	0.0577	0.0168	10.3	0.226	369	0.0102	0.000948	0.00000803	0.013	0.016	0.399	0.0386	0.0000116	107	0.0000762	0.00929	0.000755	0.00542	0.0594	0.0000336	18.4	33.5	0.227	0.00707	8.02	0.0318	0.0308	0.000331	0.00182	0.00124	0.926	0.00000493	0.00323	0.00162	0.00308	0.00046
2096 Jul	587	0.0799	0.0596	0.0177	10.4	0.232	382	0.0108	0.000979	0.00000827	0.0134	0.0167	0.411	0.0394	0.000012	111	0.0000783	0.00956	0.000774	0.00556	0.0605	0.0000346	19	34.5	0.234	0.00731	8.28	0.0326	0.0314	0.000334	0.00188	0.00129	0.953	0.00000511	0.00333	0.00166	0.00317	0.000484
2096 Aug	618	0.0742	0.0626	0.0187	10.8	0.244	403	0.0114	0.00102	0.00000867	0.014	0.0176	0.433	0.0412	0.0000126	117	0.0000823	0.0101	0.000811	0.00585	0.0629	0.0000363	20	36.3	0.246	0.00771	8.69	0.0343	0.0325	0.000346	0.00197	0.00136	1	0.00000538	0.0035	0.00174	0.00332	0.000513
2096 Sep	616	0.0738	0.062	0.0187	10.6	0.243	402	0.0114	0.00101	0.00000861	0.0139	0.0176	0.431	0.0408	0.0000125	117	0.0000818	0.01	0.000804	0.00582	0.0618	0.0000361	19.9	36.2	0.244	0.00769	8.61	0.0342	0.032	0.000338	0.00197	0.00136	0.998	0.00000535	0.00349	0.00172	0.00329	0.000513
2096 Oct	595	0.0719	0.0594	0.0181	10.2	0.235	388	0.011	0.000979	0.00000831	0.0135	0.017	0.417	0.0392	0.0000121	113	0.000079	0.00969	0.000773	0.00562	0.0592	0.0000349	19.3	35	0.235	0.00743	8.28	0.0331	0.0309	0.000319	0.0019	0.00131	0.964	0.00000517	0.00337	0.00166	0.00317	0.000495
2096 Nov	594	0.0718	0.0591	0.018	10.1	0.235	388	0.011	0.000977	0.00000829	0.0134	0.0169	0.416	0.0391	0.0000121	112	0.0000789	0.00967	0.000771	0.00561	0.059	0.0000348	19.2	34.9	0.234	0.00741	8.25	0.033	0.0308	0.000317	0.00189	0.00131	0.962	0.00000515	0.00337	0.00165	0.00316	0.000494
2096 Dec	594	0.0718	0.0591	0.018	10.1	0.235	388	0.011	0.000977	0.00000829	0.0134	0.0169	0.416	0.0391	0.0000121	112	0.0000789	0.00967	0.000771	0.00561	0.059	0.0000348	19.2	34.9	0.235	0.00742	8.25	0.033	0.0309	0.000317	0.00189	0.00131	0.962	0.00000515	0.00337	0.00165	0.00316	0.000494
2097 Jan	594	0.0718	0.0591	0.018	10.1	0.235	388	0.011	0.000977	0.00000829	0.0134	0.0169	0.416	0.0391	0.0000121	112	0.0000789	0.00967	0.000771	0.00561	0.059	0.0000348	19.2	34.9	0.235	0.00742	8.25	0.033	0.0309	0.000317	0.00

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
Active Closure (2037-2043): Min	678	0.332	0.492	0.0461	20.1	0.0342	372	0.028	0.00164	0.00000705	0.00645	0.0275	0.123	0.0115	0.0000116	127	0.0000224	0.00168	0.00028	0.000632	0.0355	0.00000873	15.4	12.2	0.171	0.00548	32.1	0.00123	0.00374	0.0000737	0.000707	0.00151	0.348	0.00000681	0.000544	0.000471	0.00219	0.0013
Active Closure (2037-2043): Mean	2710	8.28	16	0.144	612	0.0868	1150	0.0817	0.00386	0.0000191	0.0116	0.0936	0.418	0.0368	0.0000409	396	0.0000635	0.00866	0.00101	0.00321	0.0578	0.0000144	57.2	82.7	0.728	0.0165	369	0.0241	0.0126	0.000184	0.00202	0.00512	1.19	0.0000276	0.00447	0.00163	0.00463	0.00392
Active Closure (2037-2043): Max	11700	70.5	135	0.236	5160	0.116	1810	0.107	0.00795	0.0000814	0.0346	0.282	1.14	0.239	0.00022	837	0.000387	0.0584	0.00462	0.0292	0.0703	0.0000179	229	537	3.97	0.0211	3020	0.309	0.0282	0.000781	0.00419	0.0149	3.85	0.000168	0.0437	0.0124	0.0149	0.00508
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Post Closure (2044-2099): Min	721	0.0588	0.0644	0.0238	3.89	0.0788	487	0.0137	0.000711	0.00000816	0.00976	0.0222	0.334	0.0215	0.000013	135	0.0000388	0.00465	0.000691	0.00129	0.032	0.0000141	23.2	32.2	0.267	0.00904	7.78	0.00319	0.0076	0.0000952	0.00172	0.00165	0.918	0.00000586	0.00153	0.000825	0.00312	0.000643
Post Closure (2044-2099): Mean	1040	0.234	0.941	0.0448	53	0.348	660	0.0212	0.00104	0.0000103	0.0164	0.03	0.655	0.042	0.0000169	179	0.000111	0.0149	0.000964	0.008	0.0391	0.0000476	31.2	53.6	0.348	0.0122	42.3	0.05	0.0115	0.000142	0.00291	0.00222	1.46	0.00000765	0.00522	0.00203	0.00396	0.000996
Post Closure (2044-2099): Max	1700	0.913	4.81	0.143	271	0.455	1150	0.0853	0.00376	0.0000154	0.0204	0.0841	0.838	0.0524	0.0000295	382	0.000143	0.0195	0.00119	0.0105	0.0597	0.0000616	47	68	0.518	0.0169	185	0.0666	0.019	0.000271	0.00369	0.00463	1.84	0.0000185	0.00682	0.00259	0.00479	0.00403
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	1880	3.77	16.8	0.503	915	0.473	274	0.001	0.001	0.0000017	0.00638	0.0112	0.387	0.0572	0.0000172	76.4	0.000104	0.00489	0.000365	0.00273	0.0224	0.00001	29.5	22.7	0.918	0.00269	601	0.0182	0.17	0.000126	0.000424	0.0003318	5.39	0.000322	0.0037	0.000283	0.00528	0.0049
2026 Feb	1830	3.66	16.3	0.488	890	0.46	266	0.001	0.001	0.0000167	0.00637	0.011	0.377	0.0577	0.0000172	75.8	0.000102	0.00477	0.000393	0.00271	0.0271	0.00001	28.8	22.3	0.897	0.00267	584	0.0178	0.167	0.00015	0.000425	0.0003313	5.24	0.000312	0.0036	0.000353	0.00518	0.00476
2026 Mar	1800	3.6	16	0.479	875	0.452	262	0.001	0.001	0.0000165	0.00638	0.0226	0.37	0.058	0.0000172	75.5	0.0001	0.0047	0.00041	0.0027	0.03	0.00001	28.3	22	0.884	0.00265	574	0.0175	0.165	0.000165	0.000426	0.0003315	5.15	0.000306	0.0035	0.000397	0.00513	0.00468
2026 Apr	1790	3.57	15.9	0.475	869	0.448	260	0.00101	0.00101	0.0000165	0.00641	0.076	0.368	0.0586	0.0000174	75.7	0.0000998	0.00468	0.000425	0.00271	0.0323	0.0000101	28.1	22	0.88	0.00266	570	0.0174	0.165	0.000177	0.000428	0.0003309	5.12	0.000304	0.00352	0.000431	0.00511	0.00465
2026 May	1810	3.61	16.1	0.48	878	0.453	263	0.00103	0.00103	0.0000167	0.00656	0.0872	0.372	0.0599	0.0000178	77.1	0.000101	0.00474	0.000441	0.00276	0.0343	0.0000103	28.5	22.3	0.891	0.00271	577	0.0177	0.167	0.000189	0.000438	0.0003314	5.17	0.000307	0.00357	0.000462	0.00519	0.0047
2026 Jun	153	0.149	0.49	0.0153	62.8	0.0365	23.6	0.000889	0.000889	0.0000654	0.00675	0.00575	0.0444	0.0167	0.0000157	14	0.0000246	0.000552	0.000236	0.000857	0.0356	0.0000889	2.42	2.78	0.0531	0.00153	40.1	0.00292	0.0456	0.000117	0.000391	0.0000614	0.315	0.000102	0.000492	0.00098	0.00235	0.000477
2026 Jul	105	0.0555	0.0759	0.00294	40.1	0.0274	16.9	0.000859	0.000859	0.0000608	0.00619	0.0104	0.0343	0.0153	0.0000151	12	0.0000194	0.000413	0.00022	0.000815	0.0349	0.0000859	1.68	2.2	0.0288	0.00147	25.3	0.00244	0.041	0.000106	0.000354	0.0000526	0.181	0.00000228	0.000399	0.000902	0.00207	0.000354
2026 Aug	99.3	0.0615	0.0696	0.00272	38.8	0.0346	16.3	0.000793	0.000793	0.0000562	0.00487	0.0108	0.0323	0.0155	0.000014	12.5	0.0000107	0.000368	0.000204	0.000836	0.0313	0.0000793	1.62	2.15	0.0244	0.00147	23.8	0.00224	0.0372	0.000735	0.000246	0.0000517	0.173	0.00000211	0.000372	0.000657	0.00151	0.000327
2026 Sep	93.1	0.0654	0.064	0.0025	36.4	0.0334	15.2	0.000731	0.000731	0.0000517	0.00465	0.0168	0.0302	0.0147	0.0000129	12.1	0.00000967	0.000345	0.00019	0.000786	0.0285	0.0000731	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0349	0.0000578	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000592	0.00134	0.000301
2026 Oct	117	0.125	0.0756	0.00298	45.5	0.0439	19.2	0.000869	0.000869	0.0000615	0.00706	0.00724	0.0363	0.0194	0.0000153	16.4	0.0000152	0.000428	0.000242	0.00106	0.0378	0.0000869	1.88	2.65	0.0256	0.00181	26.8	0.00247	0.0493	0.0000464	0.000224	0.0000522	0.201	0.00000231	0.000428	0.000724	0.00147	0.000359
2026 Nov	121	0.131	0.0778	0.00306	46.9	0.0454	19.8	0.000895	0.000895	0.0000633	0.00734	0.00637	0.0374	0.02	0.0000158	16.9	0.0000158	0.000441	0.00025	0.0011	0.0391	0.0000895	1.94	2.74	0.0263	0.00187	27.6	0.00254	0.0512	0.0000466	0.000229	0.0000534	0.207	0.00000238	0.000442	0.000746	0.00151	0.000369
2026 Dec	121	0.132	0.0781	0.00308	47.1	0.0456	19.9	0.000898	0.000898	0.0000636	0.00738	0.00625	0.0375	0.0201	0.0000158	17	0.0000159	0.000443	0.000251	0.00111	0.0393	0.0000898	1.94	2.76	0.0264	0.00188	27.7	0.00255	0.0514	0.0000466	0.000229	0.0000536	0.208	0.00000239	0.000443	0.000749	0.00151	0.00037
2027 Jan	122	0.134	0.0814	0.00309	47.4	0.0455	20	0.000901	0.000899	0.0000637	0.00739	0.00621	0.0376	0.0204	0.0000159	17.2	0.0000159	0.000447	0.000256	0.00111	0.0399	0.0000899	1.96	2.8	0.0273	0.00189	27.8	0.00257	0.0516	0.0000503	0.000231	0.0000543	0.209	0.0000024	0.000445	0.000758	0.00152	0.000371
2027 Feb	123	0.135	0.0831	0.00309	47.7	0.0455	20.1	0.000903	0.0009	0.0000638	0.00738	0.00619	0.0377	0.0207	0.0000159	17.5	0.000016	0.000451	0.000263	0.00112	0.0408	0.00009	1.98	2.84	0.0285	0.00189	28	0.00259	0.0517	0.0000557	0.000232	0.0000551	0.211	0.0000024	0.000447	0.000771	0.00152	0.000372
2027 Mar	124	0.135	0.0834	0.0031	47.9	0.0454	20.1	0.000904	0.000901	0.0000639	0.00738	0.00618	0.0377	0.021	0.0000159	17.7	0.000016	0.000454	0.000267	0.00113	0.0414	0.00000901	1.99	2.87	0.0293	0.00189	28.1	0.0026	0.0518	0.0000594	0.000234	0.0000555	0.212	0.0000024	0.000448	0.00078	0.00153	0.000373
2027 Apr	125	0.136	0.084	0.00312	48.3	0.0456	20.3	0.000909	0.000907	0.0000643	0.00742	0.00621	0.0379	0.0212	0.000016	17.9	0.0000162	0.000458	0.000272	0.00113	0.042	0.00000906	2.01	2.91	0.03	0.0019	28.3	0.00262	0.0522	0.0000624	0.000236	0.0000561	0.214	0.0000024	0.000451	0.00079	0.00154	0.000376
2027 May	128	0.143	0.0892	0.00333	49.5	0.0463	20.9	0.000927	0.000922	0.0000654	0.00753	0.0274	0.0387	0.0218	0.0000163	18.4	0.0000166	0.000479	0.000281	0.00116	0.0432	0.00000921	2.07	3.02	0.0318	0.00194	29	0.0027	0.0531	0.0000683	0.000241	0.0000594	0.219	0.0000024	0.000461	0.000814	0.00157	0.000383
2027 Jun	182	0.443	0.716	0.00621	72.8	0.0308	30	0.00127	0.0009	0.0000682	0.00682	0.0222	0.0453	0.0186	0.0000182	18.4	0.0000238	0.000861	0.000288	0.00107	0.0356	0.0000863	3.07	5.32	0.0577	0.00185	44.8	0.00441	0.0429	0.0000112	0.000401	0.0000143	0.233	0.0000346	0.000682	0.0011	0.00221	0.000447
2027 Jul	1200	6.76	12.6	0.0324	510	0.0382	191	0.00903	0.00153	0.0000134	0.00887	0.0498	0.142	0.0381	0.0000358	91.7	0.0000586	0.00631	0.000687	0.00367	0.0364	0.00000897	23.2	53.2	0.423	0.00332	306	0.0321	0.0378	0.000175	0.000741	0.00151	0.56	0.000189	0.00451	0.00215	0.00336	0.000832
2027 Aug	2380	14	25.6	0.0782	1010	0.0567	385	0.0175	0.00227	0.0000212	0.0113	0.0987	0.255	0.0651	0.0000564	182	0.000105	0.0134	0.00124	0.00705	0.0376	0.00000925	46.6	109	0.885	0.00505	608	0.0647	0.032	0.000252	0.0011	0.00317	0.982	0.0000387	0.00884	0.00352	0.00457	0.00134
2027 Sep	2720	16.2	30	0.079	1160	0.0648	437	0.0204	0.0025	0.0000235	0.0128	0.092	0.288	0.0726	0.0000622	207	0.000112	0.0148	0.00135	0.0079	0.0409	0.00000961	53.5	125	0.987	0.00575	697	0.0737	0.0368	0.000237	0.00115	0.00359	1.08	0.0000429	0.0102	0.0037	0.00466	0.00143
2027 Oct	4110	25	47.4	0.092	1770	0.07	649	0.0318	0.00336	0.0000323	0.0167	0.112	0.42	0.0969	0.0000853	304	0.00015	0.0212	0.00179	0.0111	0.0473	0.0000105	81.4	191	1.44	0.00785	1060	0.111	0.0375	0.000303	0.00158	0.00534	1.48	0.0000615	0.0156	0.00484	0.00611	0.00185
2027 Nov	4660	28.5	54.4	0.0968	2010	0.0711	734	0.0364	0.00371	0.0000359	0.0182	0.12	0.473	0.106	0.0000946	343	0.000165	0.0238	0.00197	0.0123	0.0495	0.0000109	92.6	218	1.61	0.00867	1200	0.126	0.0371	0.000331	0.00176	0.00604	1.63	0.0000689	0.0178	0.00529	0.00672	0.00201
2027 Dec	4660	28.5	54.5	0.0958	2010	0.071	733	0.0364	0.00371	0.0000359	0.0182	0.119	0.473	0.106	0.0000946	343	0.000164	0.0237	0.00196	0.0123	0.0497	0.0000111	92.6	218	1.61	0.00868	1200	0.126	0.0375	0.000333	0.00176	0.00603	1.63	0.0000688	0.0178	0.00528	0.00672	0.00201
2028 Jan	4630	28.3	54	0.0949	1990	0.0707	727	0.0362	0.00369	0.0000357	0.0182	0.118	0.469	0.106	0.000094	340	0.000163	0.0235	0.00195	0.0122	0.0503	0.0000111	91.9	216	1.6	0.00864	1190	0.125	0.0378	0.000331	0.00175	0.00598	1.62	0.0000683	0.0176	0.00525	0.00668	0.002
2028 Feb	4600	28.1	53.7	0.0943	1980	0.0705	723	0.0359	0.00368	0.0000355	0.0181	0.117	0.467	0.106	0.0000936	338	0.000162	0.0234	0.00195	0.0122	0.0511	0.0000111	91.3	215	1.59	0.0086	1190	0.124	0.038	0.000335	0.00175	0.00595	1.61	0.0000679	0.0175	0.00524	0.00666	0.00199
2028 Mar	4580	28	53.5	0.0939	1970	0.0703	720	0.0358	0.00366	0.0000354	0.018	0.117	0.465	0.105	0.0000933	337	0.000162	0.0233	0.00195	0.0121	0.0516	0.0000109	91	214	1.58	0.00858	1180	0.124	0.0382	0.000338	0.00174	0.00592	1.61	0.0000676	0.0175	0.00523	0.00664	0.00199
2028 Apr	4580	28	53.5	0.0939	1970	0.0704	720	0.0358	0.00367	0.0000354	0.0181	0.117	0.465	0.106	0.0000934	337	0.000162	0.0233	0.00195	0.0121	0.0521	0.0000111	91	214	1.58	0.00859	1180	0.124	0.0384	0.00034	0.00174	0.00592	1.61	0.0000676	0.0175	0.00524	0.00665	0.00199
2028 May	4630	28.3	54	0.095	2000	0.0713	728	0.0362	0.00371	0.0000358	0.0183	0.138	0.47	0.107	0.0000945	341	0.000163	0.0235	0.00198	0.0123	0.053	0.0000111	91.9	216	1.6	0.00869	1190	0.125	0.039	0.000346	0.00176	0.00598	1.63	0.0000683	0.0177	0.0053	0.00672	0.00201
2028 Jun	1270	7.08	13.3	0.0306	546	0.0419	203	0.00951	0.00157	0.0000145	0.00954	0.0713	0.158	0.0414	0.0000412	96.5	0.0000604	0.00649	0.000753	0.00385	0.0377	0.00000922	24.6	55.9	0.438	0.00402	328	0.0339	0.0415	0.000179	0.000828	0.00155	0.628	0.0000194	0.00486	0.00239	0.00358	0.000986
2028 Jul	4140	24.8	47.6	0.0819	1800	0.0573	645	0.0319	0.00334	0.0000327	0.0162	0.126	0.425	0.0936	0.0000885	299	0.000148	0.0207	0.00176	0.0107	0.0453	0.0000106	81.4	190	1.41	0.00809	1070	0.11	0.0339	0.000341	0.00173	0.00525	1.48	0.0000601	0.0157	0.005	0.00665	0.00197
2028 Aug	6340	38.3	72.7	0.143	2750	0.0826	993	0.0484	0.0048	0.0000475	0.022	0.215	0.634	0.14	0.000127	461	0.000227	0.0326	0.00268	0.0165	0.0539	0.0000125	125	293	2.2	0.0114	1630	0.17	0.0313	0.000486	0.00245	0.00819	2.21	0.0000939	0.0238	0.00735	0.00919	0.00285
2028 Sep	5620	33.6	62.1	0.167	2430	0.0951	896	0.0415	0.00436	0.0000431	0.02	0.207	0.566	0.134	0.000116	419	0.000221	0.0307	0.00261	0.0155	0.049	0.0000116	110	258	2.04	0.0103	1440	0.151	0.0294	0.000456	0.00218	0.00744	2.08	0.0000878	0.0208	0.00709	0.00832	0.00275
2028 Oct	3450	20.4	38.6	0.0782	1500	0.0733	543	0.0261	0.00299	0.000029	0.0158	0.0875	0.365	0.0873	0.0000792	256	0.000129	0.0176	0.00161	0.00949	0.0486	0.000011	67.5	157	1.19	0.00758	887	0.0919	0.0459	0.000269	0.00144	0.00438	1.33	0.0000512	0.013	0.00444	0.00561	0.00183
2028 Nov	5860	35.5	68.3	0.108	2550	0.0786	909	0.0455	0.00446	0.0000544	0.0216	0.137	0.589	0.128	0.000118	423	0.000197	0.029	0.00238	0.015	0.0555	0.0000122	116	271	1.98	0.0109	1510	0.156	0.04	0.000399	0.00221	0.00744	2	0.0000841	0.0222	0.00645	0.00818	0.00256
2028 Dec	5960	36.2	69.6	0.109	2590	0.0788	925	0.0464	0.00452	0.0000446	0.0218	0.139	0.598	0.13	0.000119	430	0.0002	0.0294	0.00241	0.0152	0.0559	0.0000122	118	276	2.01	0.0111	1540	0.159	0.0398	0.000404	0.00224	0.00757	2.03	0.0000855	0.0226	0.00654	0.00829	0.00259
2029 Jan	5950	36.1	69.4	0.109	2590	0.0787	923	0.0462	0.00451	0.0000445	0.0218	0.139	0.597	0.13	0.000119	429	0.000199	0.0294	0.00241	0.0152	0.0558	0.0000122	117	275	2.01	0.011	1530	0.158	0.0398	0.000404	0.00223	0.00755	2.03	0.0000852	0.0226	0.00652	0.00828	0.00259
2029 Feb	5940	36	69.4	0.109	2590	0.0787	922	0.0462	0.00451	0.0000445	0.0218	0.138	0.597	0.13	0.000119	429	0.000199	0.0293	0.00241	0.0152	0.0558	0.0000122	117	275	2	0.011	1530	0.158	0.0399	0.000404	0.00223	0.00754	2.03	0.0000852	0.0226	0.00652	0.00828	0.00259
2029 Mar	5940	36	69.4	0.109	2590	0.0787	922	0.0462	0.00451	0.0000445	0.0218	0.138	0.597	0.13	0.000119	429	0.000199	0.0293	0.00241	0.0152	0.0558	0.0000122	117	275	2	0.011	1530	0.158	0.0399	0.000404	0.00224	0.00754	2.03	0.0000852	0.0226	0.00653	0.00828	0.00259
2029 Apr	5940	36	69.4	0.109	2590	0.0788	922	0.0462	0.00451	0.0000445	0.0218	0.138	0.597	0.13	0.000119	429	0.000199	0.0294	0.00241	0.0152	0.0559	0.0000122	117	275	2.01	0.011	1530	0.158	0.0399	0.000404	0.00224	0.00754	2.03	0.0000852	0.0226	0.00653	0.00828	0.00259
2029 May	5970	36.2	69.7	0.109	2600	0.0792	927	0.0465	0.00453	0.0000448	0.0219	0.144	0.6	0.13	0.00012	431	0.0002	0.0295	0.00242	0.0153	0.0562	0.0000123	118	276	2.02	0.0111	1540	0.159	0.0401	0.000406	0.00225	0.00758	2.04	0.0000856	0.0227	0.00656	0.00833	0.0026
2029 Jun	4460	25.9	49.7	0.0851	1950	0.083	701	0.0332	0.00349	0.0000381	0.018	0.277	0.501	0.11	0.0000116	319	0.000156	0.0218	0.00212	0.0118	0.0466	0.0000114	86.6	200	1.48	0.0117	1160	0.118	0.0468	0.000365	0.00216	0.00545	1.84	0.0000631	0.0171	0.00627	0.00758	0.00283
2029 Jul	1600	7.28	11.5	0.0887	699	0.0762	274	0.00794	0.00139	0.000019	0.0076	0.0945	0.232	0.0631	0.0000719	122	0.0000884	0.00986	0.00138	0.00554	0.0184	0.00000627	27.8	60.5	0.619	0.00767	410	0.041	0.0291	0.000244	0.00129	0.00192	1.14	0.0000272	0.00561	0.00443	0.00437	0.00232
2029 Aug	7050	39.7	71.1	0.251	3120	0.131	1100	0.0473	0.00502	0.0000522	0.0218	0.254	0.693	0.17	0.000147	521	0.000287	0.0391	0.00347	0.0195	0.0438	0.0000113	133	306	2.56	0.0132	1780	0.183	0.0198	0.000586	0.00273	0.00912	2.71	0.00011	0.0246	0.00949	0.0101	0.00425
2029 Sep	11600	67.1	126	0.281	5160	0.132	1750	0.0833	0.00773	0.000078	0.0331	0.327	1.08	0.237	0.000208	825	0.000397	0.0584	0.00466	0.0289	0.0632	0.0000143	221	512	3.92	0.0183	2930	0.297	0.0155	0.000782	0.00394	0.0145	3.77	0.000167	0.0412	0.0124	0.0143	0.00538
2029 Oct	12200	71.5	135	0.269	5490	0.125	1840	0.0894	0.00811	0.0000818	0.0348	0.318	1.14	0.245	0.000218	867	0.000406	0.0606	0.00476	0.0301	0.066	0.0000146	234	544	4.1	0.0192	3120	0.314	0.0156	0.000798	0.00414	0.0153	3.89	0.000174	0.0439	0.0127	0.0149	0.00549
2029 Nov	10900	63	118	0.258	4860	0.127	1650	0.0783	0.00728	0.0000743	0.0315	0.277	1.03	0.225	0.000201	774	0.000372	0.0546	0.00442	0.0272	0.0606	0.0000139	207	480	3.67	0.018	2760	0.279	0.0388	0.000741	0.00381	0.0136	3.6	0.000156	0.0389	0.0119	0.0137	0.00522
2029 Dec	11900	69.2	131	0.253	5320	0.122	1790	0.0868	0.00786	0.00008	0.034	0.288	1.11	0.238	0.000215	839	0.

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2032 Jun	4680	24.4	45.7	0.112	2130	0.0959	710	0.0305	0.00327	0.0000396	0.0164	0.152	0.526	0.118	0.000133	323	0.000167	0.0224	0.00241	0.012	0.0352	0.00001	85.3	191	1.5	0.0136	1200	0.115	0.0397	0.00042	0.00245	0.00532	2.08	0.0000638	0.0167	0.00742	0.00823	0.00387
2032 Jul	6990	41.9	77.1	0.213	3010	0.111	1120	0.0511	0.00507	0.0000527	0.0221	0.221	0.713	0.165	0.000147	519	0.000273	0.0386	0.0033	0.0193	0.0437	0.0000108	137	321	2.56	0.0133	1790	0.189	0.0185	0.000558	0.00276	0.00929	2.65	0.000109	0.026	0.00904	0.01	0.00357
2032 Aug	10500	63.9	120	0.276	4530	0.133	1670	0.0792	0.00743	0.0000754	0.0319	0.302	1.04	0.23	0.000203	772	0.000384	0.0561	0.00454	0.0279	0.0613	0.0000141	207	488	3.76	0.018	2700	0.284	0.0172	0.000761	0.00384	0.0139	3.66	0.00016	0.0393	0.0122	0.0139	0.00463
2032 Sep	12800	78.7	150	0.269	5530	0.123	2000	0.0991	0.00881	0.0000888	0.0378	0.345	1.24	0.262	0.000235	924	0.000431	0.0654	0.00505	0.0324	0.0712	0.0000154	253	598	4.44	0.0207	3290	0.344	0.0154	0.000847	0.00449	0.0167	4.17	0.000188	0.0484	0.0134	0.0161	0.00503
2032 Oct	13200	81.4	156	0.26	5720	0.117	2060	0.103	0.00903	0.000091	0.0388	0.346	1.28	0.265	0.00024	950	0.000436	0.0666	0.0051	0.033	0.0727	0.0000155	262	618	4.54	0.0212	3400	0.355	0.0149	0.000854	0.0046	0.0171	4.24	0.000192	0.0501	0.0135	0.0164	0.00506
2032 Nov	12800	78.8	151	0.253	5540	0.117	2000	0.0996	0.00877	0.0000887	0.0378	0.327	1.25	0.259	0.000236	920	0.000423	0.0646	0.00498	0.0321	0.0711	0.0000153	254	598	4.4	0.0209	3300	0.344	0.0165	0.000834	0.0045	0.0166	4.14	0.000186	0.0486	0.0133	0.0161	0.005
2032 Dec	11900	73.3	140	0.244	5170	0.118	1870	0.0925	0.00823	0.0000839	0.0357	0.305	1.17	0.246	0.000226	860	0.0004	0.0606	0.00475	0.0302	0.0677	0.0000148	236	557	4.12	0.0202	3080	0.321	0.019	0.000796	0.0043	0.0155	3.95	0.000174	0.0453	0.0128	0.0153	0.00488
2033 Jan	12100	74.1	142	0.242	5230	0.117	1890	0.0936	0.0083	0.0000846	0.036	0.305	1.19	0.247	0.000228	868	0.000402	0.061	0.00477	0.0304	0.0684	0.0000149	239	563	4.15	0.0204	3110	0.324	0.0191	0.000801	0.00434	0.0156	3.98	0.000175	0.0458	0.0128	0.0154	0.0049
2033 Feb	12000	73.9	142	0.241	5220	0.117	1880	0.0935	0.00829	0.0000845	0.036	0.304	1.18	0.247	0.000227	867	0.000401	0.0609	0.00477	0.0304	0.0684	0.0000149	239	562	4.15	0.0204	3110	0.324	0.0192	0.0008	0.00434	0.0156	3.98	0.000175	0.0458	0.0128	0.0154	0.0049
2033 Mar	12000	73.9	142	0.241	5210	0.117	1880	0.0934	0.00829	0.0000845	0.036	0.304	1.18	0.247	0.000227	867	0.000401	0.0609	0.00477	0.0304	0.0685	0.0000149	239	562	4.15	0.0204	3110	0.324	0.0194	0.000801	0.00434	0.0156	3.98	0.000175	0.0457	0.0128	0.0154	0.0049
2033 Apr	12100	74.3	142	0.242	5240	0.117	1890	0.0939	0.00833	0.000085	0.0362	0.306	1.19	0.249	0.000229	871	0.000403	0.0612	0.00479	0.0305	0.0689	0.000015	240	565	4.17	0.0205	3120	0.325	0.0196	0.000806	0.00436	0.0157	4	0.000176	0.046	0.0129	0.0155	0.00493
2033 May	9960	60.4	116	0.205	4320	0.114	1570	0.0763	0.00695	0.0000731	0.0309	0.356	1.02	0.215	0.000206	718	0.000338	0.0504	0.0042	0.0255	0.0636	0.0000139	197	461	3.43	0.0191	2580	0.267	0.0282	0.000744	0.0039	0.0128	3.52	0.000145	0.038	0.0116	0.0137	0.00465
2033 Jun	5270	30.8	57.3	0.149	2270	0.0985	853	0.038	0.0039	0.0000437	0.0182	0.204	0.587	0.134	0.000134	387	0.000204	0.0283	0.00272	0.0146	0.0402	0.00000999	102	239	1.89	0.0131	1360	0.142	0.0302	0.000493	0.0025	0.00678	2.25	0.0000804	0.02	0.00786	0.00869	0.00337
2033 Jul	10900	67.4	127	0.266	4680	0.127	1740	0.0841	0.00772	0.0000783	0.0332	0.322	1.09	0.236	0.00021	801	0.000391	0.0579	0.00461	0.0287	0.0637	0.0000143	217	514	3.9	0.0186	2810	0.297	0.017	0.000778	0.00399	0.0145	3.76	0.000165	0.0415	0.0123	0.0144	0.00455
2033 Aug	12400	76.9	146	0.292	5310	0.134	1970	0.0961	0.00872	0.0000877	0.0373	0.365	1.22	0.263	0.000232	908	0.000437	0.0653	0.00511	0.0323	0.0706	0.0000155	247	585	4.41	0.0204	3200	0.338	0.0152	0.000858	0.00442	0.0165	4.17	0.000187	0.0472	0.0136	0.016	0.00492
2033 Sep	8380	50.8	91.9	0.196	3570	0.147	1370	0.061	0.00623	0.0000656	0.0267	0.283	0.853	0.205	0.000174	637	0.000349	0.0486	0.00414	0.0241	0.0527	0.0000113	165	390	3.19	0.0153	2150	0.23	0.0182	0.000694	0.00324	0.0115	3.23	0.000137	0.0311	0.0111	0.012	0.00416
2033 Oct	8070	48.9	90.7	0.231	3450	0.126	1300	0.0601	0.00589	0.0000619	0.026	0.222	0.841	0.191	0.000175	599	0.00031	0.0441	0.00381	0.0222	0.0517	0.0000126	159	375	2.94	0.0161	2080	0.22	0.0251	0.00064	0.00328	0.0107	3.09	0.000126	0.0305	0.0105	0.0117	0.00411
2033 Nov	10600	65.4	125	0.23	4560	0.117	1680	0.0824	0.00745	0.0000768	0.0326	0.262	1.07	0.227	0.00021	771	0.000366	0.0548	0.00441	0.0274	0.0627	0.0000141	211	498	3.72	0.0191	2740	0.288	0.022	0.00074	0.00399	0.0139	3.66	0.000157	0.0407	0.012	0.0142	0.00453
2033 Dec	10800	66.8	128	0.23	4650	0.117	1710	0.0843	0.00759	0.0000781	0.0332	0.266	1.09	0.23	0.000213	786	0.000371	0.0557	0.00446	0.0279	0.0636	0.0000142	216	509	3.79	0.0193	2800	0.294	0.0217	0.000748	0.00405	0.0142	3.71	0.00016	0.0415	0.0121	0.0144	0.00457
2034 Jan	10800	66.9	128	0.23	4650	0.116	1710	0.0843	0.00759	0.0000781	0.0332	0.266	1.09	0.23	0.000213	786	0.000371	0.0557	0.00446	0.0279	0.0636	0.0000142	216	509	3.79	0.0193	2800	0.294	0.0217	0.000748	0.00405	0.0142	3.71	0.00016	0.0415	0.0121	0.0144	0.00457
2034 Feb	10800	66.8	128	0.23	4650	0.116	1710	0.0842	0.00759	0.0000781	0.0332	0.265	1.09	0.23	0.000213	786	0.000371	0.0557	0.00446	0.0279	0.0636	0.0000142	216	509	3.78	0.0193	2800	0.294	0.0218	0.000748	0.00405	0.0142	3.71	0.00016	0.0415	0.0121	0.0144	0.00457
2034 Mar	10800	66.8	128	0.23	4650	0.116	1710	0.0842	0.00759	0.0000781	0.0332	0.265	1.09	0.23	0.000213	786	0.000371	0.0557	0.00446	0.0279	0.0636	0.0000142	216	509	3.78	0.0193	2800	0.294	0.0218	0.000748	0.00405	0.0141	3.71	0.00016	0.0415	0.0121	0.0144	0.00457
2034 Apr	10800	67	128	0.23	4660	0.117	1720	0.0844	0.0076	0.0000783	0.0332	0.266	1.09	0.23	0.000214	787	0.000372	0.0558	0.00447	0.0279	0.0638	0.0000143	216	510	3.79	0.0194	2810	0.295	0.0218	0.00075	0.00406	0.0142	3.72	0.00016	0.0416	0.0121	0.0144	0.00458
2034 May	10600	65.2	124	0.226	4550	0.117	1680	0.0822	0.00743	0.0000769	0.0326	0.329	1.07	0.226	0.000212	768	0.000364	0.0545	0.0044	0.0273	0.0634	0.0000142	211	497	3.7	0.0193	2740	0.287	0.0234	0.000746	0.00401	0.0138	3.67	0.000156	0.0406	0.012	0.0142	0.00457
2034 Jun	6000	35.5	65.5	0.182	2580	0.108	973	0.0435	0.00444	0.0000481	0.0201	0.229	0.645	0.15	0.000142	446	0.000237	0.033	0.00303	0.0168	0.0437	0.0000106	117	274	2.2	0.0134	1550	0.163	0.0266	0.000545	0.00264	0.00789	2.46	0.0000936	0.0226	0.00855	0.00937	0.00355
2034 Jul	8720	51.1	94.1	0.262	3820	0.133	1370	0.0623	0.00616	0.0000634	0.0266	0.281	0.86	0.199	0.000175	641	0.000332	0.0471	0.00399	0.0235	0.053	0.0000128	168	392	3.13	0.0156	2220	0.23	0.0198	0.000678	0.00328	0.0114	3.18	0.000134	0.0316	0.0108	0.012	0.00452
2034 Aug	13300	79.3	151	0.281	5880	0.13	2030	0.0997	0.00892	0.0000901	0.0383	0.366	1.26	0.267	0.000239	948	0.000441	0.0664	0.00517	0.0329	0.0725	0.0000158	258	603	4.5	0.0211	3400	0.348	0.0164	0.000867	0.00456	0.0169	4.25	0.00019	0.0488	0.0138	0.0164	0.00563
2034 Sep	8180	47.3	85.3	0.282	3580	0.146	1300	0.0567	0.00588	0.0000609	0.0255	0.271	0.814	0.196	0.00017	608	0.000331	0.0457	0.00399	0.0228	0.051	0.0000129	156	364	3	0.0152	2080	0.216	0.0218	0.00067	0.00316	0.0107	3.13	0.000129	0.0292	0.0109	0.0116	0.00461
2034 Oct	10400	61.6	116	0.239	4610	0.124	1610	0.0769	0.00712	0.0000736	0.0312	0.258	1.02	0.22	0.000203	747	0.000358	0.0528	0.00432	0.0264	0.0604	0.0000139	202	470	3.56	0.0184	2670	0.273	0.0229	0.000725	0.00384	0.0132	3.56	0.000151	0.0383	0.0118	0.0137	0.00499
2034 Nov	12500	74.8	144	0.235	5560	0.115	1910	0.0948	0.00836	0.0000854	0.0364	0.289	1.2	0.248	0.00023	886	0.000401	0.0612	0.00478	0.0305	0.069	0.000015	244	569	4.17	0.0207	3220	0.327	0.0201	0.000802	0.0044	0.0157	4.01	0.000176	0.0464	0.0129	0.0156	0.00537
2034 Dec	12700	75.5	145	0.235	5610	0.114	1920	0.0957	0.00843	0.0000861	0.0366	0.29	1.21	0.25	0.000232	894	0.000404	0.0616	0.00481	0.0307	0.0694	0.0000151	246	574	4.2	0.0209	3250	0.33	0.02	0.000806	0.00443	0.0158	4.03	0.000177	0.0468	0.0129	0.0157	0.00539
2035 Jan	12700	75.5	145	0.235	5610	0.114	1920	0.0957	0.00842	0.000086	0.0366	0.29	1.21	0.25	0.000232	893	0.000404	0.0616	0.0048	0.0307	0.0694	0.0000151	246	574	4.2	0.0209	3250	0.33	0.02	0.000806	0.00443	0.0158	4.03	0.000177	0.0468	0.0129	0.0157	0.00539
2035 Feb	12700	75.5	145	0.235	5610	0.114	1920	0.0957	0.00842	0.000086	0.0366	0.29	1.21	0.25	0.000232	893	0.000403	0.0616	0.0048	0.0307	0.0694	0.0000151	246	573	4.2	0.0209	3250	0.33	0.02	0.000806	0.00442	0.0158	4.03	0.000177	0.0468	0.0129	0.0157	0.00539
2035 Mar	12700	75.4	145	0.235	5610	0.114	1920	0.0957	0.00842	0.000086	0.0366	0.29	1.21	0.25	0.000232	893	0.000403	0.0616	0.0048	0.0307	0.0694	0.0000151	246	573	4.2	0.0209	3250	0.33	0.02	0.000806	0.00442	0.0158	4.03	0.000177	0.0468	0.0129	0.0157	0.00539
2035 Apr	12700	75.6	145	0.235	5620	0.115	1930	0.0958	0.00844	0.0000862	0.0367	0.29	1.21	0.25	0.000232	895	0.000404	0.0617	0.00481	0.0308	0.0696	0.0000151	246	575	4.21	0.0209	3250	0.33	0.0201	0.000807	0.00443	0.0159	4.04	0.000178	0.0468	0.0129	0.0157	0.0054
2035 May	12700	75.9	146	0.237	5640	0.116	1930	0.0962	0.00847	0.0000866	0.0369	0.335	1.22	0.252	0.000234	899	0.000406	0.062	0.00484	0.0309	0.07	0.0000152	247	577	4.23	0.021	3260	0.332	0.0204	0.000813	0.00446	0.0159	4.06	0.000178	0.047	0.013	0.0158	0.00544
2035 Jun	3720	20	37.4	0.0933	1660	0.081	582	0.0249	0.0027	0.0000329	0.0136	0.125	0.436	0.0983	0.000111	262	0.000138	0.0185	0.00201	0.00996	0.0299	0.0000841	69.2	156	1.24	0.0114	962	0.0949	0.0339	0.000358	0.00205	0.00437	1.74	0.0000526	0.0137	0.00621	0.00686	0.00313
2035 Jul	6900	38.1	70.8	0.182	3130	0.103	1040	0.0469	0.00464	0.0000495	0.0207	0.233	0.67	0.152	0.000143	488	0.000245	0.0346	0.00305	0.0175	0.0415	0.0000104	128	293	2.31	0.0133	1750	0.173	0.0226	0.000518	0.00267	0.00838	2.49	0.0000984	0.024	0.00851	0.00952	0.00413
2035 Aug	8980	49.8	90	0.294	4060	0.144	1360	0.0597	0.00612	0.0000622	0.0261	0.302	0.835	0.201	0.000169	651	0.000344	0.0478	0.00407	0.0237	0.0514	0.0000127	167	382	3.14	0.0148	2250	0.226	0.0168	0.000684	0.00316	0.0113	3.17	0.000135	0.0305	0.0109	0.0118	0.00515
2035 Sep	9540	53	98.3	0.254	4330	0.133	1420	0.0651	0.00635	0.000066	0.0278	0.259	0.897	0.204	0.000184	676	0.000336	0.048	0.00407	0.024	0.0547	0.0000132	177	406	3.2	0.0166	2410	0.238	0.0231	0.000684	0.00344	0.0117	3.28	0.000136	0.0329	0.0111	0.0124	0.00533
2035 Oct	13900	78.9	151	0.249	6340	0.115	2020	0.0999	0.00876	0.0000886	0.0377	0.309	1.25	0.258	0.000235	954	0.000422	0.0645	0.00495	0.032	0.071	0.0000152	261	599	4.4	0.0208	3510	0.344	0.016	0.00083	0.00449	0.0166	4.13	0.000185	0.0486	0.0132	0.016	0.00617
2035 Nov	12900	73.4	140	0.248	5920	0.118	1890	0.0926	0.00824	0.0000837	0.0356	0.291	1.17	0.246	0.000224	895	0.000402	0.0609	0.00475	0.0303	0.0675	0.0000147	243	558	4.14	0.02	3280	0.322	0.0175	0.000797	0.00427	0.0155	3.94	0.000175	0.0453	0.0127	0.0152	0.00597
2035 Dec	13400	76.1	146	0.245	6130	0.115	1950	0.0963	0.00849	0.0000862	0.0367	0.296	1.21	0.252	0.00023	923	0.00041	0.0625	0.00484	0.0311	0.0693	0.000015	252	578	4.26	0.0205	3390	0.333	0.0174	0.000812	0.00439	0.016	4.04	0.00018	0.047	0.0129	0.0156	0.00607
2036 Jan	13400	76.3	146	0.245	6140	0.115	1950	0.0965	0.00851	0.0000863	0.0368	0.296	1.21	0.252	0.00023	924	0.00041	0.0626	0.00485	0.0311	0.0694	0.000015	252	579	4.26	0.0205	3400	0.333	0.0175	0.000813	0.0044	0.016	4.04	0.00018	0.0471	0.013	0.0157	0.00608
2036 Feb	13400	76.2	146	0.245	6130	0.115	1950	0.0964	0.0085	0.0000863	0.0367	0.296	1.21	0.252	0.00023	924	0.00041	0.0625	0.00484	0.0311	0.0694	0.000015	252	579	4.26	0.0205	3400	0.333	0.0175	0.000812	0.0044	0.016	4.04	0.00018	0.0471	0.013	0.0157	0.00608
2036 Mar	13400	76.2	146	0.244	6130	0.115	1950	0.0964	0.0085	0.0000862	0.0367	0.296	1.21	0.252	0.00023	923	0.00041	0.0625	0.00484	0.0311	0.0694	0.000015	252	579	4.26	0.0205	3400	0.333	0.0176	0.000812	0.0044	0.016	4.04	0.00018	0.047	0.013	0.0157	0.00608
2036 Apr	13400	76.3	146	0.245	6140	0.116	1950	0.0965	0.00851	0.0000864	0.0368	0.325	1.21	0.252	0.000231	925	0.000411	0.0626	0.00485	0.0311	0.0696	0.000015	252	579	4.26	0.0206	3400	0.333	0.0176	0.000814	0.00441	0.016	4.05	0.00018	0.0471	0.013	0.0157	0.00609
2036 May	13500	76.9	147	0.249	6180	0.117	1970	0.0972	0.00858	0.0000871	0.0371	0.405	1.22	0.254	0.000233	933	0.000415	0.0632	0.0049	0.0314	0.0702	0.0000152	254	584	4.3	0.0208	3430	0.336	0.0178	0.000822	0.00445	0.0162	4.08	0.000182	0.0475	0.0131	0.0158	0.00614
2036 Jun	4970	26.5	48.8	0.14	2240	0.105	768	0.0326	0.00354	0.0000416	0.0172	0.167	0.55	0.127	0.000135	352	0.000188	0.0252	0.00261	0.0133	0.0366	0.0000103	91.6	207	1.67	0.0136	1270	0.125	0.0369	0.000452	0.0025	0.0059	2.2	0.0000714	0.0177	0.00783	0.00855	0.00392
2036 Jul	10200	60.6	114	0.245	4470	0.124	1580	0.0755	0.00704	0.0000725	0.0306	0.285	1	0.218	0.000199	735	0.000357	0.0524	0.00429	0.0262	0.0593	0.0000137	198	463	3.53	0.0179	2610	0.269	0.0211	0.000724	0.00376	0.0131	3.52	0.00015	0.0376	0.0117	0.0135	0.0048
2036 Aug	13000	78	148	0.279	5690	0.13	2000	0.098	0.0088	0.0000888	0.0377	0.359	1.24	0.263	0.000236	930	0.000435	0.0655	0.00511	0.0325	0.0715	0.0000156	253	593	4.44	0.0208	3320	0.342	0.0165	0.000857	0.0045	0.0166	4.2	0.000188	0.048	0.0136	0.0162	0.00543
2036 Sep	10100	59.9	110	0.303	4390	0.143	1590	0.073	0.0071	0.0000716	0.0302	0.321	0.975	0.225	0.000191	743	0.000383	0.0548	0.00449	0.0271	0.0584	0.0000138	195	458	3.64	0.0166	2570	0.268	0.0149	0.000752	0.0036	0.0133	3.54	0.000156	0.0366	0.012	0.0133	0.00477
2036 Oct	10800	64.9	123	0.244	4760	0.121	1680	0.0812	0.00743	0.0000761	0.0323	0.28	1.06	0.227	0.000207	779	0.000371	0.0551	0.00443	0.0275	0.0619	0.000014	211	494	3.73	0.0186	2780	0.286	0.0199	0.000743	0.00392	0.0139	3.65	0.000158	0.0402	0.012	0.014	0.00488
2036 Nov	11700	70.1	134	0.241	5130	0.118	1800	0.0883	0.00791	0.0000809	0.0344	0.285	1.13	0.238	0.000218	833	0.000387	0.0584	0.00461	0.0291	0.0655	0.0000145	228	533	3.96	0.0196	3000	0.308	0.0196	0.000774	0.00416	0.0148	3.83	0.000168	0.0434	0.0124	0.0148	0.00504
2036 Dec	11700	70.2	134	0.237	5140	0.117	1800	0.0885	0.00792	0.0000811	0.0345	0.282	1.13	0.238	0.000219	834	0.000386	0.0582	0.00461	0.0291	0.0657	0.0000145	228	534	3.96	0.0197	3000	0.308	0.0202	0.000773	0.00418	0.0148	3.83	0.000167	0.0435	0.0124	0.0148	0.00506
2037 Jan	11700	70.5	135	0.236	5160	0.116	1810	0.089	0.00795	0.0000814	0.0346	0.282	1.14	0.239	0.00022	837	0.000387	0.0584	0.00462	0.0292	0.0661	0.0000146	229	537	3.97	0.0198	3020	0.309	0.0202	0.000775	0.00419	0.0149	3.85	0.000168	0.0437	0.0124	0.0149	0.00506
2037 Feb	11700	70.4	135	0.236	5160	0.116	1800	0.0889	0.00794	0.0000813	0.0346	0.282	1.14	0.238	0.00022	836	0.000386	0.0584	0.00461	0.0291	0.0663	0.0000146	229	536	3.97	0.0198	3010	0.309	0.0203	0.000776	0.00419	0.0149	3.84	0.000168	0.0436	0.0124	0.0149	0.00506
2037 Mar	11700	70.4	135	0.236	5150	0.116	1800	0.0889	0.00794	0.0000812	0.0346	0.282	1.14	0.238	0.00022	836	0.000386	0.0583	0.00461	0.0291	0.0665	0.0000146	229	536	3.97	0.0198	3010	0.309	0.0203	0.000776	0.00418	0.0149	3.84	0.000168	0.0436	0.0124	0.0149	0.00506
2037 Apr	11700	70.5	135	0.236	5160	0.116	1810	0.089	0.00795	0.0000814	0.0346	0.282	1.14	0.239	0.00022	837	0.000387	0.0584	0.00462	0.0292	0.0667	0.0000146	229	537	3.97	0.0198	3020	0.309	0.0204	0.000778	0.00419	0.0149	3.85	0.000168	0.0437	0.0124	0.0149

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2039 Dec	2190	1.56	3.02	0.174	113	0.0926	1410	0.105	0.00441	0.0000177	0.0108	0.103	0.452	0.0227	0.0000351	465	0.0000443	0.00604	0.000877	0.00128	0.0582	0.0000149	57.2	43.5	0.624	0.0207	65.8	0.00283	0.0048	0.0000883	0.00228	0.00567	1.24	0.0000223	0.00198	0.00088	0.00454	0.00497
2040 Jan	2180	1.56	3.01	0.174	113	0.0925	1410	0.105	0.0044	0.0000177	0.0108	0.103	0.451	0.0227	0.0000035	464	0.0000442	0.00603	0.000877	0.00128	0.0583	0.0000149	57.2	43.4	0.623	0.0207	65.7	0.00282	0.00489	0.0000888	0.00228	0.00566	1.23	0.0000223	0.00198	0.00088	0.00454	0.00496
2040 Feb	2180	1.55	3.01	0.174	113	0.0925	1410	0.105	0.0044	0.0000176	0.0108	0.103	0.451	0.0228	0.0000035	464	0.0000442	0.00602	0.000877	0.00129	0.0584	0.0000149	57.1	43.4	0.622	0.0207	65.7	0.00282	0.00495	0.0000895	0.00228	0.00565	1.23	0.0000223	0.00198	0.000882	0.00453	0.00496
2040 Mar	2180	1.55	3.01	0.174	113	0.0925	1410	0.105	0.0044	0.0000177	0.0108	0.103	0.451	0.0228	0.0000035	464	0.0000443	0.00603	0.000878	0.00129	0.0586	0.0000149	57.1	43.4	0.623	0.0207	65.7	0.00283	0.00499	0.0000902	0.00228	0.00566	1.23	0.0000223	0.00198	0.000883	0.00454	0.00496
2040 Apr	2190	1.56	3.02	0.174	113	0.0928	1420	0.105	0.00441	0.0000177	0.0109	0.103	0.452	0.0229	0.0000351	466	0.0000444	0.00604	0.000881	0.00129	0.0588	0.0000149	57.3	43.5	0.625	0.0207	65.9	0.00284	0.00504	0.0000908	0.00228	0.00567	1.24	0.0000223	0.00198	0.000887	0.00455	0.00498
2040 May	2130	1.51	2.93	0.17	111	0.0911	1380	0.102	0.00433	0.0000174	0.0108	0.101	0.441	0.0238	0.0000344	455	0.0000444	0.00591	0.000881	0.0013	0.0612	0.0000149	55.9	42.6	0.613	0.0202	64.4	0.00282	0.00681	0.00012	0.00223	0.00553	1.21	0.0000218	0.00193	0.000908	0.0045	0.00485
2040 Jun	1050	0.666	1.26	0.0821	54	0.0518	666	0.0496	0.00249	0.0000104	0.00799	0.049	0.216	0.0249	0.0000186	230	0.0000299	0.00299	0.000624	0.00106	0.0678	0.0000112	27.6	21.9	0.328	0.00978	32.1	0.002	0.0251	0.000349	0.00117	0.0027	0.64	0.0000113	0.000957	0.000873	0.00293	0.00233
2040 Jul	1250	0.701	1.76	0.0992	83.8	0.0811	775	0.0554	0.00266	0.0000115	0.00909	0.0554	0.285	0.0258	0.0000209	260	0.0000386	0.00439	0.000686	0.00164	0.0639	0.0000147	32.2	27.6	0.373	0.0116	56.8	0.00594	0.021	0.000292	0.00147	0.0031	0.792	0.0000126	0.00145	0.000968	0.00327	0.00261
2040 Aug	1510	0.745	2.19	0.121	109	0.108	928	0.065	0.00297	0.000013	0.0103	0.0654	0.361	0.0272	0.0000242	306	0.000047	0.00578	0.000772	0.00214	0.0623	0.0000179	38.6	34.1	0.437	0.014	78.5	0.00917	0.0167	0.000247	0.00182	0.00368	0.969	0.0000147	0.00193	0.00107	0.0037	0.00307
2040 Sep	1690	0.669	1.86	0.137	89.5	0.105	1070	0.0766	0.00339	0.0000144	0.0105	0.0764	0.391	0.0263	0.0000274	353	0.0000469	0.00594	0.000811	0.00194	0.0618	0.0000173	44.1	37.1	0.493	0.016	71.4	0.00762	0.0134	0.000208	0.00197	0.00426	1.05	0.0000169	0.00197	0.00103	0.00397	0.00362
2040 Oct	1710	0.658	1.81	0.139	86.7	0.105	1090	0.0782	0.00345	0.0000146	0.0106	0.078	0.395	0.0262	0.0000279	359	0.0000469	0.00596	0.000817	0.00191	0.0618	0.0000172	44.9	37.5	0.501	0.0162	70.3	0.0074	0.0129	0.000203	0.00199	0.00435	1.07	0.0000172	0.00198	0.00103	0.00401	0.0037
2040 Nov	1720	0.657	1.81	0.139	86.5	0.105	1090	0.0784	0.00346	0.0000147	0.0106	0.0782	0.396	0.0262	0.00002	360	0.0000469	0.00596	0.000818	0.00191	0.0618	0.0000172	45	37.6	0.502	0.0163	70.3	0.00738	0.0129	0.000202	0.00199	0.00436	1.07	0.0000173	0.00198	0.00103	0.00402	0.00371
2040 Dec	1720	0.657	1.81	0.139	86.4	0.105	1090	0.0784	0.00346	0.0000147	0.0106	0.0782	0.396	0.0262	0.00002	360	0.0000469	0.00596	0.000818	0.00191	0.0618	0.0000172	45	37.6	0.502	0.0163	70.2	0.00738	0.0129	0.000202	0.00199	0.00436	1.07	0.0000173	0.00198	0.00103	0.00402	0.00371
2041 Jan	1720	0.657	1.81	0.139	86.4	0.105	1090	0.0784	0.00346	0.0000147	0.0106	0.0782	0.396	0.0262	0.00002	360	0.0000469	0.00596	0.000818	0.00191	0.0618	0.0000172	45	37.6	0.502	0.0163	70.2	0.00737	0.0129	0.000202	0.00199	0.00436	1.07	0.0000173	0.00198	0.00103	0.00402	0.00371
2041 Feb	1720	0.657	1.81	0.139	86.4	0.105	1090	0.0784	0.00346	0.0000147	0.0106	0.0782	0.396	0.0262	0.00002	360	0.0000469	0.00596	0.000818	0.00191	0.0618	0.0000172	45	37.6	0.502	0.0163	70.2	0.00737	0.0129	0.000202	0.00199	0.00436	1.07	0.0000173	0.00198	0.00103	0.00402	0.00371
2041 Mar	1720	0.657	1.81	0.139	86.4	0.105	1090	0.0784	0.00346	0.0000147	0.0106	0.0782	0.396	0.0262	0.00002	360	0.0000469	0.00596	0.000818	0.00191	0.0618	0.0000172	45	37.6	0.502	0.0163	70.2	0.00738	0.013	0.000202	0.00199	0.00436	1.07	0.0000173	0.00198	0.00103	0.00402	0.00371
2041 Apr	1720	0.657	1.81	0.14	86.5	0.105	1090	0.0785	0.00346	0.0000147	0.0106	0.0782	0.396	0.0262	0.00002	360	0.0000469	0.00596	0.000818	0.00191	0.0619	0.0000172	45	37.6	0.503	0.0163	70.3	0.00738	0.013	0.000202	0.00199	0.00436	1.07	0.0000173	0.00198	0.00103	0.00402	0.00371
2041 May	1720	0.658	1.81	0.14	86.6	0.105	1100	0.0786	0.00347	0.0000147	0.0106	0.0784	0.397	0.0263	0.00002	361	0.000047	0.00598	0.00082	0.00191	0.0621	0.0000173	45.1	37.7	0.504	0.0163	70.4	0.00739	0.013	0.000203	0.002	0.00437	1.07	0.0000173	0.00198	0.00103	0.00403	0.00372
2041 Jun	1480	0.561	1.53	0.12	73.8	0.0923	943	0.0677	0.0031	0.0000132	0.00996	0.0675	0.341	0.0238	0.0000247	312	0.0000429	0.00514	0.000715	0.0017	0.058	0.0000159	38.9	32.5	0.434	0.014	60.2	0.00639	0.0163	0.000185	0.00174	0.00376	0.924	0.0000151	0.0017	0.000942	0.0037	0.0032
2041 Jul	1350	0.492	1.31	0.11	63.4	0.0838	863	0.0621	0.00289	0.0000123	0.00945	0.0619	0.31	0.022	0.0000228	285	0.0000399	0.00464	0.000652	0.00154	0.0547	0.0000149	35.5	29.5	0.397	0.0128	53.4	0.00561	0.0173	0.000169	0.00159	0.00344	0.842	0.000014	0.00153	0.000874	0.00349	0.00293
2041 Aug	1460	0.485	1.23	0.12	58.3	0.0864	946	0.0685	0.00313	0.0000132	0.00978	0.0681	0.334	0.0224	0.0000247	313	0.0000412	0.0049	0.000692	0.00154	0.0561	0.0000151	38.9	31.8	0.432	0.014	53.7	0.0054	0.0158	0.000163	0.00171	0.00378	0.906	0.0000152	0.00162	0.000892	0.00368	0.00324
2041 Sep	1600	0.469	1.09	0.132	50.2	0.0888	1050	0.0766	0.00342	0.0000143	0.0101	0.0759	0.362	0.0228	0.0000271	347	0.0000424	0.00521	0.000739	0.00151	0.0571	0.0000153	43	34.6	0.476	0.0155	53.5	0.00501	0.0136	0.000152	0.00185	0.0042	0.984	0.0000168	0.00172	0.000905	0.00391	0.00362
2041 Oct	1610	0.463	1.06	0.133	48.6	0.0886	1060	0.0773	0.00344	0.0000143	0.0101	0.0766	0.364	0.0227	0.0000273	350	0.0000423	0.00521	0.000741	0.0015	0.057	0.0000152	43.3	34.8	0.479	0.0157	53.1	0.00492	0.0133	0.000149	0.00185	0.00424	0.989	0.0000169	0.00172	0.000901	0.00391	0.00365
2041 Nov	1610	0.463	1.05	0.133	48.4	0.0887	1060	0.0774	0.00345	0.0000143	0.0101	0.0767	0.364	0.0227	0.0000273	350	0.0000424	0.00522	0.000742	0.0015	0.0571	0.0000153	43.4	34.8	0.48	0.0157	53.1	0.00491	0.0134	0.000149	0.00186	0.00424	0.99	0.000017	0.00172	0.000901	0.00392	0.00366
2041 Dec	1610	0.463	1.05	0.133	48.4	0.0887	1060	0.0774	0.00345	0.0000143	0.0101	0.0767	0.364	0.0227	0.0000273	350	0.0000424	0.00522	0.000742	0.0015	0.0571	0.0000153	43.4	34.8	0.48	0.0157	53.1	0.00491	0.0134	0.000149	0.00186	0.00424	0.99	0.000017	0.00172	0.000901	0.00392	0.00366
2042 Jan	1610	0.463	1.05	0.133	48.4	0.0887	1060	0.0774	0.00345	0.0000143	0.0101	0.0767	0.364	0.0227	0.0000273	350	0.0000424	0.00522	0.000742	0.0015	0.0571	0.0000153	43.4	34.8	0.48	0.0157	53.1	0.00491	0.0134	0.000149	0.00186	0.00424	0.99	0.000017	0.00172	0.000901	0.00392	0.00366
2042 Feb	1610	0.463	1.05	0.133	48.4	0.0887	1060	0.0774	0.00345	0.0000143	0.0101	0.0767	0.364	0.0227	0.0000273	350	0.0000424	0.00522	0.000742	0.0015	0.0571	0.0000153	43.4	34.8	0.48	0.0157	53.1	0.00491	0.0134	0.000149	0.00186	0.00424	0.99	0.000017	0.00172	0.000901	0.00392	0.00366
2042 Mar	1610	0.463	1.05	0.133	48.4	0.0887	1060	0.0774	0.00345	0.0000143	0.0101	0.0767	0.364	0.0227	0.0000273	350	0.0000424	0.00522	0.000742	0.0015	0.0571	0.0000153	43.4	34.8	0.48	0.0157	53.1	0.00491	0.0134	0.000149	0.00186	0.00424	0.99	0.000017	0.00172	0.000902	0.00392	0.00366
2042 Apr	1620	0.464	1.06	0.133	48.5	0.0889	1060	0.0775	0.00345	0.0000144	0.0101	0.0768	0.364	0.0228	0.0000274	351	0.0000424	0.00523	0.000743	0.0015	0.0572	0.0000153	43.5	34.8	0.481	0.0157	53.1	0.00492	0.0134	0.000149	0.00186	0.00425	0.991	0.000017	0.00172	0.000903	0.00392	0.00366
2042 May	1620	0.466	1.06	0.134	48.7	0.0893	1070	0.0779	0.00347	0.0000144	0.0102	0.0771	0.366	0.0229	0.0000275	352	0.0000426	0.00525	0.000746	0.00151	0.0575	0.0000154	43.7	35	0.483	0.0158	53.4	0.00494	0.0135	0.00015	0.00187	0.00427	0.996	0.0000171	0.00173	0.000907	0.00394	0.00368
2042 Jun	1480	0.424	0.963	0.122	44.7	0.0826	972	0.071	0.00323	0.0000135	0.00978	0.0703	0.334	0.0216	0.0000254	321	0.0000404	0.00479	0.000687	0.00142	0.0553	0.0000147	39.8	31.9	0.441	0.0144	48.7	0.00456	0.0155	0.000144	0.00172	0.00389	0.91	0.0000157	0.00158	0.000861	0.00374	0.00335
2042 Jul	1410	0.396	0.885	0.116	41.1	0.0789	927	0.0678	0.00311	0.000013	0.00953	0.0671	0.318	0.0209	0.0000244	307	0.0000389	0.00455	0.000655	0.00135	0.0539	0.0000142	38	30.4	0.42	0.0137	45.8	0.00427	0.0162	0.000138	0.00164	0.00371	0.867	0.000015	0.0015	0.000829	0.00362	0.0032
2042 Aug	1490	0.38	0.77	0.124	34.7	0.0803	992	0.0727	0.00329	0.0000136	0.00962	0.0719	0.334	0.021	0.0000258	328	0.000039	0.00471	0.000681	0.00132	0.0541	0.0000142	40.5	32	0.447	0.0146	45.1	0.00394	0.0145	0.000127	0.00172	0.00397	0.913	0.000016	0.00155	0.000819	0.00372	0.00344
2042 Sep	1630	0.375	0.679	0.136	29.2	0.0835	1090	0.0803	0.00356	0.0000146	0.00993	0.0793	0.362	0.0215	0.000028	360	0.0000403	0.00503	0.000728	0.00132	0.0553	0.0000145	44.5	34.8	0.488	0.016	45.7	0.00371	0.0124	0.000119	0.00185	0.00437	0.99	0.0000175	0.00165	0.000836	0.00393	0.0038
2042 Oct	1620	0.371	0.66	0.136	28.3	0.0832	1090	0.0803	0.00355	0.0000146	0.0099	0.0793	0.362	0.0214	0.000028	360	0.0000401	0.00501	0.000726	0.00131	0.055	0.0000144	44.4	34.7	0.488	0.016	45.3	0.00364	0.0123	0.000117	0.00185	0.00437	0.988	0.0000175	0.00165	0.000829	0.00391	0.0038
2042 Nov	1630	0.371	0.658	0.136	28.2	0.0833	1090	0.0804	0.00356	0.0000146	0.00991	0.0794	0.362	0.0214	0.000028	361	0.0000401	0.00501	0.000727	0.00131	0.0551	0.0000144	44.5	34.7	0.488	0.0161	45.3	0.00364	0.0123	0.000117	0.00185	0.00437	0.989	0.0000175	0.00165	0.00083	0.00392	0.0038
2042 Dec	1630	0.371	0.658	0.136	28.2	0.0833	1090	0.0804	0.00356	0.0000146	0.00991	0.0793	0.362	0.0214	0.000028	360	0.0000401	0.00501	0.000727	0.00131	0.0551	0.0000144	44.5	34.7	0.488	0.0161	45.3	0.00364	0.0123	0.000117	0.00185	0.00437	0.989	0.0000175	0.00165	0.00083	0.00392	0.0038
2043 Jan	1630	0.371	0.658	0.136	28.2	0.0833	1090	0.0804	0.00356	0.0000146	0.00991	0.0793	0.362	0.0214	0.000028	360	0.0000401	0.00501	0.000727	0.00131	0.0551	0.0000144	44.5	34.7	0.488	0.0161	45.3	0.00364	0.0124	0.000117	0.00185	0.00437	0.989	0.0000175	0.00165	0.00083	0.00391	0.0038
2043 Feb	1630	0.371	0.658	0.136	28.2	0.0833	1090	0.0804	0.00356	0.0000146	0.00991	0.0793	0.362	0.0214	0.000028	360	0.0000401	0.00501	0.000727	0.00131	0.0551	0.0000144	44.5	34.7	0.488	0.0161	45.3	0.00364	0.0124	0.000117	0.00185	0.00437	0.989	0.0000175	0.00165	0.00083	0.00391	0.0038
2043 Mar	1630	0.371	0.658	0.136	28.2	0.0833	1090	0.0804	0.00356	0.0000146	0.00991	0.0793	0.362	0.0214	0.000028	360	0.0000401	0.00501	0.000727	0.00131	0.0551	0.0000144	44.5	34.7	0.488	0.0161	45.3	0.00364	0.0124	0.000117	0.00185	0.00437	0.989	0.0000175	0.00165	0.00083	0.00391	0.0038
2043 Apr	1630	0.371	0.659	0.136	28.2	0.0834	1090	0.0805	0.00356	0.0000146	0.00993	0.0794	0.362	0.0215	0.000028	361	0.0000401	0.00502	0.000728	0.00131	0.0552	0.0000144	44.5	34.8	0.489	0.0161	45.4	0.00364	0.0124	0.000117	0.00185	0.00438	0.99	0.0000175	0.00165	0.000831	0.00392	0.00381
2043 May	1630	0.372	0.659	0.136	28.3	0.0836	1090	0.0806	0.00357	0.0000147	0.00996	0.0795	0.363	0.0216	0.0000281	361	0.0000403	0.00503	0.000731	0.00132	0.0557	0.0000145	44.6	34.8	0.49	0.0161	45.5	0.00365	0.0126	0.000121	0.00185	0.00438	0.992	0.0000176	0.00165	0.000837	0.00393	0.00381
2043 Jun	1450	0.332	0.579	0.12	26.3	0.0755	966	0.0712	0.00325	0.0000134	0.00945	0.0703	0.321	0.0221	0.0000253	321	0.0000376	0.00447	0.00069	0.00126	0.0579	0.0000137	39.5	31.1	0.44	0.0142	40.6	0.00335	0.0162	0.000171	0.00166	0.00388	0.888	0.0000157	0.00146	0.000837	0.00365	0.00336
2043 Jul	1490	0.334	0.569	0.124	25.5	0.077	996	0.0734	0.00333	0.0000138	0.00961	0.0725	0.33	0.0223	0.000026	331	0.0000382	0.00458	0.000704	0.00127	0.0585	0.0000139	40.7	31.9	0.452	0.0146	41.2	0.00335	0.0159	0.000168	0.0017	0.004	0.912	0.0000161	0.0015	0.000846	0.00373	0.00347
2043 Aug	1670	0.348	0.535	0.14	22.4	0.0827	1130	0.0832	0.00368	0.0000151	0.0101	0.082	0.369	0.023	0.0000289	373	0.0000407	0.00506	0.000766	0.00131	0.0598	0.0000145	45.9	35.6	0.507	0.0165	43.8	0.00332	0.0133	0.000155	0.00189	0.00452	1.02	0.0000181	0.00166	0.000879	0.00403	0.00393
2043 Sep	1740	0.352	0.515	0.145	20.8	0.0846	1170	0.0868	0.00381	0.0000155	0.0103	0.0856	0.383	0.0231	0.00003	389	0.0000415	0.00524	0.000787	0.00131	0.06	0.0000146	47.8	37	0.527	0.0172	44.7	0.00328	0.012	0.000147	0.00196	0.00471	1.05	0.0000188	0.00172	0.000886	0.00413	0.00411
2043 Oct	1720	0.348	0.502	0.144	20.3	0.0841	1160	0.086	0.00378	0.0000154	0.0102	0.0848	0.38	0.0229	0.0000297	385	0.0000411	0.00519	0.00078	0.0013	0.0596	0.0000146	47.4	36.6	0.522	0.0171	44.1	0.00323	0.0123	0.000143	0.00194	0.00467	1.04	0.0000186	0.0017	0.000875	0.0041	0.00407
2043 Nov	1700	0.344	0.493	0.142	20.1	0.0835	1150	0.0848	0.00374	0.0000153	0.0102	0.0836	0.374	0.0228	0.0000294	380	0.0000407	0.00511	0.00077	0.0013	0.0593	0.0000145	46.7	36.1	0.515	0.0169	43.5	0.00319	0.0129	0.000141	0.00191	0.0046	1.03	0.0000184	0.00168	0.000864	0.00405	0.00401
2043 Dec	1690	0.344	0.492	0.142	20.1	0.0835	1150	0.0848	0.00374	0.0000153	0.0102	0.0836	0.374	0.0228	0.0000293	380	0.0000407	0.00511	0.00077	0.0013	0.0593	0.0000145	46.7	36.1	0.514	0.0168	43.5	0.00319	0.0129	0.000141	0.00191	0.0046	1.03	0.0000184	0.00167	0.000863	0.00405	0.00401
2044 Jan	1690	0.344	0.492	0.142	20.1	0.0835	1150	0.0848	0.00374	0.0000153	0.0102	0.0836	0.374	0.0228	0.0000293	380	0.0000407	0.00511	0.00077	0.0013	0.0593	0.0000145	46.7	36.1	0.514	0.0168	43.5	0.00319	0.0129	0.000141	0.00191	0.0046	1.03	0.0000184	0.00167	0.000863	0.00405	0.00401
2044 Feb	1700	0.344	0.492	0.142	20.1	0.0835	1150	0.0848	0.00374	0.0000153	0.0102	0.0836	0.374	0.0228	0.0000294	380	0.0000407	0.00511	0.00077	0.0013	0.0593	0.0000145	46.7	36.1	0.515	0.0168	43.5	0.00319	0.0129	0.000141	0.00191	0.0046	1.03	0.0000184	0.00167	0.000864	0.00405	0.00401
2044 Mar	1700	0.344	0.492	0.142	20.1	0.0835	1150	0.0848	0.00374	0.0000153	0.0102	0.0837	0.374	0.0228	0.0000294	380	0.0000407	0.00511	0.00077	0.0013	0.0594	0.0000145	46.7	36.1	0.515	0.0169	43.5	0.00319	0.0129	0.000141	0.00191	0.0046	1.03	0.0000184	0.00168	0.000864	0.00405	0.00401
2044 Apr	1700	0.344	0.492	0.142	20.1	0.0836	1150	0.0849	0.00374	0.0000153	0.0102	0.0837	0.375	0.0228	0.0000294	380	0.0000407	0.00512	0.00077	0.0013	0.0594	0.0000145	46.8	36.2	0.515	0.0169	43.5	0.00319	0.0129	0.000141	0.00191	0.00461	1.03	0.0000184	0.00168	0.000865	0.00405	0.00402
2044 May	1700	0.346	0.494	0.143	20.1	0.0839	1150	0.0853	0.00376	0.0000154	0.0103	0.0841	0.376	0.023	0.0000295	382	0.0000409	0.00514	0.000774	0.0013	0.0597	0.0000145	47	36.3	0.518	0.0169	43.7	0.0032	0.013	0.000142	0.00192	0.00463	1.04	0.0000185	0.00168	0.000869	0.00407	0.00403
2044 Jun	1490	0.312	0.494	0.124	21.7	0.0788	1000	0.0739	0.00335	0.0000138	0.00976	0.073	0.334	0.0215	0.0000261	333	0.0000388	0.00465	0.000691	0.00129	0.056	0.0000141	41	32.2	0.452	0.0148	40.5	0.00352	0.0156	0.000136	0.00172	0.00402	0.918	0.0000162	0.00153	0.000825	0.00376	0.00349
2044 Jul	1480	0.336	0.675	0.122	32.2	0.0896	985	0.0714	0.00325	0.0000137	0.0101	0.0709	0.346	0.0222	0.0000257	325	0.0000419	0.00505	0.000698	0.00156	0.0553	0.0000155	40.4	32.9	0.446	0.0146	46.6	0.0054	0.0158	0.000134	0.00176	0.00393	0.935	0.0000158	0.

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2047 Jun	1280	0.749	3.81	0.0786	216	0.317	634	0.0222	0.00122	0.0000105	0.0161	0.0301	0.602	0.0422	0.0000169	177	0.000104	0.0136	0.000943	0.00735	0.0483	0.0000447	29.9	49.8	0.339	0.0116	149	0.0451	0.0182	0.000204	0.00271	0.00217	1.36	0.00000783	0.00475	0.00198	0.00401	0.00104
2047 Jul	1340	0.769	3.89	0.0829	220	0.33	675	0.0243	0.00129	0.000011	0.0167	0.0325	0.63	0.0433	0.0000179	189	0.000108	0.0142	0.000979	0.00761	0.0486	0.0000462	31.7	52.1	0.358	0.0123	153	0.0468	0.0174	0.000199	0.00283	0.00232	1.42	0.00000834	0.00496	0.00204	0.00416	0.00114
2047 Aug	1450	0.862	4.47	0.085	252	0.394	716	0.0215	0.00112	0.0000114	0.0187	0.0316	0.735	0.0483	0.0000185	193	0.000126	0.0169	0.00109	0.00911	0.0463	0.0000542	34.2	60.1	0.384	0.0134	173	0.0569	0.0148	0.000183	0.00327	0.00239	1.63	0.00000823	0.0059	0.00233	0.00451	0.00101
2047 Sep	1500	0.913	4.81	0.0847	271	0.433	730	0.0189	0.000971	0.0000116	0.0198	0.0302	0.797	0.051	0.0000187	191	0.000137	0.0185	0.00115	0.01	0.0438	0.000059	35.3	64.7	0.394	0.0139	185	0.0631	0.0129	0.000168	0.00352	0.00239	1.75	0.00000798	0.00648	0.0025	0.00467	0.000888
2047 Oct	1490	0.896	4.7	0.0847	265	0.425	730	0.0197	0.001	0.0000115	0.0196	0.0308	0.785	0.0502	0.0000187	192	0.000134	0.0182	0.00113	0.00983	0.0435	0.0000579	35.1	63.8	0.392	0.0138	181	0.0618	0.0129	0.000163	0.00346	0.0024	1.73	0.00000807	0.00636	0.00246	0.00462	0.000924
2047 Nov	1490	0.888	4.65	0.0845	262	0.421	728	0.0199	0.00102	0.0000115	0.0194	0.0308	0.778	0.0498	0.0000186	192	0.000133	0.018	0.00113	0.00973	0.0435	0.0000574	35	63.3	0.39	0.0138	179	0.0611	0.0131	0.000162	0.00343	0.0024	1.71	0.00000808	0.0063	0.00243	0.0046	0.000934
2047 Dec	1490	0.887	4.64	0.0845	262	0.42	728	0.02	0.00102	0.0000115	0.0194	0.0309	0.777	0.0498	0.0000186	192	0.000133	0.018	0.00113	0.00971	0.0436	0.0000573	35	63.2	0.39	0.0138	179	0.061	0.0131	0.000162	0.00343	0.0024	1.71	0.0000081	0.00629	0.00243	0.00459	0.000939
2048 Jan	1490	0.887	4.64	0.0846	261	0.42	729	0.0201	0.00102	0.0000115	0.0194	0.031	0.777	0.0498	0.0000187	193	0.000133	0.018	0.00113	0.0097	0.0436	0.0000573	35	63.2	0.391	0.0138	179	0.061	0.0131	0.000162	0.00343	0.0024	1.71	0.00000811	0.00628	0.00243	0.00459	0.000943
2048 Feb	1490	0.886	4.63	0.0847	261	0.42	730	0.0202	0.00103	0.0000115	0.0194	0.0311	0.776	0.0497	0.0000187	193	0.000133	0.0179	0.00113	0.0097	0.0436	0.0000573	35	63.2	0.391	0.0138	179	0.0609	0.0131	0.000162	0.00343	0.00241	1.71	0.00000813	0.00628	0.00243	0.00459	0.000948
2048 Mar	1490	0.886	4.63	0.0849	261	0.419	731	0.0203	0.00103	0.0000115	0.0194	0.0312	0.776	0.0497	0.0000187	193	0.000133	0.0179	0.00113	0.00969	0.0437	0.0000572	35.1	63.2	0.391	0.0138	178	0.0608	0.0131	0.000162	0.00343	0.00241	1.71	0.00000815	0.00627	0.00243	0.00459	0.000953
2048 Apr	1490	0.886	4.63	0.085	261	0.419	732	0.0204	0.00104	0.0000116	0.0194	0.0313	0.776	0.0497	0.0000187	194	0.000133	0.0179	0.00113	0.00969	0.0438	0.0000572	35.1	63.2	0.392	0.0138	178	0.0608	0.0131	0.000162	0.00343	0.00242	1.71	0.00000817	0.00628	0.00243	0.0046	0.000958
2048 May	1500	0.889	4.64	0.0856	262	0.421	736	0.0206	0.00105	0.0000116	0.0195	0.0315	0.78	0.05	0.0000188	195	0.000133	0.018	0.00113	0.00972	0.044	0.0000574	35.3	63.5	0.394	0.0139	179	0.0611	0.0132	0.000163	0.00345	0.00243	1.72	0.00000822	0.0063	0.00244	0.00462	0.000967
2048 Jun	1310	0.769	4	0.0748	226	0.365	643	0.0185	0.00103	0.0000106	0.0176	0.0278	0.675	0.0443	0.000017	172	0.000117	0.0156	0.00099	0.00845	0.0426	0.0000506	30.9	55	0.345	0.0121	155	0.0527	0.0161	0.000151	0.003	0.00213	1.49	0.00000742	0.00544	0.00216	0.00423	0.000862
2048 Jul	1220	0.689	3.54	0.0714	200	0.328	614	0.0196	0.00111	0.0000103	0.0165	0.0279	0.614	0.0407	0.0000165	167	0.000107	0.014	0.000911	0.00758	0.0421	0.0000461	29.2	50.3	0.326	0.0114	138	0.047	0.0173	0.000142	0.00275	0.00207	1.37	0.0000074	0.0049	0.00197	0.00403	0.000916
2048 Aug	1330	0.766	4.03	0.0724	227	0.394	656	0.0168	0.000933	0.0000108	0.0185	0.027	0.722	0.0462	0.0000171	172	0.000125	0.0168	0.00103	0.00912	0.0403	0.0000542	31.8	58.5	0.353	0.0125	155	0.0573	0.0146	0.000134	0.00319	0.00214	1.58	0.00000729	0.00587	0.00228	0.00437	0.000783
2048 Sep	1370	0.793	4.19	0.0733	236	0.419	679	0.0162	0.000878	0.000011	0.0192	0.0272	0.764	0.0482	0.0000175	175	0.000132	0.0178	0.00108	0.00969	0.0394	0.0000572	33	61.7	0.366	0.0131	161	0.0612	0.0132	0.000129	0.00337	0.0022	1.67	0.00000734	0.00624	0.00239	0.0045	0.000758
2048 Oct	1370	0.78	4.1	0.0742	231	0.411	685	0.0174	0.000926	0.000011	0.019	0.0281	0.754	0.0475	0.0000177	178	0.00013	0.0175	0.00107	0.0095	0.0395	0.0000562	33.1	61	0.367	0.0131	158	0.0599	0.0131	0.000127	0.00333	0.00223	1.65	0.00000751	0.00613	0.00235	0.00447	0.000815
2048 Nov	1370	0.776	4.07	0.0745	229	0.409	686	0.0178	0.000943	0.000011	0.0189	0.0284	0.75	0.0473	0.0000177	179	0.000129	0.0174	0.00106	0.00944	0.0396	0.0000559	33.1	60.8	0.367	0.0131	157	0.0594	0.0131	0.000127	0.00331	0.00225	1.65	0.00000757	0.0061	0.00233	0.00446	0.000833
2048 Dec	1370	0.776	4.06	0.0746	229	0.408	687	0.0178	0.000946	0.0000111	0.0189	0.0285	0.75	0.0472	0.0000177	179	0.000129	0.0174	0.00106	0.00943	0.0396	0.0000558	33.2	60.8	0.367	0.0131	157	0.0594	0.0132	0.000127	0.00331	0.00225	1.64	0.00000758	0.00609	0.00233	0.00446	0.000836
2049 Jan	1370	0.775	4.06	0.0747	229	0.408	687	0.0179	0.000949	0.0000111	0.0189	0.0285	0.75	0.0472	0.0000177	180	0.000129	0.0174	0.00106	0.00942	0.0397	0.0000558	33.2	60.8	0.368	0.0131	157	0.0593	0.0132	0.000127	0.00331	0.00225	1.64	0.00000759	0.00609	0.00233	0.00446	0.00084
2049 Feb	1370	0.775	4.06	0.0748	228	0.408	688	0.018	0.000953	0.0000111	0.0189	0.0286	0.749	0.0472	0.0000178	180	0.000129	0.0174	0.00106	0.00941	0.0397	0.0000558	33.2	60.7	0.368	0.0131	156	0.0593	0.0132	0.000127	0.00331	0.00225	1.64	0.00000761	0.00608	0.00233	0.00446	0.000845
2049 Mar	1370	0.775	4.05	0.0749	228	0.407	689	0.0181	0.000957	0.0000111	0.0189	0.0287	0.749	0.0472	0.0000178	180	0.000129	0.0174	0.00106	0.00941	0.0397	0.0000557	33.2	60.7	0.368	0.0131	156	0.0592	0.0132	0.000127	0.00331	0.00226	1.64	0.00000763	0.00608	0.00233	0.00446	0.00085
2049 Apr	1380	0.775	4.05	0.0751	228	0.408	691	0.0183	0.000963	0.0000111	0.0189	0.0288	0.75	0.0472	0.0000178	181	0.000129	0.0174	0.00107	0.00941	0.0398	0.0000557	33.3	60.8	0.369	0.0131	156	0.0592	0.0132	0.000127	0.00331	0.00227	1.65	0.00000765	0.00608	0.00233	0.00447	0.000856
2049 May	1380	0.778	4.07	0.0756	229	0.409	695	0.0184	0.000971	0.0000112	0.019	0.029	0.753	0.0474	0.0000179	182	0.00013	0.0174	0.00107	0.00944	0.04	0.0000559	33.5	61	0.371	0.0132	157	0.0594	0.0132	0.000128	0.00332	0.00228	1.65	0.0000077	0.0061	0.00234	0.00448	0.000864
2049 Jun	1190	0.666	3.47	0.0652	196	0.351	598	0.0162	0.000959	0.0000102	0.0171	0.0253	0.645	0.0418	0.000016	158	0.000113	0.0149	0.000927	0.00812	0.0391	0.0000489	28.9	52.4	0.321	0.0114	134	0.0508	0.0164	0.000121	0.00287	0.00197	1.42	0.00000688	0.00522	0.00206	0.00408	0.000756
2049 Jul	1160	0.623	3.2	0.065	181	0.329	594	0.018	0.00104	0.0000101	0.0164	0.0263	0.611	0.0397	0.0000156	160	0.000107	0.014	0.000887	0.00776	0.0391	0.0000461	28.4	49.8	0.315	0.0111	125	0.0473	0.0168	0.000117	0.00274	0.00199	1.35	0.00000707	0.0049	0.00195	0.00398	0.000838
2049 Aug	1260	0.67	3.47	0.0683	196	0.372	647	0.0181	0.00101	0.0000107	0.0178	0.0277	0.687	0.0437	0.000017	171	0.000119	0.0159	0.000981	0.00859	0.0393	0.0000515	31.1	55.8	0.344	0.0122	135	0.0539	0.015	0.000118	0.00306	0.00214	1.51	0.0000074	0.00555	0.00216	0.00428	0.000845
2049 Sep	1320	0.709	3.72	0.0681	209	0.414	673	0.0162	0.000881	0.0000109	0.0191	0.027	0.755	0.0471	0.0000174	174	0.000131	0.0176	0.00106	0.00956	0.0383	0.0000566	32.7	61	0.361	0.0129	143	0.0604	0.0131	0.000115	0.00333	0.00218	1.65	0.0000073	0.00616	0.00235	0.00447	0.000758
2049 Oct	1330	0.7	3.65	0.0692	205	0.409	683	0.0174	0.000925	0.000011	0.0189	0.0281	0.75	0.0467	0.0000176	177	0.00013	0.0174	0.00105	0.00944	0.0382	0.0000559	33	60.7	0.364	0.013	141	0.0596	0.0129	0.000113	0.00331	0.00223	1.64	0.00000749	0.00611	0.00232	0.00446	0.000816
2049 Nov	1330	0.693	3.59	0.0704	202	0.403	690	0.0186	0.000974	0.0000111	0.0188	0.029	0.744	0.0463	0.0000178	181	0.000128	0.0172	0.00105	0.0093	0.0385	0.0000552	33.2	60.3	0.366	0.0131	139	0.0586	0.0129	0.000112	0.00329	0.00227	1.63	0.00000768	0.00603	0.023	0.00444	0.00087
2049 Dec	1330	0.692	3.58	0.0705	201	0.403	691	0.0187	0.000979	0.0000111	0.0188	0.0291	0.743	0.0463	0.0000178	181	0.000128	0.0172	0.00105	0.00928	0.0386	0.0000551	33.2	60.2	0.367	0.0131	139	0.0585	0.013	0.000112	0.00328	0.00227	1.63	0.0000077	0.00602	0.00229	0.00444	0.000876
2050 Jan	1330	0.692	3.58	0.0707	201	0.402	692	0.0188	0.000984	0.0000111	0.0188	0.0292	0.742	0.0462	0.0000178	182	0.000128	0.0172	0.00105	0.00927	0.0386	0.0000551	33.2	60.2	0.367	0.0131	139	0.0584	0.013	0.000112	0.00328	0.00227	1.63	0.00000772	0.00601	0.00229	0.00444	0.000881
2050 Feb	1330	0.691	3.57	0.0709	201	0.402	693	0.019	0.000991	0.0000111	0.0187	0.0294	0.742	0.0462	0.0000179	182	0.000128	0.0171	0.00105	0.00926	0.0387	0.000055	33.3	60.2	0.367	0.0131	139	0.0583	0.013	0.000112	0.00328	0.00228	1.63	0.00000775	0.006	0.00229	0.00444	0.00089
2050 Mar	1340	0.691	3.57	0.071	201	0.401	694	0.0191	0.000996	0.0000111	0.0187	0.0295	0.741	0.0462	0.0000179	183	0.000127	0.0171	0.00105	0.00925	0.0387	0.0000549	33.3	60.1	0.368	0.0131	139	0.0582	0.013	0.000112	0.00328	0.00229	1.63	0.00000777	0.006	0.00229	0.00444	0.000895
2050 Apr	1340	0.691	3.57	0.0712	201	0.401	696	0.0192	0.001	0.0000111	0.0187	0.0296	0.742	0.0462	0.0000179	183	0.000127	0.0171	0.00105	0.00925	0.0388	0.0000549	33.4	60.2	0.369	0.0132	139	0.0582	0.013	0.000112	0.00328	0.00229	1.63	0.00000779	0.006	0.00229	0.00445	0.000901
2050 May	1340	0.693	3.58	0.0716	201	0.403	699	0.0194	0.00101	0.0000112	0.0188	0.0298	0.744	0.0464	0.000018	184	0.000128	0.0172	0.00105	0.00927	0.039	0.0000551	33.6	60.4	0.37	0.0132	139	0.0583	0.013	0.000113	0.00329	0.00231	1.63	0.00000784	0.00602	0.0023	0.00447	0.000909
2050 Jun	1220	0.624	3.21	0.0652	181	0.363	635	0.018	0.00101	0.0000105	0.0175	0.0273	0.67	0.0426	0.0000167	168	0.000117	0.0154	0.000958	0.0836	0.0387	0.0000502	30.5	54.5	0.337	0.012	125	0.0524	0.0152	0.000113	0.00298	0.0021	1.48	0.0000073	0.00541	0.00221	0.00419	0.000843
2050 Jul	1180	0.582	2.95	0.0647	166	0.339	625	0.0195	0.00108	0.0000103	0.0167	0.0281	0.633	0.0404	0.0000166	169	0.00011	0.0145	0.000912	0.0078	0.0386	0.0000472	29.7	51.6	0.329	0.0116	116	0.0486	0.0155	0.000109	0.00283	0.0021	1.4	0.00000741	0.00506	0.00198	0.00406	0.000912
2050 Aug	1250	0.604	3.07	0.067	173	0.365	664	0.0201	0.00107	0.0000108	0.0176	0.0294	0.681	0.0428	0.0000174	178	0.000117	0.0156	0.000973	0.0084	0.0387	0.0000505	31.6	55.4	0.349	0.0124	121	0.0526	0.0142	0.00011	0.00303	0.00222	1.5	0.00000771	0.00546	0.00211	0.00425	0.00094
2050 Sep	1290	0.626	3.21	0.0673	180	0.394	688	0.0193	0.00101	0.000011	0.0185	0.0294	0.729	0.0453	0.0000178	181	0.000125	0.0168	0.00103	0.00907	0.0382	0.000054	33	59.2	0.364	0.013	126	0.0571	0.0128	0.000109	0.00323	0.00227	1.6	0.00000774	0.00589	0.00225	0.0044	0.000903
2050 Oct	1320	0.627	3.19	0.0699	179	0.395	711	0.021	0.00107	0.0000112	0.0186	0.0311	0.737	0.0455	0.0000183	189	0.000126	0.0169	0.00104	0.00909	0.0387	0.0000541	33.9	59.9	0.374	0.0133	125	0.0571	0.0124	0.000109	0.00326	0.00236	1.62	0.00000809	0.00592	0.00226	0.00446	0.000986
2050 Nov	1340	0.626	3.17	0.0714	178	0.393	723	0.0221	0.00111	0.0000114	0.0185	0.0321	0.737	0.0454	0.0000186	193	0.000125	0.0169	0.00105	0.00903	0.039	0.0000539	34.3	60	0.378	0.0135	125	0.0567	0.0123	0.000109	0.00327	0.00241	1.62	0.00000829	0.0059	0.00225	0.00447	0.00104
2050 Dec	1340	0.626	3.16	0.0716	177	0.393	725	0.0223	0.00112	0.0000114	0.0185	0.0323	0.736	0.0454	0.0000186	194	0.000125	0.0169	0.00105	0.00902	0.039	0.0000538	34.4	59.9	0.379	0.0135	125	0.0566	0.0123	0.000109	0.00327	0.00242	1.62	0.00000832	0.0059	0.00225	0.00447	0.00105
2051 Jan	1340	0.626	3.16	0.0717	177	0.393	726	0.0224	0.00112	0.0000114	0.0185	0.0324	0.736	0.0454	0.0000186	194	0.000125	0.0168	0.00105	0.00901	0.0391	0.0000538	34.4	59.9	0.379	0.0135	125	0.0566	0.0123	0.000109	0.00326	0.00243	1.62	0.00000834	0.00589	0.00225	0.00447	0.00105
2051 Feb	1340	0.625	3.16	0.0719	177	0.392	726	0.0225	0.00113	0.0000114	0.0185	0.0324	0.736	0.0454	0.0000186	194	0.000125	0.0168	0.00105	0.009	0.0391	0.0000537	34.5	59.9	0.38	0.0135	125	0.0565	0.0123	0.000109	0.00326	0.00243	1.62	0.00000836	0.00589	0.00225	0.00447	0.00106
2051 Mar	1340	0.625	3.15	0.072	177	0.392	727	0.0226	0.00113	0.0000114	0.0185	0.0325	0.735	0.0453	0.0000187	195	0.000125	0.0168	0.00105	0.00899	0.0391	0.0000537	34.5	59.9	0.38	0.0135	124	0.0565	0.0123	0.000109	0.00326	0.00243	1.62	0.00000838	0.00588	0.00225	0.00448	0.00106
2051 Apr	1350	0.626	3.15	0.0722	177	0.392	729	0.0227	0.00113	0.0000114	0.0185	0.0327	0.736	0.0454	0.0000187	195	0.000125	0.0168	0.00105	0.009	0.0392	0.0000537	34.6	60	0.381	0.0136	125	0.0565	0.0123	0.000109	0.00327	0.00244	1.62	0.0000084	0.00589	0.00225	0.00448	0.00107
2051 May	1350	0.626	3.15	0.0724	177	0.392	730	0.0228	0.00114	0.0000115	0.0185	0.0328	0.736	0.0455	0.0000188	196	0.000125	0.0168	0.00105	0.009	0.0397	0.0000538	34.6	60	0.382	0.0136	125	0.0565	0.0125	0.000113	0.00327	0.00245	1.63	0.00000843	0.00589	0.00225	0.00449	0.00107
2051 Jun	1120	0.517	2.58	0.0596	146	0.33	607	0.0189	0.00108	0.0000102	0.0164	0.0273	0.615	0.041	0.0000162	165	0.000107	0.0141	0.000916	0.00762	0.0423	0.0000461	28.9	50.3	0.324	0.0113	103	0.0473	0.017	0.000152	0.00275	0.00204	1.37	0.00000725	0.00492	0.00199	0.004	0.000884
2051 Jul	1150	0.504	2.48	0.0624	140	0.323	631	0.0214	0.00117	0.0000104	0.0162	0.0295	0.611	0.0403	0.0000168	174	0.000106	0.0139	0.000913	0.00745	0.0422	0.0000453	29.8	50.2	0.333	0.0116	99.4	0.0461	0.0163	0.000146	0.00275	0.00215	1.37	0.00000768	0.00484	0.00195	0.0042	0.001
2051 Aug	1240	0.557	2.85	0.06	160	0.4	671	0.0173	0.000925	0.0000108	0.0186	0.0277	0.735	0.0466	0.0000174	175	0.000127	0.0171	0.00105	0.00926	0.0397	0.0000548	32.4	59.6	0.36	0.0128	112	0.0583	0.0132	0.000134	0.00325	0.0022	1.61	0.0000074	0.00598	0.0023	0.00439	0.00081
2051 Sep	1260	0.569	2.93	0.0588	165	0.423	682	0.0159	0.000843	0.0000109	0.0192	0.0271	0.771	0.0483	0.0000175	175	0.000133	0.018	0.00109	0.0098	0.0385	0.0000576	33.2	62.3	0.367	0.0131	114	0.0619	0.0121	0.000126	0.00339	0.0022	1.68	0.00000728	0.00631	0.0024	0.00448	0.000747
2051 Oct	1200	0.538	2.73	0.0574	154	0.398	658	0.0165	0.000888	0.0000106	0.0184	0.0269	0.727	0.046	0.000017	171	0.000125	0.0169	0.00103	0.00919	0.0383	0.0000543	31.8	58.9	0.352	0.0126	107	0.0578	0.0134	0.000118	0.0032	0.00214	1.59	0.0000072	0.00592	0.00225	0.00428	0.000774
2051 Nov	1210	0.535	2.7	0.0579	152	0.395	660	0.017	0.00091	0.0000107	0.0183	0.0273	0.722	0.0457	0.000017	172	0.000124	0.0168	0.00103	0.00911	0.0384	0.0000539	31.9	58.5	0.353	0.0126	106	0.0573	0.0135	0.000117	0.00318	0.00216	1.58	0.00000728	0.00587	0.00224	0.00427	0.000797
2051 Dec	1210	0.535	2.7	0.058	152	0.394	660	0.0171	0.000914	0.0000107	0.0183	0.0273	0.722	0.0457	0.0000171	173	0.000124	0.0168	0.00102	0.0091	0.0385	0.0000538	31.9	58.5	0.353	0.0126	106	0.0572	0.0135	0.000117	0.00318	0.00216	1.58	0.00000729	0.00587	0.00224	0.00426	0.000801
2052 Jan	1210	0.535	2.69	0.0582	152	0.394	661	0.0172	0.000919	0.0000107	0.0183	0.0274	0.721	0.0457	0.0000171	173	0.000124	0.0167	0.00102	0.00909	0.0385	0.0000538	31.9	58.5	0.353	0.0126	106	0.0571	0.0135	0.000117	0.00318	0.00216	1.58	0.00000731	0.00586	0.00223	0.00427	0.000807
2052 Feb	1210	0.534	2.69	0.0584	152	0.393	663	0.0174	0.000927	0.0000107	0.0183	0.0276	0.721	0.0457	0.0000171	174	0.000124	0.0167	0.00102	0.00907	0.0386	0.0000537	32	58.5	0.354	0.0126	106	0.057	0.0135	0.000118	0.00318	0.00217	1.58	0.00000735	0.00585	0.00223	0.00427	0.000816
2052 Mar	1210	0.534	2.69	0.

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2054 Dec	1250	0.426	2.04	0.0569	115	0.416	737	0.021	0.00102	0.0000114	0.019	0.0318	0.773	0.0488	0.0000187	195	0.000131	0.0178	0.00112	0.00959	0.0415	0.0000565	35.2	63	0.392	0.0139	83	0.0603	0.011	0.000152	0.00341	0.00244	1.71	0.00000819	0.00624	0.00239	0.00452	0.000987
2055 Jan	1250	0.426	2.04	0.057	115	0.415	737	0.0211	0.00102	0.0000114	0.019	0.0318	0.773	0.0488	0.0000187	195	0.000131	0.0178	0.00112	0.00958	0.0416	0.0000564	35.3	62.9	0.393	0.0139	82.9	0.0603	0.011	0.000152	0.00341	0.00244	1.7	0.0000082	0.00623	0.00239	0.00452	0.000991
2055 Feb	1250	0.426	2.04	0.0572	115	0.415	738	0.0211	0.00103	0.0000114	0.019	0.0319	0.772	0.0488	0.0000187	196	0.000131	0.0178	0.00112	0.00957	0.0416	0.0000564	35.3	62.9	0.393	0.0139	82.9	0.0602	0.011	0.000152	0.00341	0.00245	1.7	0.00000822	0.00623	0.00239	0.00452	0.000996
2055 Mar	1260	0.426	2.04	0.0573	114	0.415	739	0.0212	0.00103	0.0000114	0.019	0.032	0.772	0.0487	0.0000187	196	0.000131	0.0178	0.00112	0.00956	0.0417	0.0000563	35.3	62.9	0.393	0.0139	82.9	0.0601	0.011	0.000152	0.00341	0.00245	1.7	0.00000823	0.00622	0.00238	0.00452	0.001
2055 Apr	1260	0.426	2.04	0.0575	114	0.415	740	0.0214	0.00104	0.0000114	0.019	0.0321	0.772	0.0488	0.0000187	197	0.000131	0.0178	0.00112	0.00956	0.0418	0.0000563	35.4	62.9	0.394	0.0139	82.9	0.0601	0.011	0.000152	0.00341	0.00246	1.7	0.00000826	0.00622	0.00238	0.00452	0.00101
2055 May	1260	0.428	2.04	0.0579	115	0.416	744	0.0216	0.00105	0.0000115	0.019	0.0323	0.775	0.0489	0.0000188	198	0.000131	0.0178	0.00112	0.00959	0.042	0.0000565	35.5	63.1	0.396	0.014	83.2	0.0603	0.011	0.000153	0.00342	0.00247	1.71	0.00000831	0.00624	0.00239	0.00454	0.00102
2055 Jun	1090	0.366	1.73	0.0503	97.9	0.357	643	0.0191	0.00103	0.0000105	0.0172	0.0282	0.665	0.0431	0.0000168	172	0.000115	0.0153	0.000971	0.00825	0.0408	0.0000494	30.7	54.2	0.342	0.012	71.1	0.0515	0.0146	0.000142	0.00296	0.00214	1.47	0.00000744	0.00534	0.0021	0.00414	0.000894
2055 Jul	1100	0.352	1.62	0.0532	91.1	0.341	656	0.0217	0.00114	0.0000106	0.0167	0.0303	0.644	0.0415	0.0000172	179	0.00011	0.0146	0.000947	0.00785	0.0409	0.0000474	31	52.7	0.345	0.0121	67.7	0.0488	0.0146	0.000135	0.00288	0.00222	1.43	0.00000784	0.00512	0.00202	0.00411	0.00102
2055 Aug	1160	0.368	1.73	0.0527	97.1	0.383	693	0.0206	0.00105	0.000011	0.0181	0.0304	0.715	0.0451	0.0000179	185	0.000122	0.0164	0.00103	0.00883	0.04	0.0000526	33	58.2	0.366	0.013	71.3	0.0554	0.0127	0.00013	0.00317	0.00231	1.58	0.00000791	0.00575	0.00222	0.00435	0.000966
2055 Sep	1190	0.373	1.78	0.052	99.6	0.405	709	0.0198	0.000993	0.0000111	0.0187	0.0303	0.752	0.0468	0.0000181	187	0.000128	0.0174	0.00107	0.00934	0.039	0.0000553	34	61	0.376	0.0134	72.7	0.0588	0.0115	0.000125	0.00332	0.00234	1.65	0.00000789	0.00607	0.00232	0.00446	0.000929
2055 Oct	1210	0.375	1.76	0.0544	98.4	0.404	727	0.0214	0.00105	0.0000113	0.0187	0.0317	0.753	0.0467	0.0000185	193	0.000128	0.0173	0.00107	0.00929	0.0393	0.0000551	34.7	61.3	0.383	0.0136	72.6	0.0585	0.0112	0.000124	0.00333	0.00242	1.66	0.00000819	0.00606	0.00231	0.00449	0.001
2055 Nov	1220	0.375	1.75	0.0552	97.9	0.402	733	0.0219	0.00107	0.0000114	0.0187	0.0322	0.752	0.0466	0.0000186	195	0.000128	0.0173	0.00107	0.00925	0.0395	0.0000549	34.9	61.3	0.385	0.0137	72.5	0.0582	0.0111	0.000124	0.00333	0.00244	1.66	0.00000829	0.00604	0.0023	0.00449	0.00103
2055 Dec	1220	0.375	1.75	0.0553	97.8	0.402	733	0.022	0.00108	0.0000114	0.0187	0.0323	0.752	0.0466	0.0000187	195	0.000128	0.0173	0.00107	0.00924	0.0395	0.0000548	34.9	61.2	0.386	0.0137	72.4	0.0581	0.0111	0.000124	0.00333	0.00244	1.66	0.0000083	0.00604	0.0023	0.00449	0.00104
2056 Jan	1220	0.375	1.75	0.0555	97.7	0.401	734	0.0221	0.00108	0.0000114	0.0186	0.0324	0.752	0.0465	0.0000187	196	0.000127	0.0172	0.00107	0.00923	0.0395	0.0000548	34.9	61.2	0.386	0.0137	72.4	0.058	0.0111	0.000124	0.00333	0.00245	1.66	0.00000832	0.00603	0.0023	0.00449	0.00104
2056 Feb	1220	0.375	1.75	0.0556	97.6	0.401	735	0.0222	0.00109	0.0000114	0.0186	0.0325	0.751	0.0465	0.0000187	196	0.000127	0.0172	0.00107	0.00922	0.0396	0.0000547	34.9	61.2	0.386	0.0137	72.4	0.058	0.0111	0.000124	0.00333	0.00245	1.66	0.00000834	0.00603	0.0023	0.00449	0.00104
2056 Mar	1220	0.375	1.75	0.0558	97.5	0.401	736	0.0223	0.00109	0.0000114	0.0186	0.0326	0.751	0.0465	0.0000187	196	0.000127	0.0172	0.00107	0.00921	0.0396	0.0000547	35	61.2	0.387	0.0137	72.4	0.0579	0.0111	0.000124	0.00333	0.00245	1.66	0.00000836	0.00602	0.0023	0.00449	0.00105
2056 Apr	1220	0.375	1.75	0.056	97.6	0.401	737	0.0224	0.0011	0.0000114	0.0186	0.0327	0.752	0.0465	0.0000188	197	0.000127	0.0172	0.00107	0.00921	0.0397	0.0000547	35	61.2	0.387	0.0137	72.4	0.0579	0.0111	0.000124	0.00333	0.00246	1.66	0.00000838	0.00602	0.0023	0.0045	0.00106
2056 May	1200	0.369	1.71	0.0551	95.9	0.393	724	0.0222	0.0011	0.0000113	0.0184	0.0322	0.736	0.0464	0.0000185	194	0.000125	0.0169	0.00107	0.00904	0.0414	0.0000537	34.4	60.1	0.382	0.0135	71.1	0.0567	0.0121	0.000142	0.00327	0.00242	1.63	0.00000829	0.0059	0.00228	0.00445	0.00104
2056 Jun	1070	0.328	1.48	0.049	84.7	0.344	639	0.0201	0.00108	0.0000104	0.0167	0.0289	0.643	0.0444	0.0000168	175	0.000111	0.0147	0.000993	0.00798	0.0472	0.0000477	30.5	52.9	0.347	0.0119	62.4	0.0494	0.0159	0.000213	0.00287	0.00215	1.44	0.00000754	0.00515	0.00211	0.00406	0.000939
2056 Jul	1130	0.333	1.47	0.0535	83.9	0.35	681	0.0228	0.00118	0.0000109	0.017	0.0317	0.662	0.0448	0.0000177	188	0.000113	0.0151	0.00102	0.00808	0.0472	0.0000484	32.2	54.5	0.364	0.0125	63	0.0501	0.015	0.000204	0.00296	0.00232	1.48	0.00000812	0.00525	0.00213	0.00418	0.00107
2056 Aug	1170	0.343	1.59	0.0498	89.9	0.402	705	0.0197	0.000996	0.0000111	0.0186	0.0302	0.747	0.0484	0.000018	187	0.000128	0.0173	0.0011	0.00932	0.0437	0.000055	33.9	60.9	0.38	0.0133	66	0.0585	0.0124	0.000179	0.0033	0.00233	1.65	0.00000787	0.00603	0.00236	0.00443	0.000927
2056 Sep	1200	0.351	1.67	0.0481	94.1	0.438	727	0.0181	0.000893	0.0000113	0.0197	0.0296	0.805	0.051	0.0000184	189	0.000138	0.0187	0.00115	0.0101	0.0417	0.0000594	35.2	65.2	0.393	0.0139	68.3	0.0641	0.0107	0.000164	0.00354	0.00237	1.76	0.00000779	0.00656	0.00251	0.00461	0.000851
2056 Oct	1210	0.348	1.64	0.0491	92.2	0.431	730	0.019	0.000928	0.0000113	0.0194	0.0303	0.795	0.0502	0.0000184	191	0.000136	0.0185	0.00114	0.00997	0.0415	0.0000584	35.2	64.5	0.393	0.0139	67.4	0.0629	0.0106	0.00016	0.0035	0.00239	1.75	0.0000079	0.00646	0.00247	0.00458	0.000893
2056 Nov	1200	0.347	1.63	0.0494	91.6	0.428	729	0.0192	0.000939	0.0000113	0.0193	0.0304	0.79	0.05	0.0000184	191	0.000135	0.0183	0.00114	0.0099	0.0415	0.0000581	35.1	64.2	0.392	0.0139	67.1	0.0625	0.0107	0.000159	0.00348	0.00239	1.74	0.00000792	0.00642	0.00246	0.00456	0.000903
2056 Dec	1200	0.347	1.62	0.0495	91.5	0.428	730	0.0193	0.000944	0.0000113	0.0193	0.0305	0.79	0.05	0.0000184	191	0.000135	0.0183	0.00114	0.00989	0.0416	0.000058	35.2	64.1	0.392	0.0139	67	0.0624	0.0107	0.000159	0.00348	0.0024	1.74	0.00000794	0.00641	0.00245	0.00456	0.000909
2057 Jan	1210	0.347	1.62	0.0497	91.4	0.427	731	0.0194	0.000949	0.0000113	0.0193	0.0306	0.789	0.0499	0.0000185	192	0.000134	0.0183	0.00114	0.00988	0.0416	0.0000579	35.2	64.1	0.393	0.0139	67	0.0623	0.0107	0.000159	0.00348	0.0024	1.74	0.00000796	0.0064	0.00245	0.00456	0.000914
2057 Feb	1210	0.347	1.62	0.0499	91.3	0.427	732	0.0195	0.000953	0.0000114	0.0193	0.0307	0.789	0.0499	0.0000185	192	0.000134	0.0183	0.00114	0.00987	0.0416	0.0000579	35.2	64.1	0.393	0.0139	67	0.0622	0.0107	0.000159	0.00348	0.0024	1.74	0.00000798	0.0064	0.00245	0.00456	0.000919
2057 Mar	1210	0.347	1.62	0.0501	91.2	0.426	734	0.0197	0.00096	0.0000114	0.0193	0.0308	0.789	0.0499	0.0000185	193	0.000134	0.0183	0.00114	0.00985	0.0417	0.0000578	35.3	64.1	0.393	0.0139	67	0.0621	0.0107	0.000159	0.00348	0.00241	1.73	0.00000801	0.00639	0.00245	0.00456	0.000927
2057 Apr	1210	0.348	1.62	0.0504	91.1	0.426	736	0.0199	0.000967	0.0000114	0.0193	0.031	0.789	0.0499	0.0000186	193	0.000134	0.0183	0.00114	0.00985	0.0418	0.0000578	35.4	64.1	0.394	0.0139	67	0.0621	0.0107	0.000159	0.00348	0.00242	1.74	0.00000805	0.00639	0.00245	0.00457	0.000935
2057 May	1220	0.349	1.62	0.0507	91.3	0.427	739	0.02	0.000976	0.0000114	0.0194	0.0312	0.791	0.0501	0.0000187	194	0.000135	0.0183	0.00114	0.00987	0.0421	0.000058	35.5	64.3	0.396	0.014	67.2	0.0622	0.0108	0.000161	0.00349	0.00243	1.74	0.00000809	0.00641	0.00246	0.00458	0.000944
2057 Jun	1060	0.303	1.38	0.045	78.8	0.366	643	0.0182	0.000984	0.0000104	0.0173	0.0277	0.678	0.0451	0.0000168	172	0.000117	0.0156	0.00101	0.00849	0.0436	0.0000505	30.9	55.3	0.348	0.0121	58	0.053	0.0146	0.00018	0.00301	0.00213	1.5	0.00000732	0.00547	0.00218	0.00416	0.000853
2057 Jul	1080	0.302	1.35	0.0471	77	0.363	658	0.0197	0.00104	0.0000106	0.0173	0.0291	0.676	0.0447	0.0000171	177	0.000116	0.0155	0.00101	0.00839	0.0435	0.00005	31.4	55.3	0.353	0.0123	57.4	0.0524	0.0143	0.000174	0.00301	0.0022	1.5	0.0000076	0.00543	0.00216	0.00418	0.000926
2057 Aug	1150	0.315	1.48	0.0441	83.8	0.427	700	0.017	0.000868	0.0000111	0.0193	0.0282	0.782	0.0497	0.0000178	181	0.000135	0.0182	0.00112	0.00989	0.041	0.000058	34	63.3	0.379	0.0134	61.1	0.0625	0.0116	0.000157	0.00344	0.00227	1.71	0.0000075	0.00638	0.00245	0.00453	0.000797
2057 Sep	1180	0.318	1.49	0.0459	83.7	0.433	720	0.018	0.000898	0.0000113	0.0195	0.0294	0.795	0.0501	0.0000182	187	0.000136	0.0185	0.00113	0.01	0.0408	0.0000587	34.8	64.5	0.388	0.0138	61.5	0.0633	0.0109	0.000152	0.0035	0.00235	1.74	0.00000774	0.00648	0.00248	0.00459	0.000847
2057 Oct	1190	0.318	1.46	0.0481	82.1	0.426	732	0.0196	0.000958	0.0000114	0.0193	0.0307	0.788	0.0495	0.0000185	192	0.000134	0.0183	0.00113	0.00985	0.0409	0.0000579	35.2	64	0.392	0.0139	61	0.0622	0.0107	0.00015	0.00348	0.0024	1.73	0.00000799	0.00639	0.00244	0.00458	0.00092
2057 Nov	1200	0.318	1.45	0.0495	81.2	0.422	739	0.0205	0.000998	0.0000114	0.0193	0.0315	0.784	0.0492	0.0000187	195	0.000133	0.0181	0.00112	0.00975	0.0411	0.0000574	35.4	63.7	0.394	0.0139	60.8	0.0614	0.0108	0.000149	0.00346	0.00244	1.73	0.00000815	0.00634	0.00243	0.00458	0.000965
2057 Dec	1200	0.318	1.45	0.0496	81.1	0.422	740	0.0206	0.001	0.0000115	0.0192	0.0316	0.783	0.0492	0.0000187	195	0.000133	0.0181	0.00112	0.00974	0.0412	0.0000573	35.4	63.7	0.394	0.014	60.8	0.0614	0.0108	0.000149	0.00346	0.00244	1.72	0.00000817	0.00633	0.00242	0.00458	0.00097
2058 Jan	1200	0.318	1.45	0.0497	81	0.421	740	0.0207	0.00101	0.0000115	0.0192	0.0316	0.783	0.0491	0.0000187	195	0.000133	0.0181	0.00112	0.00973	0.0412	0.0000573	35.5	63.7	0.394	0.014	60.8	0.0613	0.0108	0.000149	0.00346	0.00244	1.72	0.00000818	0.00633	0.00242	0.00458	0.000973
2058 Feb	1200	0.318	1.44	0.0499	81	0.421	741	0.0208	0.00101	0.0000115	0.0192	0.0317	0.783	0.0491	0.0000187	196	0.000133	0.0181	0.00112	0.00972	0.0412	0.0000572	35.5	63.7	0.395	0.014	60.8	0.0612	0.0108	0.000149	0.00346	0.00245	1.72	0.00000819	0.00632	0.00242	0.00458	0.000977
2058 Mar	1200	0.318	1.44	0.05	80.9	0.421	742	0.0209	0.00101	0.0000115	0.0192	0.0318	0.782	0.0491	0.0000188	196	0.000133	0.0181	0.00112	0.00971	0.0413	0.0000572	35.5	63.6	0.395	0.014	60.8	0.0612	0.0108	0.000149	0.00345	0.00245	1.72	0.00000821	0.00632	0.00242	0.00458	0.000983
2058 Apr	1210	0.319	1.44	0.0502	80.9	0.421	743	0.021	0.00102	0.0000115	0.0192	0.0319	0.783	0.0491	0.0000188	197	0.000133	0.0181	0.00112	0.00971	0.0413	0.0000572	35.6	63.7	0.396	0.014	60.8	0.0611	0.0108	0.000149	0.00346	0.00246	1.72	0.00000824	0.00632	0.00242	0.00458	0.000989
2058 May	1170	0.31	1.39	0.0487	78.8	0.408	720	0.0204	0.00102	0.0000113	0.0188	0.031	0.758	0.0489	0.0000184	191	0.000129	0.0175	0.00111	0.00944	0.0438	0.0000557	34.5	61.8	0.387	0.0136	59	0.0593	0.0123	0.000176	0.00335	0.00239	1.68	0.00000804	0.00612	0.00238	0.00449	0.000959
2058 Jun	974	0.26	1.11	0.0411	65.4	0.331	595	0.0178	0.00101	0.00000996	0.0162	0.0263	0.614	0.0452	0.0000158	164	0.000107	0.0142	0.000988	0.00775	0.0516	0.0000462	28.6	50.7	0.332	0.0111	48.4	0.0478	0.0179	0.000271	0.00275	0.002	1.38	0.000007	0.00494	0.0021	0.00391	0.000829
2058 Jul	1030	0.266	1.12	0.0449	65.1	0.341	636	0.02	0.00108	0.0000104	0.0165	0.0288	0.638	0.0455	0.0000167	175	0.00011	0.0146	0.00101	0.00794	0.0505	0.0000474	30.3	52.7	0.349	0.0118	49.2	0.0491	0.0164	0.000253	0.00285	0.00215	1.44	0.0000075	0.00511	0.00213	0.00403	0.000937
2058 Aug	1090	0.275	1.23	0.0417	70.8	0.403	674	0.0172	0.000898	0.0000108	0.0185	0.0278	0.74	0.0495	0.0000173	178	0.000128	0.0172	0.00111	0.00938	0.046	0.000055	32.7	60.3	0.371	0.0129	52.3	0.0588	0.0133	0.000216	0.00327	0.00221	1.63	0.00000737	0.00602	0.00239	0.00435	0.000806
2058 Sep	1110	0.277	1.25	0.0415	71.5	0.417	688	0.017	0.000866	0.0000109	0.0189	0.028	0.764	0.0502	0.0000175	180	0.000131	0.0178	0.00112	0.00969	0.0442	0.0000567	33.4	62.1	0.377	0.0132	52.7	0.061	0.0121	0.000199	0.00337	0.00224	1.68	0.0000074	0.00624	0.00244	0.00442	0.000796
2058 Oct	1140	0.278	1.24	0.0441	70.2	0.413	706	0.0187	0.000929	0.000011	0.0188	0.0295	0.763	0.0497	0.0000179	186	0.00013	0.0177	0.00112	0.00959	0.044	0.0000562	34	62.1	0.383	0.0134	52.6	0.0603	0.0117	0.000192	0.00337	0.00232	1.68	0.00000771	0.00619	0.00242	0.00444	0.000878
2058 Nov	1150	0.28	1.23	0.0459	69.6	0.41	717	0.0199	0.000977	0.0000112	0.0187	0.0306	0.761	0.0494	0.0000182	190	0.00013	0.0176	0.00112	0.00951	0.0442	0.0000558	34.4	62.1	0.387	0.0135	52.7	0.0597	0.0115	0.00019	0.00336	0.00237	1.68	0.00000792	0.00616	0.0024	0.00445	0.000934
2058 Dec	1150	0.28	1.23	0.0461	69.5	0.41	718	0.0199	0.00098	0.0000112	0.0187	0.0307	0.761	0.0494	0.0000182	190	0.00013	0.0176	0.00112	0.0095	0.0442	0.0000558	34.5	62	0.388	0.0135	52.7	0.0597	0.0115	0.00019	0.00336	0.00237	1.68	0.00000794	0.00615	0.0024	0.00445	0.000938
2059 Jan	1150	0.28	1.22	0.0462	69.4	0.409	719	0.0201	0.000985	0.0000112	0.0187	0.0308	0.76	0.0494	0.0000182	191	0.000129	0.0176	0.00112	0.00949	0.0442	0.0000557	34.5	62	0.388	0.0136	52.7	0.0596	0.0115	0.00019	0.00336	0.00238	1.68	0.00000796	0.00615	0.0024	0.00445	0.000944
2059 Feb	1150	0.28	1.22	0.0464	69.4	0.409	720	0.0202	0.00099	0.0000112	0.0187	0.0309	0.76	0.0494	0.0000182	191	0.000129	0.0176	0.00112	0.00948	0.0443	0.0000557	34.5	62	0.388	0.0136	52.7	0.0595	0.0115	0.00019	0.00336	0.00238	1.68	0.00000798	0.00614	0.0024	0.00445	0.000949
2059 Mar	1160	0.28	1.22	0.0466	69.3	0.409	721	0.0203	0.000994	0.0000112	0.0187	0.0309	0.76	0.0493	0.0000183	192	0.000129	0.0176	0.00112	0.00947	0.0443	0.0000556	34.6	62	0.389	0.0136	52.7	0.0595	0.0115	0.00019	0.00336	0.00239	1.68	0.00000799	0.00614	0.0024	0.00445	0.000954
2059 Apr	1160	0.281	1.22	0.0468	69.3	0.409	722	0.0204	0.001	0.0000112	0.0187	0.0311	0.76	0.0493	0.0000183	192	0.000129	0.0176	0.00112	0.00946	0.0443	0.0000556	34.6	62	0.389	0.0136	52.7	0.0594	0.0115	0.00019	0.00336	0.00239	1.68	0.00000802	0.00614	0.0024	0.00446	0.000961
2059 May	1150	0.279	1.21	0.0466	68.8	0.404	717	0.0204	0.00101	0.0000112	0.0186	0.0309	0.753	0.0493	0.0000182	191	0.000128	0.0174	0.00112	0.00938	0.0453	0.0000551	34.4	61.5	0.387	0.0135	52.3	0.0588	0.0121	0.000199	0.00333	0.00238	1.67	0.000008	0.00607	0.00239	0.00444	0.00096
2059 Jun	1070	0.261	1.1	0.0444	63.6	0.369	668	0.0199	0.00104	0.0000107	0.0174	0.0294	0.688	0.0476	0.0000173	181	0.000118	0.0158	0.00106	0.00859	0.0492	0.0000508	32	56.5	0.366	0.0125	48.4	0.0534	0.0148	0.000242	0.00306	0.00223	1.54	0.00000766	0.00553	0.00226	0.0042	0.000931
2059 Jul	1130	0.269	1.09	0.0497	62.9	0.366	706	0.0232	0.00117	0.0000111	0.0175	0.0325	0.693	0.0476	0.0000182	194	0.000118	0.0158	0.00108	0.0085	0.0503	0.0000505	33.5	57.1	0.381	0.013	49.2	0.0527	0.0146	0.00024	0.00309	0.00239	1.56	0.00000831	0.00551	0.00225	0.00429	0.00109
2059 Aug	1160	0.272	1.14	0.0482	65	0.401	731	0.0219	0.00108	0.0000114	0.0186	0.0323	0.75	0.0498	0.0

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2062 Jun	954	0.186	0.735	0.0352	42.4	0.356	611	0.0167	0.00092	0.00001	0.0169	0.0259	0.654	0.0433	0.000016	162	0.000113	0.0151	0.000964	0.00824	0.0409	0.0000449	29.4	53.3	0.33	0.0116	33.5	0.0515	0.0146	0.000158	0.0029	0.00202	1.45	0.00000691	0.0053	0.00209	0.00399	0.00078
2062 Jul	942	0.181	0.684	0.0374	39.3	0.333	605	0.0184	0.00101	0.00000996	0.0162	0.0269	0.62	0.0411	0.000016	164	0.000107	0.0142	0.000919	0.00769	0.0407	0.0000462	28.9	50.7	0.324	0.0113	32.2	0.0479	0.0152	0.000149	0.00276	0.00203	1.38	0.0000071	0.00497	0.00198	0.00391	0.000861
2062 Aug	987	0.181	0.733	0.0341	41.7	0.384	636	0.016	0.000852	0.0000102	0.0177	0.026	0.702	0.0449	0.0000164	166	0.000121	0.0163	0.00101	0.00888	0.0382	0.0000524	30.8	57	0.343	0.0122	33	0.0559	0.0124	0.000135	0.0031	0.00207	1.54	0.00000695	0.00572	0.0022	0.00415	0.000749
2062 Sep	1000	0.179	0.745	0.0325	42.2	0.403	646	0.0149	0.000777	0.0000103	0.0182	0.0255	0.734	0.0462	0.0000165	166	0.000127	0.0172	0.00104	0.00934	0.0366	0.0000548	31.5	59.3	0.349	0.0125	33	0.059	0.0111	0.000125	0.00323	0.00208	1.6	0.00000685	0.00601	0.00228	0.00422	0.000699
2062 Oct	935	0.173	0.674	0.0319	38.7	0.367	603	0.015	0.000821	0.0000982	0.017	0.0246	0.669	0.0429	0.0000156	157	0.000115	0.0156	0.000953	0.00849	0.0363	0.0000501	29.3	54.2	0.324	0.0116	30.6	0.0533	0.0132	0.000113	0.00294	0.00196	1.47	0.00000662	0.00545	0.00208	0.00392	0.000704
2062 Nov	943	0.175	0.668	0.0332	38.3	0.363	609	0.0159	0.000858	0.0000988	0.0169	0.0253	0.664	0.0426	0.0000158	160	0.000114	0.0154	0.000949	0.00839	0.0366	0.0000496	29.4	53.9	0.326	0.0116	30.6	0.0526	0.0133	0.000113	0.00292	0.00199	1.46	0.00000676	0.0054	0.00206	0.00392	0.000744
2062 Dec	949	0.175	0.667	0.0338	38.2	0.362	613	0.0163	0.000874	0.00000992	0.0169	0.0257	0.663	0.0425	0.0000159	161	0.000114	0.0154	0.000949	0.00836	0.0367	0.0000495	29.6	53.9	0.327	0.0117	30.7	0.0524	0.0133	0.000113	0.00292	0.00201	1.46	0.00000683	0.00538	0.00205	0.00392	0.000763
2063 Jan	950	0.176	0.667	0.0341	38.2	0.362	614	0.0164	0.00088	0.00000993	0.0169	0.0258	0.663	0.0425	0.0000159	162	0.000114	0.0154	0.000949	0.00834	0.0368	0.0000494	29.6	53.9	0.328	0.0117	30.7	0.0523	0.0133	0.000113	0.00292	0.00202	1.46	0.00000686	0.00538	0.00205	0.00392	0.00077
2063 Feb	953	0.176	0.666	0.0343	38.1	0.361	616	0.0166	0.000887	0.00000995	0.0169	0.0259	0.663	0.0424	0.000016	162	0.000114	0.0153	0.000949	0.00833	0.0368	0.0000493	29.7	53.8	0.329	0.0117	30.8	0.0522	0.0133	0.000113	0.00292	0.00202	1.46	0.00000689	0.00537	0.00205	0.00393	0.000778
2063 Mar	955	0.177	0.666	0.0346	38.1	0.361	618	0.0168	0.000895	0.00000997	0.0169	0.0261	0.663	0.0424	0.000016	163	0.000114	0.0153	0.000949	0.00832	0.0369	0.0000493	29.7	53.8	0.329	0.0117	30.8	0.0521	0.0133	0.000113	0.00292	0.00203	1.46	0.00000692	0.00537	0.00205	0.00393	0.000787
2063 Apr	958	0.177	0.666	0.0349	38	0.361	620	0.017	0.000903	0.00000999	0.0169	0.0263	0.663	0.0424	0.0000161	164	0.000114	0.0153	0.00095	0.00831	0.037	0.0000493	29.8	53.9	0.33	0.0118	30.9	0.0521	0.0133	0.000113	0.00292	0.00204	1.46	0.00000696	0.00536	0.00205	0.00393	0.000796
2063 May	950	0.176	0.655	0.0349	37.7	0.355	614	0.0171	0.000917	0.00000995	0.0167	0.0262	0.653	0.0424	0.000016	163	0.000112	0.0151	0.000947	0.00819	0.0384	0.0000486	29.5	53.1	0.328	0.0116	30.6	0.0512	0.0139	0.000127	0.00288	0.00203	1.44	0.00000694	0.00528	0.00204	0.00391	0.000799
2063 Jun	784	0.148	0.515	0.0298	31.7	0.283	503	0.015	0.000931	0.00000882	0.0144	0.0222	0.521	0.0383	0.0000138	138	0.0000922	0.012	0.000824	0.00661	0.0443	0.0000399	24.2	42.9	0.278	0.00945	25.3	0.0405	0.019	0.000199	0.00233	0.00168	1.17	0.00000606	0.00419	0.00177	0.00343	0.000694
2063 Jul	871	0.157	0.538	0.0346	32	0.305	563	0.0177	0.000997	0.00000941	0.0151	0.0255	0.568	0.0396	0.000015	155	0.0000986	0.013	0.000875	0.00707	0.0429	0.0000426	26.9	46.7	0.305	0.0105	26.8	0.0437	0.0165	0.00018	0.00254	0.0019	1.27	0.00000673	0.00454	0.00186	0.00364	0.000826
2063 Aug	967	0.16	0.638	0.03	36.7	0.396	627	0.0141	0.000758	0.0000101	0.0179	0.0246	0.718	0.0464	0.0000161	162	0.000124	0.0168	0.00103	0.00919	0.0388	0.0000538	30.6	58.1	0.343	0.0122	28.9	0.058	0.0121	0.000152	0.00316	0.00202	1.57	0.00000665	0.00589	0.00227	0.00414	0.000662
2063 Sep	999	0.162	0.66	0.0296	37.6	0.419	650	0.0137	0.000711	0.0000103	0.0186	0.0249	0.758	0.0479	0.0000165	165	0.000131	0.0178	0.00107	0.00971	0.0372	0.0000566	31.8	61.2	0.354	0.0127	29.5	0.0615	0.0106	0.000139	0.00332	0.00208	1.65	0.00000672	0.00624	0.00237	0.00427	0.000643
2063 Oct	1010	0.164	0.648	0.0319	36.8	0.409	657	0.0152	0.000772	0.0000104	0.0183	0.026	0.746	0.0471	0.0000166	169	0.000128	0.0174	0.00106	0.00947	0.0373	0.0000554	32	60.3	0.356	0.0127	29.5	0.0599	0.0105	0.000136	0.00327	0.00212	1.63	0.00000694	0.00611	0.00232	0.00424	0.000714
2063 Nov	1010	0.164	0.644	0.0323	36.6	0.406	657	0.0155	0.000788	0.0000104	0.0183	0.0262	0.741	0.0468	0.0000167	169	0.000127	0.0173	0.00105	0.0094	0.0374	0.000055	31.9	59.9	0.355	0.0127	29.5	0.0594	0.0107	0.000135	0.00325	0.00212	1.62	0.00000697	0.00606	0.0023	0.00422	0.000727
2063 Dec	1010	0.165	0.643	0.0323	36.5	0.406	657	0.0155	0.00079	0.0000104	0.0183	0.0262	0.74	0.0468	0.0000167	169	0.000127	0.0173	0.00105	0.00939	0.0374	0.000055	31.9	59.9	0.355	0.0127	29.5	0.0594	0.0107	0.000135	0.00325	0.00213	1.62	0.00000698	0.00606	0.0023	0.00422	0.000729
2064 Jan	1010	0.165	0.643	0.0324	36.5	0.406	657	0.0156	0.000793	0.0000104	0.0182	0.0263	0.74	0.0468	0.0000167	170	0.000127	0.0173	0.00105	0.00939	0.0375	0.0000549	31.9	59.9	0.355	0.0127	29.5	0.0593	0.0107	0.000135	0.00325	0.00213	1.62	0.00000699	0.00605	0.0023	0.00422	0.000733
2064 Feb	1010	0.165	0.642	0.0326	36.5	0.405	658	0.0157	0.000797	0.0000104	0.0182	0.0264	0.74	0.0468	0.0000167	170	0.000127	0.0173	0.00105	0.00938	0.0375	0.0000549	32	59.9	0.356	0.0127	29.5	0.0592	0.0107	0.000135	0.00325	0.00213	1.62	0.00000701	0.00605	0.0023	0.00422	0.000738
2064 Mar	1010	0.165	0.642	0.0328	36.5	0.405	660	0.0158	0.000802	0.0000104	0.0182	0.0265	0.74	0.0468	0.0000167	171	0.000127	0.0173	0.00105	0.00937	0.0376	0.0000549	32	59.9	0.356	0.0127	29.5	0.0592	0.0107	0.000135	0.00325	0.00214	1.62	0.00000703	0.00604	0.0023	0.00422	0.000743
2064 Apr	1010	0.166	0.642	0.0331	36.5	0.405	661	0.016	0.000809	0.0000104	0.0182	0.0266	0.74	0.0468	0.0000168	171	0.000127	0.0173	0.00105	0.00937	0.0376	0.0000548	32.1	59.9	0.357	0.0127	29.6	0.0591	0.0107	0.000135	0.00325	0.00215	1.62	0.00000706	0.00604	0.0023	0.00423	0.000751
2064 May	979	0.162	0.616	0.0322	35.7	0.388	637	0.0156	0.000825	0.0000102	0.0177	0.0259	0.709	0.0464	0.0000163	166	0.000122	0.0165	0.00103	0.00901	0.0406	0.0000529	30.9	57.6	0.347	0.0122	28.7	0.0566	0.0125	0.000166	0.00312	0.00207	1.56	0.0000069	0.00579	0.00225	0.00413	0.000733
2064 Jun	858	0.148	0.512	0.0304	31.8	0.322	554	0.0153	0.000896	0.0000935	0.0155	0.0237	0.591	0.0435	0.0000148	151	0.000103	0.0137	0.000944	0.00754	0.0485	0.0000447	26.9	48.6	0.312	0.0105	25.4	0.0466	0.0172	0.000254	0.00263	0.00184	1.32	0.00000639	0.00478	0.00201	0.0037	0.000713
2064 Jul	922	0.154	0.534	0.0328	32.3	0.345	598	0.0166	0.000914	0.0000981	0.0163	0.0256	0.636	0.0449	0.0000157	161	0.00011	0.0147	0.000988	0.00805	0.0468	0.0000476	28.9	52.2	0.332	0.0113	26.4	0.05	0.0153	0.000232	0.00283	0.00199	1.42	0.0000068	0.00515	0.00211	0.00389	0.000777
2064 Aug	971	0.151	0.58	0.0295	34	0.399	633	0.0142	0.000754	0.0000102	0.018	0.0249	0.725	0.0481	0.0000162	164	0.000125	0.017	0.00107	0.0093	0.042	0.0000543	31	58.9	0.35	0.0123	27	0.0586	0.0121	0.000192	0.00319	0.00204	1.59	0.00000669	0.00595	0.00233	0.00416	0.000667
2064 Sep	980	0.151	0.576	0.03	33.5	0.402	640	0.0146	0.000757	0.0000102	0.018	0.0252	0.73	0.0477	0.0000163	165	0.000126	0.0171	0.00106	0.00933	0.0403	0.0000545	31.3	59.2	0.352	0.0124	26.8	0.0589	0.0114	0.000174	0.00321	0.00207	1.6	0.00000676	0.00599	0.00232	0.00416	0.000683
2064 Oct	1010	0.157	0.573	0.0337	33	0.397	664	0.0169	0.000847	0.0000104	0.0179	0.0273	0.729	0.0473	0.0000168	174	0.000125	0.017	0.00106	0.0092	0.0406	0.0000539	32.1	59.3	0.361	0.0127	27.5	0.0579	0.011	0.00017	0.00321	0.00217	1.6	0.00000718	0.00594	0.00229	0.0042	0.000792
2064 Nov	1020	0.158	0.573	0.0347	32.9	0.396	670	0.0175	0.000872	0.0000105	0.0179	0.0279	0.729	0.0472	0.000017	176	0.000124	0.0169	0.00106	0.00917	0.0408	0.0000537	32.3	59.3	0.363	0.0128	27.6	0.0577	0.011	0.00017	0.00321	0.0022	1.61	0.00000729	0.00592	0.00229	0.00421	0.000822
2064 Dec	1020	0.158	0.572	0.0348	32.9	0.395	671	0.0175	0.000875	0.0000105	0.0179	0.0279	0.728	0.0472	0.000017	176	0.000124	0.0169	0.00106	0.00916	0.0408	0.0000537	32.4	59.3	0.363	0.0128	27.7	0.0576	0.011	0.00017	0.00321	0.0022	1.6	0.0000073	0.00592	0.00229	0.00421	0.000824
2065 Jan	1020	0.158	0.572	0.0349	32.8	0.395	671	0.0176	0.000879	0.0000105	0.0179	0.028	0.728	0.0472	0.000017	177	0.000124	0.0169	0.00106	0.00915	0.0409	0.0000537	32.4	59.2	0.363	0.0128	27.7	0.0576	0.011	0.00017	0.00321	0.0022	1.6	0.00000732	0.00591	0.00229	0.00421	0.000829
2065 Feb	1030	0.159	0.572	0.0351	32.8	0.395	672	0.0177	0.000883	0.0000105	0.0179	0.0281	0.728	0.0471	0.0000171	177	0.000124	0.0169	0.00106	0.00915	0.0409	0.0000536	32.4	59.2	0.364	0.0128	27.7	0.0575	0.011	0.00017	0.00321	0.00221	1.6	0.00000734	0.00591	0.00228	0.00421	0.000834
2065 Mar	1030	0.159	0.572	0.0354	32.8	0.394	674	0.0179	0.000891	0.0000105	0.0179	0.0283	0.728	0.0471	0.0000171	178	0.000124	0.0169	0.00106	0.00913	0.041	0.0000536	32.5	59.2	0.365	0.0128	27.8	0.0574	0.011	0.00017	0.00321	0.00222	1.6	0.00000737	0.0059	0.00228	0.00421	0.000843
2065 Apr	1030	0.16	0.572	0.0357	32.8	0.394	677	0.0181	0.000898	0.0000106	0.0179	0.0284	0.728	0.0471	0.0000172	178	0.000124	0.0169	0.00106	0.00913	0.0411	0.0000536	32.6	59.3	0.366	0.0128	27.8	0.0574	0.011	0.00017	0.00321	0.00223	1.61	0.00000741	0.00591	0.00228	0.00422	0.000852
2065 May	1020	0.16	0.564	0.036	32.5	0.388	672	0.0184	0.00092	0.0000105	0.0177	0.0285	0.718	0.047	0.0000171	178	0.000122	0.0166	0.00106	0.00899	0.0423	0.0000528	32.3	58.5	0.364	0.0127	27.7	0.0564	0.0116	0.000181	0.00317	0.00222	1.59	0.00000742	0.00581	0.00227	0.00419	0.000863
2065 Jun	933	0.148	0.497	0.0345	29.6	0.341	610	0.0179	0.00096	0.0000989	0.0162	0.0267	0.633	0.0436	0.0000159	165	0.000109	0.0146	0.000971	0.00793	0.0446	0.0000447	29.3	51.9	0.333	0.0114	25.3	0.0493	0.0144	0.000207	0.00281	0.00204	1.41	0.00000702	0.0051	0.00207	0.00389	0.000839
2065 Jul	983	0.152	0.509	0.0364	29.7	0.359	645	0.019	0.000982	0.0000103	0.0169	0.0283	0.668	0.0448	0.0000167	174	0.000114	0.0154	0.00101	0.00832	0.0437	0.0000493	30.9	54.7	0.349	0.0121	26	0.0519	0.0133	0.000193	0.00296	0.00215	1.49	0.00000736	0.00538	0.00214	0.00404	0.000891
2065 Aug	1020	0.15	0.538	0.0338	30.8	0.402	673	0.0172	0.000862	0.0000106	0.0182	0.0277	0.739	0.0477	0.0000171	176	0.000126	0.0172	0.00107	0.00931	0.0409	0.0000546	32.6	60	0.365	0.0129	26.2	0.0587	0.0111	0.000171	0.00325	0.0022	1.62	0.00000729	0.00601	0.00233	0.00427	0.000807
2065 Sep	1000	0.145	0.53	0.0316	30.3	0.406	662	0.0158	0.000797	0.0000104	0.0182	0.0266	0.742	0.0474	0.0000168	171	0.000127	0.0173	0.00107	0.00941	0.039	0.000055	32.1	60.1	0.359	0.0127	25.4	0.0594	0.0106	0.000155	0.00326	0.00215	1.63	0.00000704	0.00606	0.00232	0.00423	0.000744
2065 Oct	970	0.142	0.503	0.0306	29	0.392	639	0.0154	0.000793	0.0000101	0.0177	0.0258	0.715	0.0457	0.0000163	166	0.000123	0.0167	0.00102	0.00907	0.0376	0.0000531	31	57.9	0.346	0.0123	24.4	0.0572	0.0113	0.000137	0.00314	0.00207	1.57	0.00000685	0.00584	0.00222	0.00408	0.000725
2065 Nov	979	0.145	0.499	0.0321	28.7	0.388	646	0.0164	0.000834	0.0000102	0.0176	0.0265	0.71	0.0453	0.0000164	169	0.000121	0.0165	0.00102	0.00896	0.0378	0.0000525	31.2	57.6	0.348	0.0124	24.5	0.0564	0.0114	0.000135	0.00312	0.00211	1.56	0.000007	0.00578	0.0022	0.00408	0.00077
2065 Dec	983	0.146	0.499	0.0326	28.6	0.386	649	0.0167	0.000848	0.0000102	0.0176	0.0268	0.709	0.0453	0.0000165	170	0.000121	0.0165	0.00102	0.00893	0.0379	0.0000524	31.3	57.5	0.349	0.0124	24.6	0.0562	0.0114	0.000135	0.00311	0.00212	1.56	0.00000706	0.00576	0.0022	0.00408	0.000785
2066 Jan	986	0.146	0.498	0.033	28.6	0.386	650	0.0169	0.000856	0.0000102	0.0176	0.027	0.708	0.0452	0.0000166	170	0.000121	0.0164	0.00102	0.00891	0.038	0.0000523	31.4	57.5	0.349	0.0124	24.6	0.0561	0.0114	0.000135	0.00311	0.00213	1.56	0.00000709	0.00576	0.00219	0.00408	0.000795
2066 Feb	988	0.146	0.498	0.0332	28.5	0.385	652	0.0171	0.000862	0.0000103	0.0176	0.0271	0.708	0.0452	0.0000166	171	0.000121	0.0164	0.00102	0.0089	0.038	0.0000523	31.4	57.5	0.35	0.0124	24.7	0.056	0.0114	0.000135	0.00311	0.00213	1.56	0.00000712	0.00575	0.00219	0.00408	0.000802
2066 Mar	991	0.147	0.498	0.0335	28.5	0.385	654	0.0173	0.00087	0.0000103	0.0176	0.0273	0.708	0.0452	0.0000166	172	0.000121	0.0164	0.00102	0.00889	0.0381	0.0000522	31.5	57.5	0.351	0.0124	24.8	0.0559	0.0114	0.000135	0.00311	0.00214	1.56	0.00000716	0.00575	0.00219	0.00409	0.000811
2066 Apr	994	0.148	0.499	0.0339	28.5	0.385	656	0.0175	0.000879	0.0000103	0.0176	0.0275	0.708	0.0452	0.0000167	173	0.000121	0.0164	0.00102	0.00889	0.0382	0.0000522	31.6	57.5	0.352	0.0125	24.8	0.0559	0.0114	0.000135	0.00311	0.00215	1.56	0.0000072	0.00574	0.00219	0.00409	0.000822
2066 May	1000	0.149	0.499	0.0346	28.5	0.385	662	0.0179	0.000898	0.0000104	0.0176	0.0279	0.709	0.0453	0.0000168	175	0.000121	0.0164	0.00102	0.00888	0.0385	0.0000522	31.8	57.7	0.354	0.0126	25	0.0558	0.0114	0.000136	0.00312	0.00218	1.56	0.00000729	0.00575	0.00219	0.00411	0.000843
2066 Jun	872	0.132	0.413	0.0327	24.4	0.317	574	0.0174	0.000972	0.00000952	0.0155	0.0255	0.588	0.0396	0.0000152	155	0.000102	0.0135	0.000881	0.00733	0.0403	0.0000444	27.4	48.1	0.308	0.0107	21.9	0.0455	0.0156	0.000151	0.00262	0.00192	1.31	0.00000675	0.00472	0.00189	0.00372	0.000812
2066 Jul	942	0.135	0.426	0.0344	24.7	0.337	609	0.0183	0.0009986	0.00000992	0.0162	0.0269	0.626	0.0412	0.000016	164	0.000108	0.0144	0.00924	0.00738	0.0398	0.0000465	29.1	51.2	0.325	0.0114	22.6	0.0485	0.0143	0.000144	0.00278	0.00204	1.39	0.00000708	0.00503	0.00198	0.00388	0.000858
2066 Aug	976	0.137	0.451	0.0339	25.6	0.372	646	0.0179	0.000926	0.0000103	0.0173	0.0275	0.688	0.044	0.0000166	171	0.000118	0.0159	0.000993	0.0086	0.0386	0.0000509	31	56	0.346	0.0122	23.2	0.054	0.0123	0.000135	0.00304	0.00213	1.52	0.00000723	0.00556	0.00215	0.0041	0.000838
2066 Sep	994	0.138	0.453	0.0347	25.6	0.379	659	0.0183	0.000927	0.0000104	0.0175	0.0281	0.7	0.0443	0.0000169	174	0.00012	0.0162	0.00101	0.00873	0.038	0.0000516	31.6	56.9	0.351	0.0125	23.3	0.0549	0.0116	0.00013	0.00309	0.00217	1.54	0.00000734	0.00566	0.00217	0.00414	0.000859
2066 Oct	1010	0.141	0.447	0.0367	25	0.374	670	0.0196	0.000975	0.0000105	0.0174	0.0292	0.695	0.0438	0.0000171	178	0.000118	0.016	0.001	0.0086	0.0378	0.0000509	32	56.6	0.354	0.0126	23.5	0.054	0.0113	0.000124	0.00307	0.00222	1.53	0.00000755	0.0056	0.00214	0.00412	0.000921
2066 Nov	1020	0.144	0.446	0.0385	24.8	0.371	680	0.0207	0.00102	0.0000106	0.0173	0.0302	0.694	0.0436	0.0000173	182	0.000117	0.0159	0.000999	0.00853	0.038	0.0000506	32.4	56.6	0.358	0.0127	23.8	0.0535	0.0112	0.000123	0.00307	0.00227	1.53	0.00000775	0.00556	0.00213	0.00413	0.000973
2066 Dec	1020	0.144	0.446	0.0385	24.8	0.371	681	0.0207	0.00102	0.0000106	0.0173	0.0302	0.693	0.0436	0.0000174	182	0.000117	0.0159	0.000999	0.00852	0.038	0.0000505	32.3	56.6	0.358	0.0127	23.8	0.0534	0.0112	0.000123	0.00307	0.00227	1.53	0.00000775	0.00556	0.00213	0.00413	0.000975
2067 Jan	1020	0.144	0.445	0.0386	24.8	0.37	681	0.0208	0.00102	0.0000106	0.0173	0.0303	0.693	0.0436	0.0000174	182	0.000117	0.0159	0.000999	0.00852	0.0381	0.0000505	32.4	56.5	0.359	0.0127	23.8	0.0534	0.0113	0.000123	0.00307	0.00228	1.53	0.00000776	0.00556	0.00212	0.00413	0.000978
2067 Feb	1030	0.145	0.445	0.0388	24.8	0.37	682	0.0209	0.00103	0.0000106	0.0173	0.0304	0

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2069 Dec	966	0.119	0.314	0.0346	17.7	0.36	649	0.0192	0.000961	0.0000102	0.0168	0.0285	0.67	0.0423	0.0000166	173	0.000114	0.0154	0.000964	0.00828	0.0369	0.000049	30.9	54.6	0.343	0.0122	18.5	0.0519	0.0116	0.000117	0.00295	0.00216	1.48	0.00000735	0.00538	0.00205	0.00397	0.000904
2070 Jan	967	0.119	0.314	0.0348	17.7	0.36	649	0.0193	0.000965	0.0000102	0.0168	0.0285	0.669	0.0423	0.0000166	173	0.000114	0.0154	0.000964	0.00827	0.037	0.000049	31	54.5	0.343	0.0122	18.5	0.0518	0.0116	0.000117	0.00295	0.00216	1.48	0.00000737	0.00538	0.00205	0.00397	0.000908
2070 Feb	970	0.12	0.314	0.0351	17.7	0.359	651	0.0195	0.000972	0.0000102	0.0168	0.0287	0.669	0.0423	0.0000166	174	0.000113	0.0154	0.000964	0.00826	0.037	0.0000489	31	54.5	0.344	0.0122	18.6	0.0517	0.0116	0.000117	0.00295	0.00217	1.48	0.0000074	0.00537	0.00205	0.00397	0.000917
2070 Mar	973	0.12	0.314	0.0354	17.7	0.359	653	0.0197	0.00098	0.0000102	0.0168	0.0289	0.669	0.0423	0.0000167	175	0.000113	0.0153	0.000964	0.00824	0.0371	0.0000489	31.1	54.5	0.344	0.0122	18.7	0.0516	0.0115	0.000118	0.00295	0.00218	1.48	0.00000744	0.00537	0.00205	0.00397	0.000926
2070 Apr	976	0.121	0.315	0.0357	17.7	0.359	655	0.0199	0.000988	0.0000102	0.0168	0.029	0.669	0.0423	0.0000167	176	0.000113	0.0153	0.000965	0.00824	0.0372	0.0000489	31.2	54.6	0.345	0.0122	18.7	0.0516	0.0116	0.000118	0.00295	0.00219	1.48	0.00000747	0.00537	0.00205	0.00398	0.000934
2070 May	966	0.121	0.31	0.0357	17.8	0.352	648	0.0199	0.001	0.0000102	0.0166	0.0289	0.657	0.0423	0.0000166	174	0.000112	0.0151	0.000961	0.0081	0.0388	0.0000481	30.8	53.7	0.343	0.0121	18.7	0.0506	0.0124	0.000133	0.00291	0.00217	1.46	0.00000745	0.00526	0.00203	0.00395	0.000936
2070 Jun	893	0.118	0.279	0.0347	17.4	0.312	596	0.0196	0.00105	0.00000968	0.0153	0.0275	0.585	0.0409	0.0000157	165	0.0001	0.0133	0.000912	0.00722	0.0446	0.0000432	28.3	48.3	0.322	0.011	17.9	0.0445	0.0156	0.000197	0.00261	0.00202	1.32	0.00000712	0.00466	0.00191	0.0037	0.000917
2070 Jul	945	0.123	0.288	0.0376	17.3	0.324	632	0.0213	0.0011	0.0000101	0.0158	0.0295	0.613	0.0418	0.0000165	175	0.000104	0.0139	0.000943	0.00749	0.0441	0.0000448	29.9	50.5	0.338	0.0116	18.6	0.0463	0.0145	0.000187	0.00273	0.00215	1.38	0.00000755	0.00486	0.00196	0.00383	0.000998
2070 Aug	973	0.114	0.298	0.0337	17.4	0.367	653	0.0188	0.000943	0.0000103	0.017	0.0283	0.683	0.0445	0.0000167	174	0.000116	0.0157	0.00101	0.0085	0.0407	0.0000501	31.3	55.7	0.351	0.0123	17.9	0.0532	0.0119	0.000164	0.00302	0.00217	1.51	0.00000734	0.0055	0.00215	0.00404	0.000883
2070 Sep	962	0.111	0.294	0.032	17.1	0.373	646	0.0177	0.00089	0.0000101	0.0171	0.0275	0.689	0.0445	0.0000165	171	0.000118	0.0159	0.001	0.00863	0.039	0.0000507	31.1	56.1	0.347	0.0122	17.4	0.0541	0.0114	0.00015	0.00304	0.00213	1.52	0.00000715	0.00558	0.00215	0.00402	0.000834
2070 Oct	966	0.116	0.288	0.0345	16.6	0.359	649	0.0193	0.000962	0.0000102	0.0167	0.0286	0.668	0.0431	0.0000166	174	0.000113	0.0154	0.000979	0.00828	0.039	0.0000489	31	54.6	0.346	0.0122	17.7	0.0518	0.0117	0.000143	0.00295	0.00216	1.48	0.00000736	0.00537	0.00207	0.00395	0.000908
2070 Nov	973	0.118	0.287	0.0358	16.5	0.355	654	0.0202	0.001	0.0000102	0.0166	0.0292	0.663	0.0428	0.0000167	176	0.000112	0.0152	0.000974	0.00817	0.0393	0.0000483	31.1	54.2	0.347	0.0122	17.9	0.051	0.0119	0.000142	0.00293	0.00219	1.47	0.0000075	0.00531	0.00205	0.00395	0.000948
2070 Dec	974	0.118	0.287	0.036	16.5	0.354	655	0.0202	0.001	0.0000102	0.0166	0.0293	0.663	0.0428	0.0000167	177	0.000112	0.0152	0.000974	0.00816	0.0393	0.0000483	31.1	54.2	0.347	0.0122	18	0.0509	0.0119	0.000142	0.00293	0.00219	1.47	0.00000751	0.00531	0.00205	0.00395	0.000952
2071 Jan	976	0.119	0.287	0.0362	16.5	0.354	656	0.0204	0.00101	0.0000102	0.0166	0.0294	0.662	0.0427	0.0000168	178	0.000112	0.0152	0.000973	0.00815	0.0393	0.0000482	31.2	54.2	0.348	0.0122	18	0.0509	0.0119	0.000142	0.00293	0.0022	1.47	0.00000753	0.0053	0.00205	0.00395	0.000958
2071 Feb	978	0.119	0.287	0.0364	16.5	0.353	658	0.0205	0.00102	0.0000102	0.0166	0.0296	0.662	0.0427	0.0000168	178	0.000112	0.0151	0.000974	0.00813	0.0394	0.0000482	31.2	54.2	0.348	0.0122	18.1	0.0508	0.0119	0.000142	0.00293	0.00221	1.47	0.00000756	0.00529	0.00205	0.00395	0.000966
2071 Mar	980	0.12	0.288	0.0367	16.5	0.353	659	0.0207	0.00102	0.0000103	0.0166	0.0297	0.662	0.0427	0.0000168	178	0.000112	0.0151	0.000974	0.00812	0.0395	0.0000481	31.3	54.1	0.349	0.0123	18.1	0.0507	0.0119	0.000142	0.00293	0.00221	1.47	0.00000759	0.00529	0.00205	0.00395	0.000973
2071 Apr	983	0.12	0.288	0.037	16.5	0.353	661	0.0209	0.00103	0.0000103	0.0166	0.0299	0.662	0.0427	0.0000169	179	0.000112	0.0151	0.000974	0.00811	0.0395	0.0000481	31.4	54.2	0.35	0.0123	18.2	0.0506	0.0119	0.000142	0.00293	0.00222	1.47	0.00000763	0.00529	0.00204	0.00396	0.000983
2071 May	973	0.12	0.283	0.0371	16.5	0.345	654	0.021	0.00104	0.0000102	0.0164	0.0298	0.649	0.0425	0.0000168	178	0.00011	0.0148	0.000967	0.00796	0.0407	0.0000472	31	53.2	0.347	0.0121	18.2	0.0495	0.0125	0.000153	0.00288	0.0022	1.45	0.0000076	0.00518	0.00202	0.00392	0.000987
2071 Jun	888	0.113	0.253	0.0346	15.8	0.309	594	0.0196	0.00104	0.00000959	0.0151	0.0275	0.581	0.0403	0.0000156	164	0.0000994	0.0132	0.000902	0.00715	0.0435	0.0000428	28.1	47.9	0.319	0.0109	16.9	0.0441	0.015	0.00019	0.00259	0.00201	1.31	0.00000709	0.00462	0.00188	0.00366	0.00092
2071 Jul	938	0.117	0.26	0.0374	15.5	0.321	629	0.0213	0.00109	0.00000995	0.0156	0.0294	0.607	0.0409	0.0000163	174	0.000103	0.0138	0.000929	0.0074	0.0427	0.0000442	29.7	50	0.335	0.0116	17.5	0.0458	0.0137	0.000177	0.00271	0.00214	1.36	0.00000751	0.00481	0.00193	0.00379	0.001
2071 Aug	974	0.111	0.269	0.0348	15.5	0.36	656	0.0196	0.000971	0.0000102	0.0168	0.0289	0.673	0.0436	0.0000167	176	0.000114	0.0155	0.000993	0.00832	0.0401	0.0000491	31.3	55	0.35	0.0123	17.1	0.0521	0.0114	0.000158	0.00298	0.00219	1.49	0.00000744	0.0054	0.0021	0.004	0.000923
2071 Sep	969	0.106	0.267	0.0327	15.2	0.372	654	0.0184	0.0009	0.0000101	0.017	0.028	0.69	0.044	0.0000166	173	0.000117	0.0159	0.001	0.00859	0.038	0.0000505	31.3	56.2	0.349	0.0123	16.5	0.054	0.0104	0.000143	0.00304	0.00216	1.52	0.00000725	0.00557	0.00214	0.00402	0.000864
2071 Oct	987	0.112	0.266	0.0358	14.9	0.362	666	0.0203	0.000978	0.0000103	0.0167	0.0296	0.678	0.0431	0.0000169	179	0.000114	0.0156	0.000989	0.00834	0.0382	0.0000492	31.7	55.4	0.353	0.0124	17.1	0.0523	0.0103	0.000139	0.003	0.00223	1.5	0.00000755	0.00544	0.00209	0.00399	0.000955
2071 Nov	992	0.114	0.266	0.0369	14.9	0.358	670	0.021	0.00101	0.0000103	0.0166	0.0301	0.673	0.0428	0.000017	180	0.000113	0.0154	0.000983	0.00823	0.0383	0.0000487	31.7	55	0.353	0.0124	17.3	0.0515	0.0105	0.000138	0.00297	0.00225	1.49	0.00000765	0.00538	0.00207	0.00398	0.000987
2071 Dec	991	0.114	0.265	0.037	14.9	0.357	669	0.021	0.00101	0.0000103	0.0166	0.0301	0.671	0.0427	0.000017	180	0.000113	0.0154	0.000982	0.00822	0.0384	0.0000486	31.7	54.9	0.353	0.0124	17.3	0.0514	0.0105	0.000137	0.00297	0.00225	1.49	0.00000766	0.00537	0.00206	0.00398	0.000989
2072 Jan	993	0.115	0.265	0.0372	14.9	0.357	670	0.0211	0.00102	0.0000103	0.0166	0.0302	0.671	0.0427	0.000017	181	0.000113	0.0153	0.000981	0.00821	0.0384	0.0000486	31.8	54.9	0.354	0.0124	17.3	0.0513	0.0106	0.000137	0.00297	0.00225	1.49	0.00000768	0.00536	0.00206	0.00398	0.000995
2072 Feb	995	0.115	0.266	0.0375	14.8	0.356	672	0.0213	0.00103	0.0000103	0.0166	0.0304	0.671	0.0427	0.000017	182	0.000113	0.0153	0.000982	0.00819	0.0385	0.0000485	31.8	54.9	0.354	0.0125	17.4	0.0512	0.0106	0.000137	0.00297	0.00226	1.49	0.00000771	0.00535	0.00206	0.00398	0.001
2072 Mar	998	0.116	0.266	0.0377	14.8	0.356	674	0.0215	0.00103	0.0000103	0.0166	0.0305	0.67	0.0427	0.0000171	182	0.000113	0.0153	0.000982	0.00818	0.0386	0.0000484	31.9	54.9	0.355	0.0125	17.5	0.0512	0.0105	0.000138	0.00296	0.00227	1.49	0.00000774	0.00535	0.00206	0.00398	0.00101
2072 Apr	1000	0.116	0.266	0.0381	14.9	0.356	676	0.0217	0.00104	0.0000104	0.0166	0.0307	0.671	0.0427	0.0000171	183	0.000113	0.0153	0.000983	0.00817	0.0387	0.0000484	32	54.9	0.356	0.0125	17.6	0.0511	0.0105	0.000138	0.00297	0.00228	1.49	0.00000778	0.00535	0.00206	0.00399	0.00102
2072 May	1010	0.117	0.268	0.0387	14.9	0.357	682	0.022	0.00106	0.0000104	0.0167	0.0311	0.673	0.0428	0.0000173	185	0.000113	0.0154	0.000987	0.0082	0.0389	0.0000486	32.2	55.1	0.359	0.0126	17.7	0.0512	0.0106	0.000138	0.00298	0.0023	1.5	0.00000787	0.00537	0.00207	0.00401	0.00104
2072 Jun	954	0.113	0.248	0.0383	13.9	0.326	643	0.022	0.0011	0.0000101	0.0158	0.0301	0.618	0.0398	0.0000166	176	0.000105	0.014	0.000915	0.00748	0.0388	0.0000449	30.3	50.8	0.337	0.0118	17	0.0465	0.0125	0.000132	0.00275	0.00219	1.38	0.00000766	0.00489	0.00192	0.00385	0.00103
2072 Jul	983	0.116	0.248	0.0406	13.6	0.328	664	0.0234	0.00115	0.0000103	0.0159	0.0315	0.627	0.0399	0.0000171	183	0.000105	0.0141	0.000924	0.00751	0.0387	0.0000451	31.1	51.5	0.345	0.0121	17.4	0.0467	0.012	0.000126	0.00279	0.00227	1.4	0.00000796	0.00494	0.00192	0.00391	0.0011
2072 Aug	959	0.103	0.241	0.0344	13.3	0.356	648	0.0196	0.000973	0.0000101	0.0165	0.0287	0.664	0.0416	0.0000166	173	0.000112	0.0152	0.000952	0.00817	0.0359	0.0000485	30.8	54.1	0.341	0.0121	15.9	0.0512	0.0107	0.000112	0.00293	0.00216	1.47	0.00000738	0.00532	0.00202	0.00395	0.00092
2072 Sep	951	0.0962	0.239	0.0308	13.2	0.375	644	0.0174	0.000861	0.00001	0.017	0.0271	0.691	0.0429	0.0000163	169	0.000117	0.016	0.000976	0.00862	0.0342	0.0000508	30.9	56.1	0.341	0.0122	15	0.0544	0.00964	0.000104	0.00304	0.00212	1.52	0.00000707	0.0056	0.0021	0.00399	0.000818
2072 Oct	935	0.0989	0.232	0.0319	12.9	0.358	632	0.0181	0.000903	0.0000099	0.0165	0.0273	0.663	0.0414	0.0000161	167	0.000112	0.0153	0.000942	0.00822	0.0342	0.0000486	30.2	53.9	0.334	0.0119	15	0.0517	0.0104	0.0001	0.00292	0.00209	1.46	0.00000709	0.00535	0.00201	0.00388	0.000851
2072 Nov	932	0.0997	0.23	0.0321	12.9	0.355	631	0.0183	0.000914	0.0000098	0.0164	0.0274	0.658	0.0411	0.0000161	167	0.000111	0.0151	0.000936	0.00815	0.0343	0.0000482	30.1	53.5	0.332	0.0119	15	0.0511	0.0106	0.0000995	0.0029	0.00209	1.45	0.0000071	0.0053	0.00199	0.00386	0.000859
2072 Dec	933	0.0999	0.23	0.0323	12.9	0.354	631	0.0184	0.000918	0.0000098	0.0164	0.0274	0.657	0.0411	0.0000161	168	0.000111	0.0151	0.000935	0.00814	0.0344	0.0000482	30.1	53.5	0.332	0.0119	15.1	0.0507	0.0106	0.0000994	0.00289	0.00209	1.45	0.0000071	0.00529	0.00199	0.00386	0.000863
2073 Jan	934	0.1	0.231	0.0325	12.9	0.354	632	0.0185	0.000923	0.0000099	0.0164	0.0275	0.657	0.0411	0.0000162	168	0.000111	0.0151	0.000935	0.00813	0.0344	0.0000481	30.2	53.4	0.333	0.0119	15.1	0.051	0.0106	0.0000995	0.00289	0.0021	1.45	0.0000071	0.00529	0.00199	0.00386	0.000868
2073 Feb	937	0.101	0.231	0.0327	12.9	0.354	634	0.0186	0.00093	0.0000099	0.0164	0.0277	0.657	0.0411	0.0000162	169	0.000111	0.0151	0.000935	0.00811	0.0345	0.0000481	30.2	53.4	0.334	0.0119	15.2	0.0509	0.0106	0.0000997	0.00289	0.00211	1.45	0.0000076	0.00528	0.00199	0.00386	0.000877
2073 Mar	939	0.101	0.231	0.0331	12.9	0.353	636	0.0188	0.000938	0.0000994	0.0163	0.0279	0.656	0.041	0.0000162	169	0.000111	0.0151	0.000936	0.0081	0.0346	0.000048	30.3	53.4	0.334	0.0119	15.2	0.0508	0.0106	0.0000998	0.00289	0.00211	1.45	0.0000072	0.00528	0.00199	0.00386	0.000886
2073 Apr	944	0.102	0.232	0.0334	12.9	0.353	639	0.0191	0.000947	0.00000998	0.0164	0.0281	0.657	0.0411	0.0000163	170	0.000111	0.0151	0.000938	0.00811	0.0347	0.0000482	30.4	53.5	0.336	0.012	15.4	0.0508	0.0106	0.0001	0.0029	0.00213	1.45	0.0000725	0.00528	0.00199	0.00387	0.000896
2073 May	912	0.102	0.223	0.0327	13.2	0.338	615	0.0187	0.000965	0.0000098	0.0159	0.0273	0.628	0.041	0.0000159	166	0.000107	0.0144	0.000925	0.00778	0.0383	0.0000462	29.3	51.4	0.327	0.0115	15.2	0.0485	0.0126	0.000137	0.00278	0.00206	1.39	0.00000709	0.00504	0.00195	0.00379	0.000877
2073 Jun	848	0.1	0.204	0.0316	13.4	0.303	568	0.0182	0.0000997	0.00000935	0.0148	0.0259	0.566	0.04	0.000015	157	0.0000972	0.0129	0.000885	0.00703	0.0437	0.0000421	27.1	46.7	0.308	0.0105	14.7	0.0433	0.0156	0.000196	0.00252	0.00192	1.27	0.00000678	0.00452	0.00185	0.00358	0.000851
2073 Jul	908	0.102	0.212	0.0336	13.1	0.327	611	0.0193	0.001	0.00000976	0.0156	0.0277	0.612	0.0414	0.0000159	167	0.000104	0.014	0.000931	0.00756	0.0418	0.000045	29.1	50.3	0.328	0.0113	15.1	0.0469	0.0134	0.000177	0.00272	0.00206	1.37	0.00000715	0.00489	0.00195	0.00376	0.000906
2073 Aug	948	0.0962	0.219	0.0313	12.8	0.367	641	0.0178	0.00089	0.00001	0.0168	0.0274	0.68	0.044	0.0000163	170	0.000116	0.0157	0.000994	0.00849	0.0389	0.0000499	30.8	55.4	0.345	0.0121	14.6	0.0533	0.0109	0.000155	0.003	0.00212	1.5	0.00000712	0.00549	0.00212	0.00397	0.000838
2073 Sep	957	0.0932	0.219	0.0302	12.5	0.38	648	0.0171	0.000838	0.0000101	0.0172	0.0271	0.701	0.0445	0.0000164	170	0.000119	0.0163	0.00101	0.00878	0.0371	0.0000515	31.2	56.9	0.348	0.0123	14.3	0.0553	0.00971	0.000142	0.00308	0.00213	1.54	0.00000705	0.00569	0.00217	0.00402	0.000806
2073 Oct	958	0.0979	0.217	0.0325	12.3	0.366	649	0.0186	0.000905	0.00001	0.0167	0.028	0.679	0.0432	0.0000164	172	0.000115	0.0157	0.000984	0.00843	0.0372	0.0000496	31	55.3	0.346	0.0122	14.7	0.053	0.0101	0.000137	0.00299	0.00215	1.5	0.00000723	0.00548	0.0021	0.00395	0.000874
2073 Nov	953	0.0988	0.215	0.0327	12.3	0.361	645	0.0187	0.000917	0.00001	0.0166	0.0281	0.672	0.0428	0.0000164	172	0.000114	0.0155	0.000975	0.00833	0.0373	0.0000491	30.8	54.8	0.343	0.0121	14.7	0.0523	0.0104	0.000135	0.00296	0.00214	1.48	0.00000723	0.00541	0.00207	0.00392	0.000881
2073 Dec	954	0.0991	0.215	0.0328	12.3	0.361	646	0.0188	0.000921	0.00001	0.0166	0.0281	0.671	0.0428	0.0000164	172	0.000114	0.0155	0.000975	0.00832	0.0373	0.000049	30.8	54.7	0.344	0.0121	14.7	0.0522	0.0104	0.000135	0.00296	0.00215	1.48	0.00000724	0.00541	0.00207	0.00392	0.000885
2074 Jan	956	0.0992	0.215	0.0329	12.3	0.361	646	0.0188	0.0009922	0.00001	0.0166	0.0281	0.671	0.0428	0.0000164	172	0.000113	0.0154	0.000975	0.00832	0.0373	0.0000489	30.9	54.7	0.344	0.0121	14.7	0.0522	0.0104	0.000135	0.00296	0.00215	1.48	0.00000724	0.0054	0.00207	0.00392	0.000886
2074 Feb	955	0.0995	0.215	0.033	12.3	0.36	647	0.0189	0.000926	0.00001	0.0166	0.0282	0.671	0.0428	0.0000164	173	0.000113	0.0154	0.000975	0.00831	0.0374	0.000049	30.9	54.7	0.344	0.0121	14.8	0.0521	0.0104	0.000135	0.00296	0.00215	1.48	0.00000726	0.0054	0.00207	0.00392	0.000891
2074 Mar	958	0.1	0.216	0.0333	12.3	0.36	649	0.0191	0.000933	0.00001	0.0166	0.0284	0.671	0.0428	0.0000165	173	0.000113	0.0154	0.000975	0.0083	0.0374	0.0000489	30.9	54.7	0.345	0.0122	14.9	0.052	0.0104	0.000135	0.00296	0.00216	1.48	0.00000729	0.0054	0.00207	0.00393	0.000899
2074 Apr	961	0.101	0.216	0.0336	12.3	0.36	651	0.0193	0.000941	0.0000101	0.0166	0.0286	0.672	0.0428	0.0000165	174	0.000113	0.0154	0.000977	0.0083	0.0375	0.0000489	31.1	54.8	0.346	0.0122	14.9	0.052	0.0104	0.000135	0.00296	0.00217	1.49	0.00000734	0.0054	0.00207	0.00394	0.000908
2074 May	909	0.0994	0.204	0.0321	12.8	0.337	613	0.0185	0.000958	0.00000977	0.0159	0.0272	0.627	0.0426	0.0000158	166	0.000107	0.0144	0.000955	0.00781	0.0426	0.0000462	29.3	51.5	0.332	0.0115	14.6	0.0485	0.0134	0.000189	0.00278	0.00205	1.4	0.00000705	0.00504	0.00201	0.0038	0.000867
2074 Jun	809	0.0928	0.178	0.0284	13	0.298	541	0.0164	0.0009931	0.00000904	0.0146	0.0241	0.553	0.0414	0.0000144	150	0.0000962	0.0127	0.000902	0.00699	0.0482	0.0000416	26	45.8	0.303	0.0101	13.4	0.0429	0.0168	0.000258	0.00247	0.00182	1.25	0.00000639	0.00444	0.0019	0.00351	0.000765
2074 Jul	886	0.0917	0.189	0.0291	12.5	0.341	597	0.0167	0.000884	0.00000959	0.0159	0.0256	0.631	0.0437	0.0000154	161	0.000108	0.0146	0.000971	0.00794	0.0442	0.0000468	28.7	51.7	0.329	0.0113	13.6	0.0495	0.0135	0.000217	0.00279	0.00198	1.41	0.00000673	0.0051	0.00206	0.00379	0.000785
2074 Aug	935	0.0877	0.197	0.0279	12.1	0.38	632	0.0159	0.000802	0.00000995	0.0172	0.0259

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2077 Jun	870	0.0956	0.154	0.0346	10.3	0.294	587	0.0203	0.00107	0.00000946	0.0146	0.0278	0.559	0.0396	0.0000154	164	0.0000956	0.0127	0.000888	0.00683	0.0449	0.000041	27.7	46.3	0.317	0.0107	13.5	0.042	0.0149	0.000211	0.00251	0.00201	1.26	0.00000712	0.00442	0.00184	0.0036	0.000953
2077 Jul	931	0.0998	0.162	0.0375	9.94	0.312	630	0.0221	0.00111	0.00000991	0.0152	0.03	0.596	0.0406	0.0000163	175	0.000101	0.0135	0.000926	0.00721	0.0437	0.0000432	29.6	49.3	0.336	0.0115	14.2	0.0445	0.0133	0.000193	0.00267	0.00216	1.34	0.00000759	0.0047	0.00192	0.00376	0.00104
2077 Aug	951	0.0882	0.159	0.0326	9.3	0.358	646	0.0191	0.000935	0.00001	0.0165	0.0283	0.668	0.0434	0.0000164	173	0.000113	0.0154	0.000988	0.00827	0.0397	0.0000488	30.9	54.6	0.347	0.0121	12.8	0.0518	0.0106	0.000165	0.00296	0.00215	1.48	0.00000728	0.00537	0.0021	0.00396	0.000897
2077 Sep	926	0.0835	0.153	0.0302	8.88	0.359	630	0.0176	0.000867	0.0000098	0.0164	0.027	0.666	0.0427	0.000016	167	0.000113	0.0154	0.0009971	0.0083	0.0373	0.0000488	30.2	54.3	0.338	0.0119	12.1	0.0521	0.0101	0.000146	0.00294	0.00208	1.47	0.00000698	0.00538	0.00208	0.00389	0.00083
2077 Oct	935	0.0887	0.155	0.0326	8.89	0.349	636	0.0191	0.000933	0.00000986	0.0162	0.0281	0.653	0.0419	0.0000162	171	0.00011	0.015	0.000956	0.00806	0.0376	0.0000475	30.3	53.3	0.339	0.0119	12.6	0.0505	0.0105	0.000143	0.00288	0.00212	1.45	0.0000072	0.00524	0.00203	0.00385	0.000897
2077 Nov	935	0.0896	0.155	0.0329	8.92	0.348	636	0.0192	0.000943	0.0000987	0.0161	0.0282	0.65	0.0418	0.0000162	171	0.00011	0.0149	0.000953	0.00801	0.0378	0.0000473	30.3	53.1	0.338	0.0119	12.7	0.0502	0.0107	0.000142	0.00287	0.00213	1.44	0.0000722	0.00521	0.00202	0.00385	0.000906
2077 Dec	936	0.0899	0.155	0.033	8.92	0.347	637	0.0193	0.000946	0.00000987	0.0161	0.0282	0.649	0.0418	0.0000162	171	0.00011	0.0149	0.000953	0.00801	0.0378	0.0000473	30.3	53.1	0.338	0.0119	12.7	0.0501	0.0107	0.000142	0.00287	0.00213	1.44	0.00000723	0.00521	0.00201	0.00385	0.000908
2078 Jan	937	0.0901	0.155	0.0331	8.93	0.347	637	0.0194	0.000949	0.00000988	0.0161	0.0283	0.649	0.0418	0.0000162	171	0.00011	0.0149	0.000953	0.008	0.0378	0.0000473	30.3	53.1	0.339	0.0119	12.7	0.0501	0.0107	0.000142	0.00287	0.00213	1.44	0.0000725	0.00521	0.00201	0.00385	0.000912
2078 Feb	939	0.0906	0.155	0.0333	8.93	0.347	639	0.0195	0.000956	0.0000099	0.0161	0.0284	0.649	0.0417	0.0000163	172	0.00011	0.0149	0.000953	0.00799	0.0379	0.0000472	30.4	53	0.339	0.0119	12.8	0.05	0.0107	0.000142	0.00287	0.00214	1.44	0.00000727	0.0052	0.00201	0.00385	0.000919
2078 Mar	941	0.0912	0.156	0.0337	8.94	0.346	641	0.0197	0.000964	0.00000992	0.0161	0.0286	0.649	0.0417	0.0000163	173	0.00011	0.0149	0.000953	0.00798	0.038	0.0000472	30.4	53	0.34	0.0119	12.9	0.0499	0.0107	0.000142	0.00287	0.00214	1.44	0.00000731	0.0052	0.00201	0.00385	0.000928
2078 Apr	946	0.092	0.156	0.034	8.96	0.346	644	0.02	0.000973	0.00000996	0.0161	0.0288	0.65	0.0418	0.0000164	174	0.00011	0.0149	0.000955	0.00798	0.0381	0.0000472	30.6	53.1	0.341	0.012	13	0.0499	0.0107	0.000142	0.00287	0.00216	1.44	0.00000736	0.0052	0.00201	0.00386	0.000939
2078 May	893	0.0918	0.148	0.0327	9.7	0.321	604	0.0192	0.000993	0.00000963	0.0154	0.0274	0.603	0.0414	0.0000157	166	0.000103	0.0138	0.00093	0.00745	0.043	0.0000443	28.7	49.6	0.326	0.0112	12.8	0.0462	0.0136	0.000194	0.00268	0.00204	1.35	0.00000708	0.00482	0.00195	0.00371	0.000902
2078 Jun	832	0.0912	0.138	0.0318	10.1	0.288	560	0.0188	0.00102	0.00000915	0.0143	0.0261	0.543	0.0399	0.0000148	157	0.0000935	0.0124	0.000883	0.00672	0.0469	0.0000402	26.6	45.1	0.307	0.0103	12.6	0.0412	0.0159	0.000239	0.00243	0.00191	1.23	0.00000676	0.00431	0.00183	0.00349	0.000879
2078 Jul	894	0.0892	0.143	0.0322	9.44	0.324	605	0.019	0.000972	0.00000961	0.0154	0.0273	0.609	0.0419	0.0000156	166	0.000104	0.0139	0.000942	0.00753	0.0436	0.0000447	28.8	50.1	0.329	0.0112	12.5	0.0467	0.0131	0.000207	0.00271	0.00204	1.36	0.00000703	0.00487	0.00198	0.00373	0.00089
2078 Aug	915	0.0784	0.14	0.0281	8.61	0.365	622	0.0164	0.000816	0.00000972	0.0166	0.026	0.673	0.044	0.0000158	164	0.000115	0.0156	0.000992	0.00847	0.039	0.0000496	30	54.8	0.338	0.0118	11.3	0.0532	0.0103	0.000171	0.00297	0.00204	1.49	0.00000679	0.00547	0.00213	0.0039	0.000772
2078 Sep	944	0.0821	0.144	0.0305	8.43	0.368	643	0.0178	0.000861	0.00000992	0.0167	0.0274	0.682	0.044	0.0000162	170	0.000116	0.0158	0.001	0.00851	0.0384	0.0000498	30.9	55.6	0.346	0.0121	11.8	0.0535	0.00958	0.000161	0.00301	0.00212	1.51	0.00000708	0.00552	0.00213	0.00395	0.00084
2078 Oct	957	0.0863	0.146	0.0326	8.34	0.361	652	0.0191	0.000913	0.00000999	0.0165	0.0285	0.675	0.0433	0.0000164	174	0.000114	0.0155	0.00099	0.00835	0.0382	0.000049	31.1	55.1	0.349	0.0122	12.3	0.0524	0.00946	0.000155	0.00298	0.00217	1.49	0.00000728	0.00543	0.0021	0.00393	0.000902
2078 Nov	961	0.0884	0.147	0.0335	8.37	0.358	655	0.0197	0.00094	0.00001	0.0164	0.0289	0.67	0.043	0.0000165	176	0.000113	0.0154	0.0009985	0.00825	0.0383	0.0000486	31.2	54.7	0.349	0.0122	12.5	0.0517	0.00965	0.000153	0.00296	0.00219	1.48	0.00000737	0.00538	0.00208	0.00392	0.000928
2078 Dec	961	0.0886	0.147	0.0336	8.37	0.357	655	0.0197	0.000941	0.00001	0.0164	0.029	0.669	0.0429	0.0000165	176	0.000113	0.0154	0.000984	0.00825	0.0384	0.0000485	31.2	54.7	0.349	0.0122	12.5	0.0517	0.00967	0.000153	0.00296	0.00219	1.48	0.00000737	0.00537	0.00208	0.00392	0.00093
2079 Jan	962	0.0888	0.147	0.0337	8.38	0.357	655	0.0198	0.000945	0.00001	0.0164	0.029	0.669	0.0429	0.0000165	176	0.000113	0.0154	0.000984	0.00824	0.0384	0.0000485	31.2	54.7	0.349	0.0122	12.6	0.0517	0.00968	0.000153	0.00296	0.00219	1.48	0.00000739	0.00537	0.00208	0.00392	0.000933
2079 Feb	964	0.0892	0.148	0.0339	8.38	0.357	657	0.0199	0.00095	0.00001	0.0164	0.0291	0.669	0.0429	0.0000166	176	0.000113	0.0153	0.000984	0.00823	0.0384	0.0000484	31.2	54.7	0.35	0.0122	12.6	0.0516	0.00968	0.000153	0.00296	0.0022	1.48	0.00000741	0.00537	0.00207	0.00392	0.00094
2079 Mar	966	0.0898	0.148	0.0342	8.39	0.356	658	0.0201	0.000957	0.0000101	0.0164	0.0293	0.669	0.0429	0.0000166	177	0.000113	0.0153	0.000984	0.00822	0.0385	0.0000484	31.3	54.7	0.35	0.0123	12.7	0.0515	0.00967	0.000153	0.00296	0.0022	1.48	0.00000744	0.00536	0.00207	0.00392	0.000948
2079 Apr	970	0.0905	0.149	0.0346	8.41	0.356	661	0.0203	0.000966	0.0000101	0.0164	0.0295	0.669	0.0429	0.0000167	178	0.000113	0.0153	0.000986	0.00821	0.0386	0.0000484	31.4	54.7	0.351	0.0123	12.8	0.0515	0.00967	0.000153	0.00296	0.00221	1.48	0.00000749	0.00536	0.00207	0.00393	0.000958
2079 May	975	0.0913	0.15	0.0349	8.46	0.357	665	0.0206	0.000977	0.0000101	0.0165	0.0297	0.671	0.0431	0.0000168	179	0.000113	0.0154	0.000989	0.00823	0.0389	0.0000485	31.6	54.9	0.353	0.0124	12.9	0.0516	0.00975	0.000155	0.00297	0.00223	1.49	0.00000754	0.00537	0.00208	0.00395	0.000969
2079 Jun	836	0.0817	0.129	0.0308	8.19	0.301	567	0.0182	0.000975	0.00000922	0.0147	0.0258	0.564	0.0382	0.0000149	155	0.0000971	0.0129	0.000857	0.00695	0.0398	0.0000417	26.9	46.3	0.304	0.0105	11.6	0.0431	0.014	0.000163	0.00252	0.00191	1.26	0.00000673	0.0045	0.00182	0.00358	0.000851
2079 Jul	863	0.084	0.131	0.0326	7.89	0.305	586	0.0193	0.00101	0.00000939	0.0148	0.027	0.575	0.0382	0.0000153	161	0.0000984	0.0131	0.000866	0.00704	0.0388	0.0000422	27.7	47.3	0.312	0.0108	11.9	0.0437	0.013	0.000152	0.00257	0.00199	1.28	0.00000696	0.00457	0.00183	0.00363	0.000905
2079 Aug	903	0.0774	0.131	0.03	7.41	0.346	615	0.0177	0.000885	0.00000965	0.016	0.0266	0.644	0.0411	0.0000157	164	0.00011	0.0148	0.000935	0.00799	0.0363	0.0000473	29.4	52.5	0.328	0.0116	11.2	0.0502	0.0105	0.000134	0.00285	0.00204	1.42	0.00000691	0.00519	0.00201	0.00383	0.00083
2079 Sep	904	0.0753	0.129	0.0289	7.15	0.354	617	0.017	0.00084	0.00000962	0.0162	0.0262	0.657	0.0413	0.0000157	163	0.000112	0.0152	0.000942	0.00818	0.0348	0.0000482	29.6	53.4	0.329	0.0117	10.8	0.0515	0.00968	0.000123	0.0029	0.00203	1.44	0.00000681	0.00531	0.00203	0.00384	0.000799
2079 Oct	917	0.081	0.132	0.0316	7.18	0.345	626	0.0186	0.000909	0.00000969	0.016	0.0275	0.644	0.0405	0.0000159	167	0.000109	0.0148	0.000929	0.00794	0.0351	0.000047	29.8	52.5	0.331	0.0117	11.5	0.0499	0.00981	0.00012	0.00285	0.00208	1.42	0.00000706	0.00518	0.00198	0.00381	0.000875
2079 Nov	918	0.0837	0.133	0.0326	7.23	0.339	627	0.0192	0.000941	0.00000971	0.0158	0.0279	0.636	0.0401	0.000016	168	0.000107	0.0146	0.00092	0.0078	0.0353	0.0000462	29.8	51.9	0.33	0.0117	11.7	0.0489	0.0101	0.000119	0.00281	0.0021	1.41	0.00000715	0.00509	0.00195	0.00379	0.000906
2079 Dec	912	0.0842	0.132	0.0326	7.27	0.336	622	0.0192	0.000946	0.00000967	0.0157	0.0278	0.63	0.0398	0.0000159	167	0.000107	0.0144	0.000913	0.00773	0.0354	0.0000458	29.6	51.4	0.328	0.0116	11.7	0.0484	0.0105	0.000118	0.00279	0.00208	1.39	0.00000712	0.00504	0.00193	0.00376	0.000905
2080 Jan	913	0.0846	0.132	0.0327	7.29	0.336	623	0.0193	0.000951	0.00000968	0.0157	0.0279	0.629	0.0398	0.0000159	168	0.000106	0.0144	0.000912	0.00772	0.0355	0.0000458	29.6	51.4	0.328	0.0116	11.8	0.0483	0.0105	0.000118	0.00278	0.00209	1.39	0.00000714	0.00503	0.00193	0.00376	0.000909
2080 Feb	916	0.0853	0.133	0.0331	7.3	0.335	625	0.0195	0.000959	0.0000097	0.0157	0.0281	0.629	0.0398	0.0000159	168	0.000106	0.0144	0.000913	0.0077	0.0356	0.0000457	29.6	51.4	0.329	0.0116	11.8	0.0482	0.0105	0.000118	0.00278	0.00209	1.39	0.00000718	0.00503	0.00193	0.00376	0.000919
2080 Mar	919	0.0859	0.133	0.0334	7.31	0.334	627	0.0197	0.000967	0.00000972	0.0157	0.0282	0.628	0.0398	0.000016	169	0.000106	0.0144	0.000913	0.00769	0.0357	0.0000456	29.7	51.3	0.33	0.0116	11.9	0.0481	0.0105	0.000118	0.00278	0.0021	1.39	0.00000721	0.00502	0.00193	0.00377	0.000928
2080 Apr	922	0.0866	0.134	0.0337	7.33	0.334	629	0.0199	0.000976	0.00000975	0.0157	0.0284	0.629	0.0398	0.000016	170	0.000106	0.0144	0.000914	0.00768	0.0358	0.0000456	29.8	51.4	0.331	0.0117	12	0.048	0.0105	0.000118	0.00278	0.00211	1.39	0.00000725	0.00502	0.00193	0.00377	0.000938
2080 May	929	0.0876	0.135	0.0342	7.37	0.335	634	0.0202	0.000988	0.00000981	0.0158	0.0287	0.631	0.0399	0.0000162	171	0.000106	0.0144	0.000918	0.0077	0.036	0.0000458	30	51.6	0.333	0.0117	12.2	0.0482	0.0106	0.000119	0.0028	0.00213	1.4	0.00000732	0.00504	0.00194	0.00379	0.000952
2080 Jun	875	0.0843	0.127	0.0333	7.13	0.309	596	0.0197	0.00101	0.00000946	0.015	0.0275	0.583	0.0374	0.0000155	162	0.0000992	0.0133	0.000855	0.00709	0.0358	0.0000426	28.1	47.7	0.312	0.011	11.8	0.0441	0.0122	0.000115	0.0026	0.00202	1.33	0.00000706	0.00463	0.00181	0.00364	0.000926
2080 Jul	888	0.0797	0.124	0.0319	6.69	0.326	606	0.0189	0.000951	0.00000953	0.0154	0.0272	0.611	0.0384	0.0000156	163	0.000104	0.014	0.000881	0.00748	0.0344	0.0000446	28.7	49.8	0.318	0.0113	11.3	0.0469	0.0109	0.000107	0.00271	0.00203	1.35	0.000007	0.00488	0.00188	0.00372	0.000888
2080 Aug	914	0.0764	0.124	0.0308	6.42	0.349	625	0.0182	0.000889	0.00000969	0.0161	0.0272	0.65	0.0402	0.0000159	165	0.00011	0.015	0.000923	0.00802	0.0334	0.0000475	29.8	52.8	0.329	0.0117	10.9	0.0505	0.00939	0.000102	0.00287	0.00207	1.43	0.000007	0.00523	0.00198	0.00383	0.000855
2080 Sep	922	0.0755	0.124	0.0304	6.28	0.357	631	0.0179	0.000863	0.00000972	0.0163	0.0272	0.663	0.0407	0.0000159	166	0.000112	0.0153	0.000936	0.0082	0.0326	0.0000483	30.2	53.9	0.333	0.0119	10.8	0.0517	0.00862	0.0000978	0.00292	0.00209	1.46	0.00000699	0.00535	0.00201	0.00386	0.000845
2080 Oct	942	0.0808	0.127	0.033	6.31	0.352	645	0.0195	0.000926	0.00000985	0.0161	0.0285	0.659	0.0403	0.0000163	172	0.000111	0.0151	0.000934	0.00807	0.0329	0.0000477	30.6	53.6	0.338	0.012	11.4	0.0508	0.0085	0.0000961	0.00291	0.00215	1.45	0.00000727	0.00528	0.00199	0.00386	0.00092
2080 Nov	943	0.0825	0.128	0.0337	6.34	0.347	646	0.0199	0.000946	0.00000985	0.016	0.0288	0.653	0.0399	0.0000163	172	0.00011	0.0149	0.000927	0.00797	0.033	0.0000472	30.6	53.2	0.337	0.012	11.6	0.0501	0.00865	0.0000954	0.00288	0.00216	1.44	0.00000732	0.00522	0.00197	0.00384	0.00094
2080 Dec	943	0.0829	0.128	0.0339	6.35	0.347	646	0.02	0.000951	0.00000985	0.016	0.0289	0.651	0.0399	0.0000163	173	0.000109	0.0149	0.000926	0.00795	0.0331	0.0000471	30.6	53.1	0.337	0.012	11.6	0.05	0.00872	0.0000952	0.00288	0.00216	1.44	0.00000733	0.00521	0.00196	0.00384	0.000944
2081 Jan	946	0.0835	0.128	0.0341	6.36	0.346	647	0.0202	0.000958	0.00000987	0.016	0.029	0.651	0.0399	0.0000163	173	0.000109	0.0149	0.000926	0.00793	0.0332	0.0000047	30.6	53.1	0.338	0.012	11.7	0.0499	0.00873	0.0000954	0.00288	0.00217	1.44	0.00000736	0.00521	0.00196	0.00384	0.000952
2081 Feb	948	0.0841	0.129	0.0345	6.38	0.346	649	0.0204	0.000966	0.00000989	0.016	0.0292	0.651	0.0398	0.0000164	174	0.000109	0.0149	0.000926	0.00792	0.0333	0.0000469	30.7	53	0.338	0.012	11.8	0.0498	0.00873	0.0000956	0.00287	0.00217	1.44	0.0000074	0.0052	0.00196	0.00384	0.000961
2081 Mar	951	0.0848	0.129	0.0348	6.39	0.345	651	0.0206	0.000974	0.00000991	0.016	0.0294	0.65	0.0398	0.0000164	175	0.000109	0.0148	0.000926	0.00791	0.0333	0.0000469	30.8	53	0.339	0.0121	11.9	0.0497	0.00873	0.0000957	0.00287	0.00218	1.44	0.00000743	0.00519	0.00196	0.00384	0.000971
2081 Apr	955	0.0856	0.13	0.0352	6.41	0.345	654	0.0208	0.000984	0.00000994	0.016	0.0296	0.651	0.0398	0.0000165	176	0.000109	0.0148	0.000927	0.0079	0.0335	0.0000468	30.9	53.1	0.34	0.0121	12	0.0496	0.00873	0.0000959	0.00288	0.0022	1.44	0.00000748	0.00519	0.00196	0.00385	0.000983
2081 May	928	0.0868	0.127	0.0348	7	0.33	633	0.0206	0.00101	0.0000098	0.0156	0.029	0.624	0.0398	0.0000162	172	0.000105	0.0142	0.000916	0.00759	0.0369	0.0000451	29.9	51.1	0.333	0.0117	12.1	0.0474	0.0106	0.00013	0.00277	0.00214	1.39	0.00000737	0.00496	0.00192	0.00377	0.000972
2081 Jun	887	0.0882	0.123	0.0349	7.49	0.304	603	0.0207	0.00105	0.0000095	0.0147	0.0284	0.577	0.0386	0.0000156	167	0.0000976	0.0131	0.00088	0.007	0.04	0.0000419	28.4	47.6	0.32	0.011	12.2	0.0433	0.0125	0.000164	0.00258	0.00206	1.29	0.00000722	0.00456	0.00183	0.00362	0.000975
2081 Jul	940	0.0933	0.13	0.0381	7.32	0.318	644	0.0226	0.0011	0.00000994	0.0153	0.0306	0.608	0.0397	0.0000165	178	0.000102	0.0137	0.000917	0.00731	0.0397	0.0000437	30.2	50.1	0.338	0.0117	12.9	0.0454	0.0114	0.000154	0.00271	0.0022	1.36	0.00000769	0.0048	0.00189	0.00377	0.00107
2081 Aug	955	0.08	0.122	0.0323	6.6	0.362	653	0.0191	0.000911	0.00000999	0.0165	0.0285	0.676	0.0425	0.0000164	174	0.000114	0.0155	0.000978	0.00834	0.0364	0.0000491	31.1	55.1	0.347	0.0122	11.3	0.0524	0.00904	0.000135	0.00298	0.00217	1.49	0.00000728	0.00544	0.00208	0.00394	0.000902
2081 Sep	966	0.0816	0.124	0.0333	6.46	0.362	661	0.0197	0.000927	0.00001	0.0165	0.0291	0.678	0.0424	0.0000166	176	0.000114	0.0156	0.000978	0.00834	0.0358	0.0000491	31.4	55.3	0.349	0.0123	11.5	0.0524	0.00856	0.000128	0.00299	0.0022	1.5	0.00000739	0.00545	0.00208	0.00395	0.00093
2081 Oct	983	0.0865	0.127	0.0358	6.5	0.356	672	0.0212	0.000988	0.0000102	0.0164	0.0303	0.672	0.0419	0.0000169	181	0.000113	0.0154	0.000973	0.00818	0.0361	0.0000483	31.8	54.9	0.353	0.0125	12.1	0.0514	0.0085	0.000127	0.00297	0.00226	1.49	0.00000764	0.00537	0.00205	0.00395	0.001
2081 Nov	978	0.0882	0.127	0.0364	6.53	0.349	669	0.0216	0.00101	0.0000101	0.0162	0.0305	0.661	0.0413	0.0000168	181	0.000111	0.0151	0.00096	0.00802	0.0361	0.0000474	31.6	54.1	0.351	0.0124	12.2	0.0503	0.00876	0.000125	0.00292	0.00225	1.47	0.00000767	0.00527	0.00201	0.00391	0.00102
2081 Dec	977	0.0889	0.127	0.0366	6.55	0.347	668	0.0217	0.00102	0.0000101	0.0161	0.0306	0.658	0.0411	0.0000168	181	0.00011	0.015	0.000956	0.00798	0.0362	0.0000472	31.5	53.8	0.35	0.0123	12.3	0.05	0.00891	0.000124	0.00291	0.00225	1.46	0.00000768	0.00524	0.002	0.0039	0.00103
2082 Jan	979	0.0894	0.128	0.0368	6.57	0.347	669	0.0219	0.00102	0.0000101	0.0161	0.0307	0.657	0.0411	0.0000169	181	0.00011	0.015	0.000956	0.00796	0.0362	0.0000471	31.6	53.8	0.35	0.0123	12.3	0.0499	0.00893	0.000124	0.00291	0.00226	1.46	0.0000077	0.00523	0.002	0.0039	0.00103
2082 Feb	981	0.0899	0.128	0.0371	6

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2084 Dec	876	0.0719	0.0937	0.0285	5.5	0.339	599	0.017	0.000831	0.00000928	0.0155	0.0258	0.629	0.0402	0.0000152	159	0.000107	0.0145	0.000915	0.00782	0.035	0.000046	28.7	51.2	0.32	0.0113	9.62	0.0491	0.00962	0.000133	0.00277	0.00198	1.39	0.00000666	0.00508	0.00195	0.00366	0.0008
2085 Jan	877	0.0722	0.0939	0.0287	5.51	0.338	599	0.0171	0.000835	0.00000929	0.0155	0.0259	0.629	0.0402	0.0000152	159	0.000107	0.0145	0.000915	0.00781	0.0351	0.0000459	28.7	51.2	0.32	0.0113	9.65	0.049	0.00962	0.000133	0.00277	0.00199	1.39	0.00000667	0.00507	0.00195	0.00366	0.000804
2085 Feb	879	0.0727	0.0944	0.029	5.52	0.338	601	0.0172	0.000842	0.00000931	0.0155	0.026	0.628	0.0402	0.0000152	160	0.000106	0.0145	0.000915	0.0078	0.0351	0.0000459	28.7	51.2	0.321	0.0113	9.73	0.049	0.00962	0.000133	0.00277	0.00199	1.39	0.0000067	0.00507	0.00195	0.00366	0.000812
2085 Mar	882	0.0734	0.095	0.0293	5.53	0.338	603	0.0175	0.00085	0.00000933	0.0155	0.0262	0.628	0.0402	0.0000153	161	0.000106	0.0145	0.000915	0.00779	0.0352	0.0000458	28.8	51.2	0.322	0.0113	9.82	0.0489	0.00961	0.000133	0.00277	0.002	1.39	0.00000674	0.00506	0.00194	0.00367	0.000822
2085 Apr	886	0.074	0.0956	0.0296	5.54	0.338	605	0.0176	0.000858	0.00000936	0.0155	0.0264	0.629	0.0402	0.0000153	161	0.000106	0.0145	0.000916	0.00779	0.0353	0.0000458	28.9	51.3	0.323	0.0114	9.9	0.0488	0.00961	0.000133	0.00277	0.00201	1.39	0.00000678	0.00506	0.00195	0.00367	0.000831
2085 May	878	0.075	0.0948	0.0295	5.54	0.328	593	0.0176	0.000876	0.00000927	0.0152	0.0261	0.611	0.0401	0.0000151	159	0.000104	0.0141	0.000908	0.00758	0.0373	0.0000447	28.3	50	0.318	0.0111	10	0.0474	0.0107	0.000153	0.0027	0.00198	1.36	0.00000672	0.00492	0.00192	0.00362	0.000828
2085 Jun	860	0.0807	0.0972	0.0317	6.51	0.306	585	0.019	0.000959	0.00000921	0.0146	0.0268	0.577	0.0392	0.0000151	160	0.0000979	0.0132	0.000887	0.00709	0.0404	0.0000421	27.7	47.5	0.314	0.0108	10.7	0.0439	0.0122	0.00018	0.00257	0.00198	1.29	0.00000685	0.0046	0.00185	0.00354	0.000891
2085 Jul	903	0.0799	0.0991	0.0325	5.98	0.328	616	0.0194	0.000945	0.00000952	0.0153	0.0278	0.617	0.0404	0.0000157	167	0.000104	0.0141	0.000924	0.00757	0.0385	0.0000447	29.2	50.6	0.329	0.0114	10.7	0.0472	0.0104	0.000162	0.00273	0.00207	1.37	0.00000708	0.00493	0.00194	0.00369	0.000914
2085 Aug	890	0.0639	0.0875	0.026	4.93	0.364	610	0.0155	0.000736	0.00000937	0.0162	0.025	0.669	0.0422	0.0000153	159	0.000114	0.0156	0.00096	0.00841	0.0339	0.0000491	29.4	54.3	0.329	0.0116	8.77	0.0532	0.00797	0.000133	0.00294	0.00199	1.47	0.00000651	0.00545	0.00207	0.00378	0.000729
2085 Sep	895	0.0663	0.0887	0.0272	4.81	0.359	613	0.0162	0.000762	0.00000937	0.0161	0.0256	0.664	0.0415	0.0000153	160	0.000112	0.0154	0.000948	0.00829	0.0331	0.0000485	29.5	53.9	0.328	0.0117	9.01	0.0524	0.00775	0.000122	0.00291	0.00201	1.46	0.00000661	0.00539	0.00204	0.00376	0.000762
2085 Oct	900	0.0709	0.0914	0.0291	4.89	0.349	616	0.0174	0.000817	0.00000939	0.0158	0.0264	0.649	0.0406	0.0000155	163	0.000109	0.015	0.000931	0.00805	0.0332	0.0000472	29.5	52.8	0.328	0.0116	9.51	0.0507	0.00801	0.000119	0.00286	0.00204	1.43	0.00000677	0.00524	0.00198	0.00371	0.000819
2085 Nov	891	0.0721	0.0912	0.0293	4.97	0.343	611	0.0175	0.000829	0.00000933	0.0156	0.0264	0.639	0.0401	0.0000154	162	0.000108	0.0147	0.000918	0.00791	0.0333	0.0000464	29.2	52	0.324	0.0115	9.57	0.0498	0.00845	0.000117	0.00281	0.00202	1.41	0.00000676	0.00515	0.00195	0.00367	0.000824
2085 Dec	892	0.0725	0.0914	0.0294	4.98	0.343	611	0.0176	0.000833	0.00000934	0.0156	0.0264	0.638	0.04	0.0000154	162	0.000108	0.0147	0.000917	0.0079	0.0334	0.0000464	29.2	51.9	0.324	0.0115	9.61	0.0497	0.0085	0.000117	0.00281	0.00202	1.41	0.00000677	0.00514	0.00195	0.00367	0.000828
2086 Jan	895	0.0731	0.092	0.0298	5	0.342	613	0.0178	0.000842	0.00000936	0.0156	0.0266	0.638	0.04	0.0000154	163	0.000107	0.0147	0.000917	0.00788	0.0335	0.0000463	29.2	51.9	0.325	0.0115	9.69	0.0496	0.0085	0.000117	0.00281	0.00203	1.41	0.0000068	0.00514	0.00195	0.00367	0.000837
2086 Feb	897	0.0738	0.0926	0.0301	5.02	0.342	615	0.018	0.00085	0.00000938	0.0156	0.0268	0.637	0.04	0.0000155	163	0.000107	0.0147	0.000918	0.00787	0.0335	0.0000462	29.3	51.9	0.325	0.0115	9.78	0.0495	0.0085	0.000117	0.00281	0.00204	1.41	0.00000684	0.00513	0.00195	0.00368	0.000847
2086 Mar	900	0.0745	0.0932	0.0305	5.03	0.341	617	0.0182	0.000859	0.0000094	0.0156	0.027	0.637	0.04	0.0000155	164	0.000107	0.0146	0.000918	0.00786	0.0336	0.0000462	29.4	51.9	0.326	0.0116	9.87	0.0494	0.0085	0.000117	0.0028	0.00205	1.41	0.00000688	0.00512	0.00194	0.00368	0.000856
2086 Apr	905	0.0753	0.094	0.0309	5.05	0.341	620	0.0184	0.000869	0.00000944	0.0156	0.0272	0.638	0.04	0.0000156	165	0.000107	0.0146	0.000919	0.00785	0.0338	0.0000462	29.5	52	0.328	0.0116	9.98	0.0493	0.0085	0.000117	0.00281	0.00206	1.41	0.00000693	0.00512	0.00194	0.00369	0.000868
2086 May	904	0.0761	0.0943	0.031	5.21	0.339	619	0.0185	0.00088	0.00000946	0.0156	0.0273	0.635	0.0401	0.0000156	165	0.000107	0.0146	0.000921	0.00782	0.0346	0.000046	29.4	51.8	0.328	0.0116	10.1	0.0491	0.00891	0.000124	0.0028	0.00206	1.4	0.00000695	0.0051	0.00194	0.00369	0.000873
2086 Jun	794	0.0727	0.0851	0.0283	6.06	0.29	539	0.0169	0.000905	0.00000875	0.0141	0.0244	0.543	0.0373	0.0000141	147	0.0000932	0.0124	0.000832	0.00673	0.039	0.0000402	25.7	44.6	0.291	0.01	9.62	0.0417	0.0134	0.000169	0.00242	0.00182	1.21	0.00000635	0.00434	0.00176	0.00339	0.000793
2086 Jul	842	0.0713	0.0868	0.029	5.4	0.314	574	0.0174	0.000885	0.00000908	0.0148	0.0255	0.587	0.0385	0.0000148	155	0.0001	0.0135	0.000872	0.00726	0.0367	0.0000431	27.4	48	0.307	0.0107	9.6	0.0453	0.0113	0.000147	0.0026	0.00192	1.3	0.00000658	0.00471	0.00185	0.00355	0.000816
2086 Aug	855	0.0596	0.0793	0.0245	4.52	0.353	586	0.0146	0.000721	0.00000913	0.0158	0.0239	0.647	0.0408	0.0000148	152	0.000111	0.0151	0.000924	0.00816	0.033	0.0000478	28.3	52.5	0.316	0.0112	8.19	0.0515	0.00868	0.000123	0.00285	0.00191	1.42	0.00000628	0.00528	0.00201	0.0037	0.000687
2086 Sep	864	0.0608	0.0802	0.0253	4.39	0.353	592	0.0151	0.000732	0.00000917	0.0158	0.0243	0.649	0.0405	0.0000149	154	0.00011	0.0151	0.000921	0.00815	0.032	0.0000477	28.6	52.6	0.317	0.0113	8.32	0.0515	0.00814	0.000113	0.00285	0.00193	1.42	0.00000636	0.00529	0.002	0.00369	0.00071
2086 Oct	874	0.064	0.0828	0.0268	4.44	0.349	599	0.016	0.00077	0.00000923	0.0157	0.0251	0.645	0.0402	0.0000151	157	0.000109	0.0149	0.000917	0.00805	0.0322	0.0000472	28.8	52.3	0.319	0.0114	8.72	0.0508	0.00817	0.000111	0.00283	0.00197	1.42	0.00000651	0.00523	0.00197	0.00369	0.000753
2086 Nov	875	0.0646	0.0831	0.027	4.46	0.349	600	0.0161	0.000776	0.00000925	0.0157	0.0252	0.645	0.0402	0.0000151	157	0.000109	0.0149	0.000917	0.00804	0.0323	0.0000472	28.8	52.3	0.32	0.0114	8.78	0.0508	0.00821	0.000111	0.00283	0.00197	1.42	0.00000654	0.00523	0.00197	0.00369	0.000759
2086 Dec	878	0.0651	0.0836	0.0273	4.47	0.348	602	0.0163	0.000783	0.00000927	0.0157	0.0254	0.644	0.0402	0.0000151	158	0.000109	0.0149	0.000917	0.00803	0.0324	0.0000471	28.9	52.3	0.32	0.0114	8.85	0.0507	0.00822	0.000111	0.00283	0.00198	1.42	0.00000657	0.00522	0.00197	0.00369	0.000767
2087 Jan	881	0.0658	0.0843	0.0277	4.48	0.348	604	0.0165	0.000792	0.00000929	0.0157	0.0256	0.644	0.0401	0.0000152	159	0.000109	0.0149	0.000918	0.00802	0.0324	0.0000447	29	52.3	0.321	0.0114	8.94	0.0506	0.00821	0.000111	0.00283	0.00199	1.42	0.0000066	0.00521	0.00197	0.0037	0.000777
2087 Feb	884	0.0665	0.0849	0.028	4.5	0.347	606	0.0167	0.000801	0.00000931	0.0157	0.0257	0.644	0.0401	0.0000152	159	0.000109	0.0149	0.000918	0.008	0.0325	0.0000447	29	52.3	0.322	0.0114	9.04	0.0505	0.0082	0.000111	0.00283	0.002	1.42	0.00000664	0.00521	0.00197	0.0037	0.000788
2087 Mar	887	0.0672	0.0856	0.0284	4.51	0.347	608	0.0169	0.00081	0.00000934	0.0157	0.0259	0.644	0.0401	0.0000153	160	0.000109	0.0149	0.000918	0.00799	0.0326	0.0000469	29.1	52.3	0.323	0.0115	9.13	0.0504	0.0082	0.000112	0.00283	0.00201	1.42	0.00000668	0.0052	0.00197	0.0037	0.000798
2087 Apr	891	0.068	0.0863	0.0287	4.53	0.347	610	0.0172	0.000819	0.00000936	0.0157	0.0262	0.644	0.0401	0.0000154	161	0.000109	0.0149	0.000919	0.00798	0.0327	0.0000469	29.2	52.3	0.324	0.0115	9.23	0.0503	0.00819	0.000112	0.00283	0.00202	1.42	0.00000673	0.0052	0.00197	0.00371	0.000808
2087 May	871	0.0686	0.0852	0.0283	4.97	0.337	596	0.0169	0.000831	0.00000926	0.0154	0.0257	0.626	0.04	0.0000151	158	0.000106	0.0144	0.000911	0.00778	0.0349	0.0000458	28.5	51	0.319	0.0112	9.27	0.0489	0.00945	0.000133	0.00276	0.00197	1.38	0.00000663	0.00505	0.00194	0.00366	0.000797
2087 Jun	796	0.0708	0.0811	0.0272	6.39	0.297	540	0.0163	0.000877	0.00000877	0.0142	0.024	0.553	0.039	0.0000141	147	0.0000951	0.0127	0.000865	0.00691	0.0418	0.0000411	25.8	45.5	0.296	0.0101	9.41	0.0428	0.0136	0.000205	0.00246	0.00181	1.24	0.00000627	0.00444	0.00183	0.00342	0.000763
2087 Jul	826	0.0769	0.0884	0.0311	6.1	0.305	579	0.0186	0.000949	0.00000916	0.0145	0.0264	0.575	0.0393	0.000015	159	0.0000977	0.0131	0.000887	0.00708	0.0408	0.0000421	27.5	47.3	0.313	0.0107	10.3	0.0439	0.0122	0.000189	0.00256	0.00196	1.29	0.00000678	0.00458	0.00186	0.00354	0.000874
2087 Aug	878	0.0677	0.0831	0.0279	5.11	0.343	600	0.0167	0.000818	0.00000932	0.0156	0.0256	0.636	0.0413	0.0000152	159	0.000108	0.0147	0.000937	0.00794	0.0368	0.0000466	28.8	51.9	0.324	0.0113	9.19	0.0498	0.00955	0.000157	0.00281	0.00198	1.41	0.00000663	0.00514	0.002	0.00371	0.000785
2087 Sep	895	0.0662	0.0829	0.0278	4.74	0.354	613	0.0166	0.000794	0.00000942	0.0159	0.0259	0.656	0.0418	0.0000154	161	0.000111	0.0152	0.000952	0.00819	0.0353	0.0000479	29.4	53.4	0.33	0.0116	9.04	0.0516	0.00845	0.000144	0.00289	0.00202	1.45	0.00000668	0.00532	0.00204	0.00377	0.000782
2087 Oct	904	0.0698	0.0857	0.0295	4.79	0.348	619	0.0176	0.000837	0.00000947	0.0158	0.0267	0.649	0.0413	0.0000156	164	0.00011	0.015	0.000945	0.00805	0.0354	0.0000472	29.6	52.9	0.331	0.0116	9.47	0.0506	0.00846	0.000142	0.00286	0.00205	1.43	0.00000684	0.00524	0.00201	0.00375	0.000831
2087 Nov	901	0.0701	0.0856	0.0295	4.81	0.346	617	0.0176	0.00084	0.00000945	0.0157	0.0267	0.646	0.0411	0.0000155	164	0.000109	0.0149	0.00094	0.008	0.0354	0.0000474	29.5	52.6	0.33	0.0116	9.48	0.0503	0.00859	0.000141	0.00285	0.00204	1.43	0.00000683	0.00521	0.002	0.00374	0.000831
2087 Dec	902	0.0704	0.0859	0.0297	4.82	0.346	617	0.0177	0.000844	0.00000945	0.0157	0.0267	0.645	0.0411	0.0000155	164	0.000109	0.0149	0.00094	0.00799	0.0354	0.0000469	29.5	52.6	0.33	0.0116	9.52	0.0503	0.00862	0.000141	0.00284	0.00205	1.43	0.00000684	0.0052	0.002	0.00374	0.000835
2088 Jan	905	0.071	0.0864	0.03	4.84	0.346	619	0.0179	0.000852	0.00000947	0.0157	0.0269	0.645	0.041	0.0000156	165	0.000109	0.0149	0.00094	0.00798	0.0355	0.0000468	29.6	52.6	0.331	0.0116	9.6	0.0502	0.00862	0.000141	0.00284	0.00206	1.42	0.00000688	0.00519	0.002	0.00374	0.000845
2088 Feb	907	0.0716	0.0869	0.0302	4.85	0.345	621	0.0181	0.000858	0.00000949	0.0157	0.027	0.644	0.041	0.0000156	165	0.000109	0.0148	0.00094	0.00797	0.0356	0.0000468	29.6	52.6	0.331	0.0116	9.67	0.0501	0.00861	0.000141	0.00284	0.00206	1.42	0.00000691	0.00519	0.002	0.00374	0.000852
2088 Mar	910	0.0722	0.0876	0.0306	4.86	0.345	623	0.0183	0.000867	0.00000951	0.0157	0.0272	0.644	0.041	0.0000157	166	0.000109	0.0148	0.000941	0.00796	0.0356	0.0000467	29.7	52.6	0.332	0.0117	9.77	0.05	0.00861	0.000141	0.00284	0.00207	1.43	0.00000695	0.00519	0.00199	0.00375	0.000862
2088 Apr	915	0.0731	0.0884	0.031	4.89	0.345	626	0.0185	0.000877	0.00000956	0.0157	0.0275	0.646	0.0411	0.0000158	167	0.000109	0.0149	0.000943	0.00797	0.0358	0.0000468	29.9	52.7	0.334	0.0117	9.87	0.05	0.00862	0.000141	0.00285	0.00209	1.43	0.000007	0.00519	0.002	0.00376	0.000873
2088 May	923	0.074	0.0894	0.0314	4.93	0.347	631	0.0188	0.000889	0.00000963	0.0158	0.0278	0.649	0.0413	0.0000159	169	0.000109	0.0149	0.000948	0.008	0.036	0.000047	30.1	53	0.336	0.0118	10	0.0502	0.00866	0.000142	0.00287	0.0021	1.44	0.00000707	0.00522	0.00201	0.00378	0.000886
2088 Jun	858	0.0718	0.0854	0.0306	4.95	0.313	586	0.0184	0.00093	0.00000924	0.0149	0.0264	0.588	0.0381	0.0000151	158	0.0001	0.0135	0.000869	0.00723	0.0361	0.0000431	27.8	48.2	0.311	0.0109	9.79	0.0451	0.0111	0.000136	0.00262	0.00197	1.31	0.00000679	0.0047	0.00185	0.0036	0.000863
2088 Jul	885	0.0755	0.0893	0.0329	4.86	0.315	605	0.0197	0.000983	0.00000945	0.015	0.0277	0.595	0.0381	0.0000155	164	0.000101	0.0136	0.000876	0.00724	0.036	0.0000433	28.6	48.8	0.319	0.0112	10.3	0.0452	0.0108	0.00013	0.00265	0.00204	1.32	0.00000708	0.00474	0.00185	0.00366	0.000929
2088 Aug	902	0.0675	0.0835	0.0296	4.26	0.347	618	0.0177	0.000857	0.00000954	0.0159	0.0267	0.647	0.0404	0.0000156	164	0.00011	0.0149	0.000927	0.00801	0.0338	0.0000472	29.5	52.7	0.328	0.0116	9.3	0.0504	0.00879	0.000117	0.00286	0.00205	1.43	0.00000688	0.00522	0.00199	0.0038	0.000834
2088 Sep	923	0.0706	0.0866	0.0313	4.23	0.348	633	0.0188	0.000891	0.00000967	0.0159	0.0277	0.652	0.0404	0.0000159	168	0.00011	0.015	0.000933	0.00801	0.0337	0.0000473	30.1	53.1	0.334	0.0118	9.72	0.0505	0.00834	0.000115	0.00288	0.00211	1.44	0.00000708	0.00524	0.00199	0.00382	0.000884
2088 Oct	907	0.0737	0.087	0.0321	4.37	0.334	621	0.0192	0.000922	0.00000953	0.0155	0.0278	0.628	0.0391	0.0000157	166	0.000106	0.0144	0.000903	0.00768	0.0337	0.0000454	29.5	51.2	0.326	0.0116	9.93	0.0482	0.00899	0.000111	0.00278	0.00208	1.39	0.00000707	0.00502	0.00192	0.00372	0.000905
2088 Nov	899	0.0747	0.0868	0.0321	4.46	0.33	616	0.0192	0.00093	0.00000948	0.0154	0.0276	0.619	0.0387	0.0000156	165	0.000104	0.0142	0.000893	0.00757	0.0338	0.0000449	29.2	50.6	0.323	0.0114	9.96	0.0475	0.00944	0.000109	0.00274	0.00206	1.37	0.00000704	0.00495	0.00189	0.00369	0.000906
2088 Dec	900	0.075	0.087	0.0322	4.47	0.329	616	0.0193	0.000933	0.00000949	0.0154	0.0277	0.619	0.0387	0.0000157	166	0.000104	0.0142	0.000893	0.00756	0.0338	0.0000449	29.2	50.5	0.323	0.0114	9.99	0.0474	0.00947	0.000109	0.00274	0.00207	1.37	0.00000706	0.00495	0.00189	0.00369	0.000909
2089 Jan	902	0.0755	0.0874	0.0325	4.48	0.329	618	0.0195	0.00094	0.00000951	0.0153	0.0278	0.619	0.0387	0.0000157	166	0.000104	0.0141	0.000893	0.00755	0.0339	0.0000448	29.2	50.5	0.324	0.0115	10.1	0.0473	0.00947	0.000109	0.00274	0.00207	1.37	0.00000708	0.00494	0.00189	0.00369	0.000916
2089 Feb	904	0.0761	0.088	0.0328	4.5	0.328	619	0.0196	0.000947	0.00000953	0.0153	0.028	0.619	0.0387	0.0000157	167	0.000104	0.0141	0.000893	0.00754	0.0339	0.0000448	29.3	50.5	0.325	0.0115	10.1	0.0473	0.00947	0.000109	0.00274	0.00208	1.37	0.00000711	0.00494	0.00189	0.00369	0.000925
2089 Mar	907	0.0767	0.0885	0.0331	4.51	0.328	621	0.0198	0.000954	0.00000955	0.0153	0.0282	0.619	0.0387	0.0000158	168	0.000104	0.0141	0.000894	0.00753	0.034	0.0000447	29.4	50.5	0.325	0.0115	10.2	0.0472	0.00946	0.000109	0.00274	0.00209	1.37	0.00000715	0.00494	0.00189	0.0037	0.000933
2089 Apr	911	0.0774	0.0892	0.0334	4.53	0.328	624	0.02	0.000963	0.00000958	0.0154	0.0284	0.619	0.0387	0.0000158	168	0.000104	0.0141	0.000896	0.00754	0.0341	0.0000447	29.5	50.6	0.327	0.0115	10.3	0.0472	0.00947	0.00011	0.00274	0.0021	1.37	0.00000719	0.00494	0.00189	0.0037	0.000943
2089 May	888	0.0779	0.0878	0.0328	5.07	0.317	606	0.0197	0.000974	0.00000945	0.015	0.0277	0.599	0.0387	0.0000155	165	0.000101	0.0136	0.000887	0.00731	0.0368	0.0000435	28.7	49.1	0.32	0.0112	10.3	0.0455	0.011	0.000137	0.00266	0.00205	1.33	0.00000706	0.00477	0.00186	0.00364	0.000924
2089 Jun	844	0.0821	0.0876	0.0332	6.24	0.286	572	0.0199	0.00104	0.00000917	0.0141	0.0271	0.544	0.038	0.000015	160	0.0000927	0.0123	0.000857	0.00663	0.0424	0.0000398	27	45	0.307	0.0105	10.8	0.0408	0.014	0.000193	0.00244	0.00196	1.23	0.00000694	0.0043	0.00178	0.00348	0.000935
2089 Jul	870	0.0769	0.085	0.0319	5.47	0.311	593	0.0192	0.000964	0.00000931	0.0148	0.0271	0.587	0.0392	0.0000153	162	0.0000995	0.0134	0.00089	0.00719	0.0393	0.0000428	28.1	48.2	0.317	0.011	10.2	0.0447	0.0117	0.000168	0.00261	0.002	1.31	0.00000693	0.00467	0.00187	0.0036	0.0009

Appendix D.2-7: CP8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	93.1	0.0555	0.064	0.0025	36.4	0.0274	15.2	0.000731	0.000731	0.00000517	0.00465	0.00575	0.0302	0.0147	0.0000129	12	0.00000967	0.000345	0.00019	0.000786	0.0184	0.00000627	1.52	2.03	0.0222	0.0014	22.1	0.00207	0.0149	0.0000464	0.000214	0.0000479	0.162	0.00000194	0.000345	0.000283	0.00134	0.000301
Operation (2026-2036): Mean	8400	48.7	92.8	0.2	3750	0.116	1270	0.0611	0.00578	0.000059	0.0259	0.226	0.814	0.176	0.000159	595	0.000284	0.0415	0.00338	0.0209	0.0558	0.0000127	161	372	2.83	0.0145	2150	0.216	0.0318	0.000579	0.00302	0.0104	2.98	0.00013	0.0303	0.00915	0.0111	0.00414
Operation (2026-2036): Max	14100	81.4	156	0.503	6520	0.473	2060	0.103	0.00903	0.000091	0.0388	0.483	1.28	0.267	0.00024	965	0.000441	0.0666	0.00517	0.033	0.0727	0.0000158	262	618	4.54	0.0212	3540	0.355	0.17	0.000867	0.0046	0.0171	5.39	0.000322	0.0501	0.0138	0.0164	0.00668
2092 Jun	721	0.0683	0.0656	0.0259	5.86	0.26	487	0.0156	0.000883	0.00000816	0.0129	0.0222	0.485	0.0354	0.000013	135	0.0000841	0.0111	0.000775	0.00606	0.0406	0.0000364	23.2	40.1	0.267	0.00904	8.7	0.0372	0.0151	0.000193	0.00217	0.00165	1.09	0.00000586	0.00387	0.00162	0.00312	0.000729
2092 Jul	773	0.0654	0.0665	0.0264	4.89	0.289	526	0.0159	0.00084	0.00000847	0.0138	0.0233	0.538	0.0366	0.0000137	143	0.0000922	0.0124	0.000819	0.0067	0.037	0.0000398	25.1	44.2	0.285	0.00983	8.52	0.0417	0.0121	0.000161	0.00239	0.00176	1.2	0.00000609	0.00432	0.00173	0.0033	0.000745
2092 Aug	806	0.0608	0.0644	0.0252	4.24	0.317	550	0.0152	0.000771	0.00000869	0.0146	0.0234	0.586	0.0383	0.0000141	146	0.0001	0.0135	0.000862	0.00733	0.0346	0.0000432	26.4	47.7	0.297	0.0104	8.01	0.046	0.0101	0.000143	0.00259	0.00182	1.29	0.00000612	0.00474	0.00185	0.00345	0.000712
2092 Sep	838	0.0663	0.0702	0.0283	4.18	0.316	573	0.017	0.000836	0.0000089	0.0146	0.0252	0.59	0.0381	0.0000146	154	0.0001	0.0136	0.000868	0.0073	0.0344	0.0000431	27.3	48.2	0.306	0.0107	8.76	0.0458	0.00944	0.000135	0.00261	0.00191	1.31	0.00000647	0.00475	0.00184	0.00349	0.0008
2092 Oct	866	0.0726	0.0763	0.0315	4.23	0.312	592	0.019	0.000912	0.00000909	0.0145	0.0269	0.588	0.0377	0.000015	160	0.0000988	0.0134	0.000867	0.00718	0.0345	0.0000425	28	48.2	0.313	0.011	9.59	0.0449	0.00916	0.000131	0.00261	0.002	1.31	0.00000682	0.00469	0.00182	0.00351	0.000893
2092 Nov	869	0.074	0.0773	0.0321	4.28	0.31	594	0.0193	0.000928	0.00000912	0.0145	0.0272	0.586	0.0375	0.0000151	161	0.0000983	0.0134	0.000865	0.00713	0.0347	0.0000423	28.1	48	0.314	0.011	9.75	0.0446	0.00927	0.00013	0.0026	0.00201	1.3	0.00000688	0.00467	0.00181	0.00351	0.000909
2092 Dec	871	0.0744	0.0777	0.0323	4.29	0.31	595	0.0194	0.000933	0.00000913	0.0145	0.0273	0.586	0.0375	0.0000151	162	0.0000982	0.0133	0.000865	0.00712	0.0347	0.0000422	28.1	48	0.314	0.011	9.79	0.0445	0.00929	0.00013	0.0026	0.00201	1.3	0.0000069	0.00466	0.00181	0.00351	0.000914
2093 Jan	872	0.0747	0.078	0.0324	4.3	0.31	596	0.0195	0.000937	0.00000914	0.0145	0.0274	0.586	0.0375	0.0000151	162	0.0000982	0.0133	0.000865	0.00712	0.0347	0.0000422	28.1	48	0.314	0.011	9.84	0.0444	0.00929	0.00013	0.0026	0.00201	1.3	0.00000691	0.00466	0.00181	0.00351	0.000919
2093 Feb	874	0.0753	0.0785	0.0327	4.31	0.309	598	0.0197	0.000943	0.00000916	0.0145	0.0275	0.585	0.0375	0.0000152	163	0.0000981	0.0133	0.000865	0.00711	0.0348	0.0000422	28.2	48	0.315	0.011	9.91	0.0444	0.00929	0.00013	0.0026	0.00202	1.3	0.00000694	0.00466	0.0018	0.00351	0.000926
2093 Mar	878	0.0759	0.0791	0.033	4.33	0.309	600	0.0199	0.000951	0.00000918	0.0145	0.0277	0.586	0.0375	0.0000152	164	0.0000981	0.0133	0.000866	0.0071	0.0349	0.0000422	28.3	48	0.316	0.011	10	0.0443	0.00929	0.00013	0.0026	0.00203	1.3	0.00000698	0.00465	0.0018	0.00352	0.000936
2093 Apr	882	0.0766	0.0798	0.0334	4.35	0.309	603	0.0201	0.00096	0.00000922	0.0145	0.0279	0.587	0.0376	0.0000153	164	0.0000982	0.0133	0.000868	0.00711	0.035	0.0000422	28.4	48.1	0.317	0.0111	10.1	0.0443	0.0093	0.00013	0.0026	0.00204	1.31	0.00000702	0.00466	0.00181	0.00353	0.000945
2093 May	886	0.0792	0.0817	0.0343	4.63	0.305	605	0.0206	0.000993	0.00000927	0.0144	0.0283	0.581	0.0377	0.0000154	166	0.0000972	0.0132	0.000869	0.00701	0.0365	0.0000417	28.4	47.7	0.319	0.0111	10.4	0.0436	0.00988	0.000142	0.00258	0.00206	1.3	0.00000712	0.0046	0.0018	0.00353	0.000972
2093 Jun	821	0.0812	0.0801	0.0336	5.82	0.269	557	0.0203	0.00104	0.00000886	0.0133	0.027	0.515	0.0364	0.0000146	157	0.0000873	0.0116	0.000824	0.00622	0.0419	0.0000374	26.1	42.8	0.299	0.0101	10.6	0.0382	0.0133	0.000197	0.00231	0.00192	1.17	0.00000683	0.00405	0.00169	0.00332	0.000951
2093 Jul	852	0.0777	0.0789	0.0331	5.12	0.292	580	0.0199	0.000989	0.00000905	0.014	0.0273	0.556	0.0375	0.0000149	161	0.0000937	0.0126	0.000857	0.00674	0.0392	0.0000402	27.3	45.9	0.31	0.0106	10.3	0.0418	0.0114	0.000174	0.00248	0.00198	1.25	0.0000069	0.0044	0.00177	0.00345	0.000936
2093 Aug	874	0.074	0.077	0.0322	4.55	0.312	597	0.0193	0.000935	0.00000919	0.0146	0.0273	0.589	0.0385	0.0000152	163	0.0000992	0.0134	0.000884	0.00719	0.0369	0.0000426	28.2	48.4	0.318	0.011	9.84	0.0449	0.00974	0.000155	0.00262	0.00202	1.31	0.00000691	0.00469	0.00185	0.00355	0.000911
2093 Sep	882	0.0737	0.077	0.0323	4.31	0.316	603	0.0194	0.000925	0.00000921	0.0147	0.0275	0.597	0.0385	0.0000153	164	0.0001	0.0136	0.000887	0.00728	0.0358	0.0000443	28.5	48.9	0.32	0.0111	9.79	0.0455	0.00907	0.000144	0.00265	0.00203	1.33	0.00000694	0.00476	0.00186	0.00356	0.000914
2093 Oct	866	0.0766	0.0772	0.0327	4.37	0.304	592	0.0197	0.000947	0.00000908	0.0143	0.0274	0.576	0.0372	0.0000151	162	0.0000966	0.0131	0.000856	0.00699	0.0351	0.0000415	27.9	47.3	0.312	0.0109	9.91	0.0436	0.00966	0.000132	0.00256	0.00201	1.29	0.00000691	0.00458	0.00178	0.00347	0.000927
2093 Nov	862	0.0789	0.0779	0.0332	4.48	0.299	589	0.02	0.000969	0.00000906	0.0142	0.0275	0.567	0.0366	0.000015	161	0.0000949	0.0129	0.000843	0.00685	0.0351	0.0000408	27.7	46.6	0.309	0.0108	10.1	0.0426	0.0102	0.000128	0.00251	0.002	1.27	0.00000693	0.00449	0.00174	0.00343	0.000941
2093 Dec	862	0.0791	0.078	0.0333	4.5	0.298	589	0.02	0.000972	0.00000906	0.0142	0.0275	0.566	0.0366	0.000015	161	0.0000947	0.0128	0.000842	0.00684	0.0351	0.0000407	27.7	46.5	0.309	0.0108	10.1	0.0425	0.0102	0.000127	0.00251	0.002	1.26	0.00000694	0.00448	0.00174	0.00343	0.000943
2094 Jan	863	0.0794	0.0782	0.0334	4.51	0.298	589	0.0201	0.000975	0.00000907	0.0142	0.0276	0.566	0.0366	0.000015	162	0.0000947	0.0128	0.000842	0.00684	0.0352	0.0000407	27.7	46.5	0.309	0.0108	10.1	0.0425	0.0102	0.000127	0.00251	0.002	1.26	0.00000695	0.00448	0.00174	0.00343	0.000946
2094 Feb	864	0.0798	0.0786	0.0336	4.52	0.298	590	0.0202	0.000979	0.00000908	0.0142	0.0277	0.566	0.0366	0.0000151	162	0.0000946	0.0128	0.000843	0.00683	0.0352	0.0000407	27.7	46.5	0.31	0.0108	10.2	0.0425	0.0102	0.000128	0.00251	0.00201	1.26	0.00000697	0.00448	0.00174	0.00343	0.000952
2094 Mar	867	0.0804	0.0792	0.0339	4.54	0.297	592	0.0204	0.000987	0.0000091	0.0142	0.0279	0.566	0.0366	0.0000151	163	0.0000946	0.0128	0.000843	0.00682	0.0353	0.0000406	27.8	46.5	0.31	0.0108	10.3	0.0424	0.0102	0.000128	0.00251	0.00202	1.26	0.00000701	0.00447	0.00174	0.00344	0.000961
2094 Apr	871	0.0811	0.0799	0.0343	4.56	0.297	595	0.0206	0.000996	0.00000913	0.0142	0.0281	0.566	0.0366	0.0000152	164	0.0000946	0.0128	0.000845	0.00682	0.0354	0.0000406	27.9	46.6	0.312	0.0109	10.3	0.0424	0.0102	0.000128	0.00251	0.00203	1.27	0.00000705	0.00447	0.00174	0.00344	0.000971
2094 May	866	0.0842	0.0819	0.0352	5.06	0.287	590	0.0212	0.00104	0.00000913	0.0139	0.0284	0.55	0.0366	0.0000152	164	0.0000919	0.0124	0.00084	0.0066	0.0379	0.0000395	27.6	45.4	0.31	0.0107	10.8	0.0407	0.0114	0.000151	0.00245	0.00202	1.24	0.00000711	0.00432	0.00172	0.00341	0.000998
2094 Jun	847	0.0884	0.0842	0.0363	5.95	0.267	575	0.0219	0.0011	0.00000904	0.0134	0.0285	0.516	0.0364	0.000015	163	0.0000867	0.0116	0.000828	0.00616	0.0423	0.0000371	26.8	43	0.306	0.0103	11.3	0.0377	0.0134	0.000194	0.00232	0.002	1.18	0.00000714	0.00403	0.00167	0.00334	0.00103
2094 Jul	884	0.0818	0.081	0.0347	5.02	0.3	603	0.0209	0.00102	0.00000928	0.0143	0.0285	0.573	0.0381	0.0000154	167	0.0000956	0.013	0.000876	0.00691	0.0389	0.0000412	28.3	47.2	0.319	0.011	10.6	0.0429	0.0108	0.000166	0.00255	0.00206	1.29	0.00000715	0.00452	0.0018	0.00351	0.000985
2094 Aug	921	0.0835	0.0839	0.0362	4.76	0.313	629	0.0218	0.00103	0.00000956	0.0148	0.0297	0.598	0.039	0.000016	173	0.0000999	0.0136	0.000903	0.0072	0.0382	0.0000428	29.5	49.3	0.332	0.0115	10.9	0.0448	0.00986	0.000156	0.00266	0.00215	1.34	0.00000742	0.00473	0.00186	0.00363	0.00103
2094 Sep	923	0.0825	0.0832	0.036	4.51	0.316	631	0.0217	0.00102	0.00000954	0.0148	0.0297	0.603	0.0388	0.0000159	173	0.0001	0.0137	0.000901	0.00725	0.037	0.000043	29.6	49.6	0.332	0.0115	10.8	0.0452	0.00921	0.000146	0.00268	0.00215	1.35	0.00000774	0.00477	0.00186	0.00363	0.00102
2094 Oct	911	0.0827	0.0823	0.0358	4.4	0.31	623	0.0216	0.00101	0.00000942	0.0146	0.0294	0.593	0.0379	0.0000158	171	0.0000986	0.0134	0.000881	0.00712	0.0358	0.0000423	29.2	48.7	0.326	0.0114	10.7	0.0444	0.00921	0.000133	0.00263	0.00212	1.32	0.00000732	0.00469	0.00182	0.00356	0.00102
2094 Nov	893	0.0847	0.082	0.0359	4.54	0.3	610	0.0216	0.00103	0.00000929	0.0143	0.0291	0.573	0.0369	0.0000155	168	0.0000953	0.0129	0.000855	0.00686	0.0356	0.0000409	28.6	47.2	0.318	0.0111	10.7	0.0426	0.00998	0.000127	0.00254	0.00209	1.28	0.00000726	0.00452	0.00175	0.00348	0.00102
2094 Dec	891	0.0854	0.0822	0.036	4.58	0.298	609	0.0217	0.00104	0.00000928	0.0143	0.0291	0.57	0.0367	0.0000155	168	0.0000948	0.0128	0.000851	0.00682	0.0357	0.0000407	28.5	46.9	0.317	0.0111	10.8	0.0423	0.0102	0.000126	0.00253	0.00208	1.28	0.00000726	0.00449	0.00174	0.00347	0.00102
2095 Jan	892	0.0857	0.0825	0.0362	4.6	0.297	610	0.0218	0.00104	0.00000929	0.0142	0.0292	0.569	0.0367	0.0000155	169	0.0000947	0.0128	0.000851	0.00681	0.0358	0.0000406	28.5	46.9	0.318	0.0111	10.8	0.0422	0.0102	0.000126	0.00253	0.00209	1.28	0.00000728	0.00448	0.00174	0.00347	0.00103
2095 Feb	894	0.0862	0.083	0.0364	4.61	0.297	611	0.0219	0.00105	0.0000093	0.0142	0.0293	0.569	0.0367	0.0000156	169	0.0000946	0.0128	0.000851	0.0068	0.0359	0.0000406	28.5	46.9	0.318	0.0111	10.9	0.0422	0.0102	0.000127	0.00253	0.00209	1.28	0.00000731	0.00448	0.00174	0.00347	0.00103
2095 Mar	897	0.0868	0.0836	0.0367	4.63	0.297	613	0.0221	0.00105	0.00000932	0.0142	0.0295	0.569	0.0367	0.0000156	170	0.0000945	0.0128	0.000852	0.00679	0.036	0.0000405	28.6	46.9	0.319	0.0111	11	0.0421	0.0102	0.000127	0.00253	0.0021	1.28	0.00000734	0.00447	0.00174	0.00347	0.00104
2095 Apr	902	0.0876	0.0844	0.0371	4.65	0.297	616	0.0224	0.00106	0.00000936	0.0143	0.0297	0.57	0.0367	0.0000157	171	0.0000946	0.0128	0.000854	0.00679	0.0361	0.0000406	28.7	47	0.32	0.0112	11.1	0.0421	0.0102	0.000127	0.00253	0.00211	1.28	0.00000739	0.00448	0.00174	0.00348	0.00105
2095 May	909	0.092	0.0882	0.039	5.01	0.288	620	0.0235	0.00112	0.00000943	0.014	0.0306	0.558	0.0365	0.0000158	174	0.0000923	0.0125	0.000851	0.00659	0.0378	0.0000395	28.8	46.2	0.322	0.0112	11.7	0.0407	0.0108	0.000141	0.00249	0.00215	1.26	0.00000757	0.00435	0.00172	0.00347	0.00111
2095 Jun	918	0.0988	0.0939	0.0419	5.62	0.274	625	0.0252	0.00122	0.00000954	0.0137	0.0319	0.538	0.0363	0.0000161	178	0.0000888	0.0119	0.000846	0.00627	0.0409	0.0000379	28.8	44.9	0.325	0.0111	12.6	0.0384	0.012	0.000166	0.00241	0.00219	1.23	0.00000784	0.00415	0.00168	0.00346	0.00119
2095 Jul	919	0.0871	0.0852	0.0375	4.76	0.303	628	0.0226	0.00107	0.00000951	0.0145	0.0302	0.583	0.0379	0.0000159	174	0.0000969	0.0131	0.000882	0.00696	0.0377	0.0000415	29.3	48.1	0.329	0.0114	11.2	0.0432	0.01	0.000147	0.0026	0.00215	1.31	0.0000075	0.00459	0.0018	0.00357	0.00107
2095 Aug	908	0.0798	0.0797	0.0349	4.18	0.314	622	0.021	0.00098	0.00000937	0.0147	0.029	0.599	0.0381	0.0000157	170	0.0000997	0.0136	0.000886	0.00722	0.0352	0.0000428	29.2	49.2	0.326	0.0114	10.4	0.0451	0.00862	0.000132	0.00265	0.00211	1.34	0.00000723	0.00475	0.00183	0.00357	0.000991
2095 Sep	929	0.0829	0.0833	0.0369	4.08	0.314	636	0.0222	0.00102	0.00000949	0.0147	0.0301	0.602	0.0378	0.000016	174	0.0000996	0.0136	0.000887	0.00719	0.0347	0.0000427	29.8	49.4	0.331	0.0116	10.8	0.0449	0.00806	0.000124	0.00267	0.00217	1.34	0.00000745	0.00475	0.00182	0.00359	0.00105
2095 Oct	956	0.0878	0.0886	0.0396	4.06	0.313	655	0.0238	0.00108	0.00000968	0.0147	0.0316	0.604	0.0376	0.0000164	181	0.0000993	0.0136	0.000891	0.00714	0.0347	0.0000425	30.5	49.8	0.339	0.0119	11.5	0.0445	0.0076	0.000119	0.0268	0.00228	1.35	0.00000777	0.00474	0.00182	0.00363	0.00113
2095 Nov	968	0.0917	0.092	0.0414	4.12	0.308	663	0.0249	0.00113	0.00000976	0.0146	0.0325	0.599	0.0372	0.0000166	184	0.000098	0.0134	0.000885	0.00702	0.0348	0.0000418	30.7	49.4	0.341	0.0119	12	0.0437	0.00764	0.000116	0.00266	0.00229	1.34	0.00000795	0.00467	0.00179	0.00362	0.00118
2095 Dec	966	0.0924	0.0922	0.0416	4.17	0.306	662	0.025	0.00113	0.00000975	0.0145	0.0326	0.596	0.037	0.0000166	184	0.0000974	0.0133	0.000882	0.00697	0.0349	0.0000416	30.7	49.1	0.34	0.0119	12	0.0434	0.00784	0.000116	0.00265	0.00229	1.34	0.00000796	0.00465	0.00178	0.00361	0.00118
2096 Jan	968	0.0929	0.0926	0.0418	4.19	0.306	663	0.0252	0.00114	0.00000977	0.0145	0.0327	0.595	0.037	0.0000166	185	0.0000973	0.0133	0.000881	0.00696	0.035	0.0000416	30.7	49.1	0.34	0.0119	12.1	0.0433	0.00786	0.000116	0.00265	0.00229	1.34	0.00000798	0.00464	0.00178	0.00361	0.00119
2096 Feb	969	0.0932	0.0929	0.042	4.21	0.305	664	0.0252	0.00114	0.00000978	0.0145	0.0328	0.595	0.037	0.0000167	185	0.0000973	0.0133	0.000882	0.00696	0.035	0.0000415	30.7	49.1	0.341	0.0119	12.1	0.0432	0.00788	0.000116	0.00265	0.00229	1.34	0.00000799	0.00464	0.00178	0.00361	0.00119
2096 Mar	971	0.0937	0.0934	0.0422	4.22	0.305	665	0.0254	0.00115	0.00000979	0.0145	0.0329	0.595	0.037	0.0000167	185	0.0000972	0.0133	0.000882	0.00695	0.0351	0.0000415	30.8	49.1	0.341	0.0119	12.2	0.0432	0.00788	0.000116	0.00265	0.0023	1.34	0.00000802	0.00463	0.00178	0.00362	0.0012
2096 Apr	975	0.0944	0.094	0.0425	4.24	0.305	668	0.0256	0.00116	0.00000982	0.0145	0.0331	0.596	0.0371	0.0000168	186	0.0000973	0.0133	0.000884	0.00695	0.0352	0.0000415	30.9	49.2	0.343	0.012	12.3	0.0432	0.00789	0.000116	0.00265	0.00231	1.34	0.00000806	0.00464	0.00178	0.00362	0.00121
2096 May	980	0.0971	0.0963	0.0436	4.49	0.301	671	0.0262	0.00119	0.00000989	0.0144	0.0336	0.59	0.0371	0.0000169	188	0.0000962	0.0131	0.000885	0.00685	0.0365	0.000041	31	48.8	0.344	0.012	12.7	0.0425	0.00838	0.000126	0.00263	0.00233	1.33	0.00000817	0.00458	0.00177	0.00363	0.00124
2096 Jun	854	0.0894	0.087	0.0392	5.08	0.253	581	0.0237	0.00118	0.00000908	0.013	0.0298	0.498	0.0336	0.0000152	166	0.0000832	0.011	0.00078	0.0058	0.0387	0.0000355	26.8	41.5	0.301	0.0103	11.8	0.0354	0.0126	0.000149	0.00225	0.00204	1.13	0.00000739	0.00384	0.00157	0.00332	0.00111
2096 Jul	879	0.0857	0.0852	0.0384	4.5	0.274	600	0.0232	0.00113	0.00000922	0.0136	0.0299	0.534	0.0347	0.0000155	169	0.0000889	0.0119	0.000811	0.00627	0.0366	0.0000379	27.8	44.2	0.311	0.0107	11.4	0.0387	0.0109	0.000133	0.00239	0.00208	1.2	0.00000741	0.00415	0.00165	0.00343	0.00109
2096 Aug	910	0.0861	0.0865	0.0391	4.27	0.288	622	0.0235	0.00112	0.00000945	0.014	0.0306	0.56	0.0357	0.0000159	174	0.000093	0.0125	0.00084	0.00658	0.036	0.0000397	28.9	46.3	0.321	0.0112	11.4	0.0408	0.00989	0.000127	0.00251	0.00215	1.26	0.00000758	0.00437	0.00172	0.00353	0.00111
2096 Sep	892	0.0812	0.0813	0.0366	3.99	0.294	610	0.022	0.00105	0.00000927	0.0141	0.0293	0.567	0.0358	0.0000155	169	0.0000943	0.0128	0.000838	0.00674	0.0344	0.0000403	28.5	46.6	0.316	0.0111	10.7	0.0419	0.00933	0.000117	0.00252	0.00209	1.27	0.0000073	0.00445	0.00173	0.0035	0.00104
2096 Oct	881	0.0836	0.0813	0.0368	4.06	0.287	602	0.0221	0.00106	0.00000917	0.0139	0.0292	0.553	0.0349	0.0000154	167	0.0000918	0.0124	0.000818	0.00655	0.0338	0.0000393	28	45.5	0.311	0.0109	10.8	0.0406	0.00974	0.000108	0.00246	0.00207	1.24	0.00000727	0.00433	0.00167	0.00342	0.00104
2096 Nov	883	0.0848	0.0822	0.0372	4.1	0.285	604	0.0224	0.00107	0.00000918	0.0138	0.0295	0.55	0.0348	0.0000154	168	0.0000913	0.0123	0.000815	0.0065	0.0339	0.0000391	28.1	45.4	0.311	0.0109	10.9	0.0403	0.00984	0.000107	0.00245	0.00208	1.23	0.00000731	0.0043	0.00167	0.00342	0.00106
2096 Dec	885	0.0854	0.0827	0.0375	4.12	0.285	605	0.0226	0.00108	0.0000092	0.0138	0.0296	0.55	0.0348	0.0000154	168	0.0000912	0.0123	0.000815	0.00649	0.034	0.000039	28.1	45.3	0.312	0.0109	11	0.0402	0.00986	0.000107	0.00245	0.00209	1.23	0.00000734	0.0043	0.00166	0.00342	0.00106
2097 Jan	886	0.0858	0.083	0.0377	4.13	0.284	606	0.0227	0.00108	0.00000921	0.0138	0.0297	0.55	0.0347	0.0000155	169	0.0000911	0.0123	0.000815	0.00648	0.034	0.000039	28.1	45.3	0.312	0.0109	11	0.0402	0.00987	0.000107	0.00245	0.00209

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00000487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
Active Closure (2037-2043): Min	35.5	0.0142	0.00597	0.000947	6.7	0.0206	2.44	0.000947	0.000947	0.00000473	0.00605	0.000965	0.00857	0.0124	0.00000473	10.4	0.0000122	0.000152	0.000112	0.000668	0.043	0.00000947	0.884	1.28	0.0126	0.000143	2.8	0.000953	0.0435	0.000081	0.0000888	0.000043	0.0524	0.00000189	0.0000497	0.000244	0.00142	4.59E-11
Active Closure (2037-2043): Mean	59.1	0.0539	0.0227	0.00118	13.4	0.0284	4.91	0.00103	0.00103	0.00000517	0.00741	0.00459	0.0106	0.023	0.00000517	19.3	0.0000194	0.000292	0.000287	0.000943	0.0681	0.0000104	1.38	2.52	0.0446	0.000262	5.04	0.00133	0.053	0.000357	0.000176	0.0000727	0.1	0.00000208	0.0000723	0.000666	0.00177	0.000000228
Active Closure (2037-2043): Max	93.5	0.102	0.0817	0.00197	22.1	0.0382	7.7	0.00115	0.00115	0.00000578	0.00845	0.0227	0.0139	0.0419	0.00000578	34	0.0000234	0.000465	0.000624	0.00134	0.117	0.0000116	2.18	4.62	0.104	0.000462	7.92	0.00191	0.0647	0.000891	0.000238	0.00013	0.18	0.00000232	0.0000988	0.00127	0.00204	0.00000148
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	45.4	0.0281	0.00898	0.000938	8.91	0.0226	3.12	0.000938	0.000938	0.00000469	0.00662	0.00104	0.00887	0.0164	0.00000469	13.9	0.0000186	0.000233	0.000182	0.000742	0.0528	0.00000938	1.09	1.74	0.0281	0.000165	3.47	0.0011	0.0474	0.000214	0.000167	0.0000556	0.0706	0.00000188	0.0000575	0.000548	0.00165	3.14E-16
Post Closure (2044-2099): Mean	66	0.0554	0.0143	0.00108	14.7	0.0273	5.15	0.00108	0.00108	0.00000542	0.00775	0.00143	0.0105	0.0271	0.00000542	22.5	0.0000214	0.000327	0.000361	0.00102	0.0792	0.0000108	1.55	2.95	0.0579	0.000249	5.35	0.00144	0.0563	0.000476	0.000202	0.0000856	0.117	0.00000217	0.0000719	0.000823	0.00193	4.07E-12
Post Closure (2044-2099): Max	84.6	0.0807	0.0188	0.00128	19.6	0.0334	6.88	0.00128	0.00128	0.0000064	0.00901	0.0018	0.0121	0.0362	0.0000064	29.8	0.0000263	0.000412	0.000507	0.00129	0.102	0.0000128	1.98	3.95	0.0822	0.000338	6.97	0.00178	0.0679	0.000687	0.000264	0.000111	0.156	0.00000256	0.0000895	0.00109	0.00237	4.8E-11
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	61.2	0.0696	0.0948	0.00349	16.1	0.0293	5.48	0.000962	0.000962	0.00000487	0.00705	0.0249	0.0115	0.0204	0.00000487	17.4	0.0000185	0.000274	0.000243	0.000862	0.0602	0.00000962	1.37	2.28	0.0411	0.000268	7.21	0.00125	0.0498	0.000285	0.000156	0.0000638	0.114	0.00000353	0.0000821	0.000574	0.00165	0.0000246
2026 Feb	D	0.0696	0.0948	0.00349	16.1	0.0293	5.49	0.000962	0.000962	0.00000487	0.00705	0.0249	0.0115	0.0204	0.00000487	17.4	0.0000185	0.000275	0.000243	0.000863	0.0602	0.00000962	1.37	2.28	0.0412	0.000268	7.21	0.00125	0.0498	0.000286	0.000156	0.0000638	0.114	0.00000353	0.0000821	0.000574	0.00165	0.0000246
2026 Mar	61.3	0.0696	0.0948	0.00349	16.1	0.0293	5.49	0.000962	0.000962	0.00000487	0.00705	0.0254	0.0116	0.0204	0.00000487	17.4	0.0000186	0.000275	0.000243	0.000863	0.0603	0.00000962	1.37	2.28	0.0412	0.000268	7.21	0.00125	0.0498	0.000286	0.000156	0.0000639	0.114	0.00000354	0.0000822	0.000574	0.00165	0.0000246
2026 Apr	61.5	0.0698	0.0951	0.0035	16.1	0.0294	5.51	0.000965	0.000965	0.00000489	0.00707	0.0276	0.0116	0.0205	0.00000489	17.5	0.0000186	0.000276	0.000244	0.000866	0.0604	0.00000965	1.37	2.29	0.0413	0.000269	7.24	0.00125	0.05	0.000287	0.000157	0.0000641	0.114	0.00000355	0.0000824	0.000576	0.00166	0.0000247
2026 May	62.2	0.0707	0.0962	0.00354	16.3	0.0297	5.57	0.000977	0.000977	0.00000494	0.00715	0.0284	0.0117	0.0207	0.00000494	17.7	0.0000188	0.000279	0.000247	0.000876	0.0612	0.00000977	1.39	2.32	0.0419	0.000272	7.32	0.00127	0.0506	0.00029	0.000159	0.0000648	0.116	0.00000359	0.0000834	0.000583	0.00167	0.000025
2026 Jun	70.3	0.0787	0.16	0.00408	19.7	0.031	8.33	0.000965	0.000965	0.00000493	0.00719	0.0252	0.0161	0.02	0.00000495	17.5	0.0000197	0.000385	0.000239	0.000907	0.059	0.00001	1.49	2.57	0.0409	0.000321	8.84	0.00165	0.0495	0.000275	0.000184	0.0000716	0.117	0.0000033	0.000119	0.000588	0.00171	0.0000206
2026 Jul	74.8	0.0837	0.181	0.00437	21.2	0.0325	9.28	0.000998	0.000998	0.00000511	0.00746	0.0258	0.0177	0.0206	0.00000514	18.2	0.0000206	0.000424	0.000247	0.000948	0.0607	0.0000105	1.56	2.73	0.0423	0.000344	9.52	0.00179	0.051	0.000282	0.000196	0.0000759	0.122	0.00000337	0.000132	0.00061	0.00178	0.0000205
2026 Aug	76.2	0.0852	0.183	0.00444	21.6	0.0333	9.45	0.00102	0.00102	0.00000522	0.00761	0.0266	0.018	0.021	0.00000526	18.5	0.0000221	0.000432	0.000251	0.000969	0.0619	0.0000107	1.6	2.78	0.043	0.000352	9.7	0.00183	0.0522	0.000287	0.0002	0.0000774	0.124	0.00000343	0.000135	0.00062	0.00182	0.0000208
2026 Sep	77.3	0.0865	0.186	0.00451	21.9	0.0338	9.58	0.00104	0.00104	0.0000053	0.00773	0.0274	0.0183	0.0214	0.00000534	18.8	0.0000213	0.000438	0.000255	0.000984	0.0629	0.0000108	1.62	2.82	0.0436	0.000357	9.84	0.00186	0.053	0.000291	0.000202	0.0000785	0.126	0.00000349	0.000137	0.000629	0.00185	0.0000211
2026 Oct	76.5	0.0861	0.183	0.00444	21.7	0.0337	9.46	0.00103	0.00103	0.00000526	0.00768	0.0271	0.0181	0.0212	0.00000529	18.6	0.0000211	0.000432	0.000252	0.000976	0.0622	0.0000108	1.6	2.79	0.0429	0.000357	9.7	0.00183	0.0526	0.000286	0.000199	0.0000775	0.124	0.00000344	0.000135	0.000619	0.00182	0.0000207
2026 Nov	76.6	0.0864	0.183	0.00444	21.7	0.0338	9.48	0.00103	0.00103	0.00000527	0.0077	0.0272	0.0181	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000252	0.000979	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2026 Dec	76.7	0.0865	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000252	0.00098	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2027 Jan	76.7	0.0865	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000252	0.00098	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2027 Feb	76.7	0.0865	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000253	0.00098	0.0624	0.0000108	1.61	2.8	0.043	0.000359	9.72	0.00184	0.0528	0.000286	0.000199	0.0000777	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2027 Mar	76.7	0.0866	0.183	0.00444	21.7	0.0339	9.49	0.00103	0.00103	0.00000528	0.00771	0.0272	0.0182	0.0212	0.00000531	18.7	0.0000211	0.000433	0.000253	0.000981	0.0625	0.0000108	1.61	2.8	0.043	0.000359	9.73	0.00184	0.0529	0.000286	0.000199	0.0000778	0.125	0.00000345	0.000135	0.00062	0.00183	0.0000207
2027 Apr	77.1	0.087	0.184	0.00446	21.8	0.034	9.54	0.00104	0.00104	0.00000531	0.00775	0.0273	0.0182	0.0214	0.00000534	18.8	0.0000212	0.000435	0.000254	0.000986	0.0628	0.0000109	1.62	2.82	0.0433	0.000361	9.78	0.00185	0.0531	0.000288	0.0002	0.0000781	0.125	0.00000347	0.000136	0.000624	0.00184	0.0000208
2027 May	78.3	0.0883	0.186	0.00453	22.2	0.0346	9.68	0.00105	0.00105	0.00000539	0.00787	0.0286	0.0185	0.0217	0.00000542	19.1	0.0000216	0.000442	0.000258	0.001	0.0638	0.0000111	1.64	2.86	0.0439	0.000367	9.93	0.00187	0.0539	0.000292	0.000203	0.0000793	0.127	0.00000352	0.000138	0.000634	0.00187	0.0000211
2027 Jun	125	0.151	0.549	0.00867	42.6	0.0429	21.4	0.00101	0.00101	0.00000535	0.00798	0.0272	0.0362	0.0211	0.00000549	20.3	0.0000242	0.00087	0.000259	0.00118	0.0599	0.000012	2.17	4.11	0.047	0.0006	21.2	0.0034	0.0512	0.000267	0.000281	0.00011	0.155	0.0000033	0.000288	0.000659	0.00192	0.0000176
2027 Jul	160	0.198	0.8	0.0116	57.2	0.0499	29.6	0.00102	0.00102	0.00000553	0.00834	0.0265	0.0487	0.0216	0.00000574	22	0.0000267	0.00117	0.000272	0.00135	0.0599	0.0000113	2.59	5.07	0.0509	0.000773	29.1	0.00449	0.0514	0.000263	0.00034	0.000133	0.179	0.0000033	0.000395	0.0007	0.00201	0.0000164
2027 Aug	166	0.206	0.834	0.0121	59.7	0.0521	30.9	0.00106	0.00106	0.00000577	0.00871	0.0281	0.0508	0.0225	0.00000599	23	0.0000279	0.00122	0.000284	0.00141	0.0626	0.0000136	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.0537	0.000275	0.000354	0.000139	0.187	0.0000034	0.000412	0.00073	0.0021	0.0000171
2027 Sep	165	0.205	0.827	0.012	59.2	0.052	30.6	0.00106	0.00106	0.00000576	0.0087	0.0282	0.0504	0.0225	0.00000597	22.9	0.0000277	0.00121	0.000282	0.0014	0.0624	0.0000136	2.69	5.26	0.0527	0.000804	30.1	0.00465	0.0536	0.000272	0.000351	0.000138	0.186	0.0000034	0.000409	0.000724	0.00209	0.0000169
2027 Oct	163	0.203	0.814	0.0119	58.4	0.0516	30.2	0.00106	0.00106	0.00000571	0.00863	0.028	0.0498	0.0223	0.00000592	22.7	0.0000274	0.0012	0.000279	0.00139	0.0618	0.0000134	2.66	5.19	0.052	0.000797	29.7	0.00459	0.0533	0.000269	0.000346	0.000136	0.184	0.0000033	0.000403	0.000715	0.00207	0.0000167
2027 Nov	163	0.203	0.812	0.0118	58.3	0.0515	30.2	0.00105	0.00105	0.00000571	0.00863	0.028	0.0497	0.0222	0.00000592	22.6	0.0000274	0.00119	0.000278	0.00139	0.0617	0.0000134	2.66	5.18	0.0519	0.000796	29.7	0.00458	0.0533	0.000268	0.000345	0.000136	0.184	0.0000033	0.000402	0.000714	0.00206	0.0000166
2027 Dec	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0222	0.00000592	22.6	0.0000274	0.00119	0.000278	0.00139	0.0617	0.0000134	2.65	5.18	0.0518	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.183	0.0000033	0.000402	0.000713	0.00206	0.0000166
2028 Jan	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0222	0.00000592	22.6	0.0000274	0.00119	0.000278	0.00139	0.0617	0.0000134	2.65	5.18	0.0518	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.183	0.0000033	0.000402	0.000713	0.00206	0.0000166
2028 Feb	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0223	0.00000592	22.6	0.0000274	0.00119	0.000279	0.00139	0.0618	0.0000134	2.65	5.18	0.0519	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.183	0.0000033	0.000402	0.000714	0.00206	0.0000166
2028 Mar	163	0.202	0.811	0.0118	58.3	0.0515	30.1	0.00105	0.00105	0.00000571	0.00863	0.0279	0.0496	0.0223	0.00000592	22.6	0.0000274	0.00119	0.000279	0.00139	0.0618	0.0000134	2.65	5.18	0.0519	0.000795	29.6	0.00458	0.0533	0.000268	0.000345	0.000136	0.184	0.0000033	0.000402	0.000714	0.00206	0.0000166
2028 Apr	163	0.203	0.813	0.0119	58.4	0.0517	30.2	0.00106	0.00106	0.00000572	0.00865	0.028	0.0497	0.0223	0.00000594	22.7	0.0000275	0.0012	0.00028	0.00139	0.062	0.0000135	2.66	5.2	0.0521	0.000797	29.7	0.00459	0.0534	0.000269	0.000346	0.000136	0.184	0.0000033	0.000403	0.000716	0.00207	0.0000166
2028 May	165	0.205	0.822	0.012	59.1	0.0522	30.5	0.00107	0.00107	0.00000579	0.00875	0.0288	0.0503	0.0226	0.000006	23	0.0000278	0.00121	0.000283	0.00141	0.0627	0.0000136	2.69	5.25	0.0527	0.000806	30	0.00464	0.054	0.000272	0.00035	0.000138	0.186	0.0000033	0.000407	0.000724	0.00209	0.0000168
2028 Jun	152	0.185	0.74	0.0109	53.6	0.0487	27.6	0.00105	0.00105	0.00000563	0.0085	0.0288	0.0461	0.0213	0.00000582	21.5	0.0000269	0.00111	0.000263	0.00132	0.0599	0.0000131	2.49	4.83	0.0486	0.000734	27.2	0.00426	0.0524	0.000253	0.000334	0.000128	0.171	0.0000326	0.000371	0.000694	0.00206	0.0000151
2028 Jul	148	0.179	0.714	0.0105	52	0.0481	26.8	0.00106	0.00106	0.00000571	0.00861	0.0283	0.045	0.0211	0.00000589	21.3	0.0000271	0.00108	0.000259	0.0013	0.0601	0.0000132	2.45	4.72	0.0477	0.000713	26.4	0.00416	0.0531	0.00025	0.000335	0.000126	0.168	0.0000325	0.00036	0.000696	0.0021	0.0000146
2028 Aug	159	0.193	0.767	0.0113	55.9	0.0517	28.7	0.00114	0.00114	0.00000614	0.00925	0.0311	0.0483	0.0227	0.00000634	22.8	0.0000292	0.00116	0.000278	0.0014	0.0646	0.0000142	2.64	5.07	0.0513	0.000766	28.3	0.00447	0.057	0.000269	0.00036	0.000135	0.181	0.0000349	0.000387	0.000748	0.00226	0.0000157
2028 Sep	161	0.195	0.775	0.0114	56.5	0.0525	29.1	0.00116	0.00116	0.00000623	0.0094	0.032	0.0489	0.023	0.00000643	23.2	0.0000295	0.00117	0.000282	0.00142	0.0655	0.0000144	2.67	5.13	0.0519	0.000778	28.7	0.00452	0.058	0.000271	0.000363	0.000137	0.183	0.0000354	0.000391	0.000757	0.00229	0.0000158
2028 Oct	147	0.182	0.692	0.0103	51.3	0.0498	26.3	0.0011	0.0011	0.00000589	0.00895	0.029	0.0444	0.0217	0.00000607	21.7	0.0000274	0.00106	0.00026	0.00133	0.0616	0.0000135	2.46	4.7	0.0469	0.000733	25.9	0.0041	0.0555	0.000244	0.000326	0.000125	0.168	0.0000033	0.000355	0.000688	0.00211	0.0000141
2028 Nov	147	0.182	0.687	0.0102	51.1	0.0499	26.2	0.00111	0.00111	0.0000059	0.00897	0.0288	0.0442	0.0217	0.00000608	21.7	0.0000273	0.00105	0.00026	0.00134	0.0616	0.0000135	2.45	4.69	0.0467	0.000733	25.7	0.00409	0.0557	0.000242	0.000324	0.000124	0.168	0.0000329	0.000354	0.000686	0.00211	0.000014
2028 Dec	147	0.182	0.687	0.0102	51.1	0.05	26.2	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0217	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134	0.0617	0.0000135	2.45	4.69	0.0467	0.000734	25.7	0.00408	0.0558	0.000242	0.000324	0.000124	0.168	0.0000329	0.000353	0.000686	0.00211	0.000014
2029 Jan	147	0.182	0.687	0.0102	51.1	0.0499	26.1	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0217	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134	0.0617	0.0000135	2.45	4.69	0.0467	0.000734	25.7	0.00408	0.0558	0.000242	0.000323	0.000124	0.168	0.0000329	0.000353	0.000686	0.00211	0.000014
2029 Feb	147	0.182	0.686	0.0102	51.1	0.0499	26.1	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0218	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134	0.0617	0.0000135	2.45	4.69	0.0468	0.000733	25.7	0.00408	0.0558	0.000242	0.000323	0.000124	0.168	0.0000329	0.000353	0.000686	0.00211	0.000014
2029 Mar	147	0.182	0.686	0.0102	51.1	0.0499	26.1	0.00111	0.00111	0.0000059	0.00898	0.0288	0.0442	0.0218	0.00000608	21.8	0.0000273	0.00105	0.00026	0.00134	0.0618	0.0000135	2.45	4.69	0.0468	0.000733	25.7	0.00408	0.0558	0.000243	0.000324	0.000124	0.168	0.0000329	0.000353	0.000687	0.00211	0.000014
2029 Apr	147	0.182	0.687	0.0102	51.2	0.05	26.2	0.00111	0.00111	0.00000591	0.00899	0.0288	0.0443	0.0218	0.00000609	21.8	0.0000274	0.00105	0.00026	0.00134	0.0619	0.0000135	2.46	4.7	0.0469	0.000734	25.8	0.00409	0.0559	0.000243	0.000324	0.000124	0.168	0.0000033	0.000354	0.000688	0.00211	0.000014
2029 May	148	0.184	0.695	0.0103	51.7	0.0505	26.5	0.00112	0.00112	0.00000598	0.00909	0.0293	0.0447	0.0221	0.00000616	22.1	0.0000277	0.00106	0.00026	0.00135	0.0626	0.0000137	2.48	4.75	0.0474	0.000742	26	0.00413	0.0565	0.000246	0.000327	0.000126	0.17	0.0000033	0.000357	0.000695	0.00214	0.0000142
2029 Jun	141	0.172	0.645	0.00967	48.5	0.0487	24.7	0.00113	0.00113	0.00000599	0.00909	0.0328	0.0424	0.0215	0.00000616	21.3	0.0000277	0.00101	0.000254	0.00131	0.0618	0.0000136	2.38	4.51	0.0454	0.000698	24.4	0.00392	0.0564	0.000237	0.000324	0.00012	0.162	0.0000327	0.000336	0.00069	0.00217	0.0000132
2029 Jul	108	0.123	0.456	0.00704	35.5	0.0391	17.9	0.00103	0.00103	0.00000541	0.00817	0.0239	0.0322	0.0178	0.00000553	17.4	0.0000248	0.000755	0.000203	0.00107	0.0534	0.0000119	1.89	3.45	0.0355	0.000515	17.8	0.003	0.0505	0.000192	0.000283	0.000095	0.126	0.00000278	0.000249	0.000604	0.00203	0.00000925
2029 Aug	112	0.128	0.472	0.0073	36.9	0.0407	18.5	0.00108	0.00108	0.00000563	0.00849	0.0253	0.0334	0.0185	0.00000575	18	0.0000257	0.000783	0.00021	0.00111	0.0555	0.0000124	1.96	3.59	0.0369	0.000535	18.4	0.00311	0.0525	0.000199	0.000293	0.0000987	0.13	0.00000289	0.000258	0.000626	0.0021	0.0000959
2029 Sep	114	0.13	0.479	0.00741	37.5	0.0415	18.8	0.00109	0.00109	0.00000573	0.00864	0.0262	0.034	0.0188	0.00000585	18.4	0.0000261	0.000795	0.000214	0.00113	0.0565	0.0000126	1.99	3.64	0.0374	0.000545	18.7	0.

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00004487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2032 Jun	86.3	0.0914	0.262	0.0045	25.4	0.0356	12	0.00111	0.00111	0.00000569	0.00854	0.029	0.0235	0.0194	0.00000575	17.8	0.0000247	0.000554	0.000221	0.00102	0.0594	0.00000912	1.67	2.96	0.0361	0.000407	12	0.00229	0.0546	0.00023	0.000256	0.0000838	0.112	0.00000262	0.000173	0.00064	0.0021	0.00000523
2032 Jul	72.6	0.0729	0.206	0.00367	20.7	0.0307	9.67	0.00101	0.00101	0.00000515	0.00772	0.0233	0.0198	0.0168	0.0000052	15.3	0.0000224	0.000461	0.000187	0.000884	0.0523	0.0000108	1.43	2.48	0.0304	0.000333	9.76	0.00193	0.049	0.000194	0.000232	0.0000716	0.0941	0.00000233	0.000142	0.00057	0.00194	0.00000409
2032 Aug	73.6	0.0739	0.208	0.0037	21	0.0314	9.78	0.00103	0.00103	0.00000525	0.00784	0.024	0.0201	0.0171	0.0000053	15.6	0.0000226	0.000467	0.000189	0.0009	0.0531	0.0000111	1.45	2.51	0.0307	0.00034	9.87	0.00196	0.0499	0.000196	0.000234	0.0000728	0.0955	0.00000237	0.000144	0.000574	0.00197	0.00000412
2032 Sep	74.8	0.0752	0.21	0.00376	21.3	0.0321	9.93	0.00105	0.00105	0.00000535	0.00798	0.0248	0.0204	0.0174	0.0000054	15.9	0.00023	0.000474	0.000192	0.000917	0.0541	0.0000112	1.48	2.56	0.0311	0.000348	10	0.00199	0.0508	0.000198	0.000237	0.000074	0.0972	0.00000242	0.000146	0.000582	0.002	0.00000417
2032 Oct	75.3	0.0758	0.212	0.00378	21.4	0.0324	10	0.00106	0.00106	0.00000539	0.00804	0.0252	0.0205	0.0175	0.00000544	16	0.0000231	0.000477	0.000194	0.000924	0.0545	0.0000113	1.49	2.57	0.0313	0.000351	10.1	0.002	0.0512	0.0002	0.000238	0.0000745	0.0979	0.00000243	0.000147	0.000586	0.00201	0.0000042
2032 Nov	75.2	0.0761	0.21	0.00376	21.4	0.0325	9.97	0.00106	0.00106	0.00000539	0.00805	0.025	0.0205	0.0175	0.00000544	16	0.0000231	0.000475	0.000193	0.000925	0.0544	0.0000113	1.48	2.57	0.0312	0.000352	10.1	0.002	0.0513	0.000199	0.000237	0.0000743	0.0978	0.00000243	0.000147	0.000584	0.00201	0.00000417
2032 Dec	74.6	0.0762	0.207	0.00372	21.2	0.0325	9.88	0.00105	0.00105	0.00000536	0.00802	0.0247	0.0203	0.0175	0.00000541	15.9	0.0000229	0.000471	0.000192	0.000921	0.0541	0.0000112	1.47	2.55	0.0309	0.000353	9.96	0.00198	0.0512	0.000196	0.000234	0.0000737	0.0971	0.00000242	0.000146	0.000577	0.00199	0.00000411
2033 Jan	74.6	0.0762	0.207	0.00371	21.2	0.0325	9.88	0.00105	0.00105	0.00000536	0.00802	0.0247	0.0203	0.0175	0.00000541	16	0.0000229	0.00047	0.000192	0.000922	0.0542	0.0000112	1.48	2.55	0.0309	0.000354	9.95	0.00198	0.0512	0.000196	0.000233	0.0000737	0.0972	0.00000242	0.000146	0.000577	0.00199	0.0000041
2033 Feb	74.7	0.0763	0.207	0.00371	21.2	0.0325	9.88	0.00105	0.00105	0.00000536	0.00802	0.0246	0.0203	0.0175	0.00000541	16	0.0000229	0.000471	0.000193	0.000923	0.0543	0.0000112	1.48	2.56	0.0311	0.000354	9.96	0.00198	0.0512	0.000197	0.000233	0.0000737	0.0974	0.00000242	0.000146	0.000579	0.00199	0.0000041
2033 Mar	74.8	0.0764	0.207	0.00372	21.3	0.0325	9.89	0.00105	0.00105	0.00000537	0.00803	0.0247	0.0203	0.0176	0.00000542	16	0.0000229	0.000471	0.000194	0.000924	0.0544	0.0000112	1.48	2.56	0.0312	0.000354	9.97	0.00198	0.0513	0.000197	0.000234	0.0000738	0.0976	0.00000242	0.000146	0.00058	0.00199	0.00000411
2033 Apr	75.3	0.0769	0.208	0.00374	21.4	0.0327	9.96	0.00106	0.00106	0.0000054	0.00808	0.0248	0.0204	0.0177	0.00000545	16.1	0.0000231	0.000474	0.000195	0.000931	0.0548	0.0000113	1.49	2.58	0.0314	0.000356	10	0.002	0.0516	0.000199	0.000235	0.0000743	0.0982	0.00000243	0.000147	0.000584	0.002	0.00000413
2033 May	76.9	0.0772	0.2	0.00362	21.6	0.0323	9.9	0.00107	0.00107	0.00000543	0.00808	0.0262	0.02	0.0193	0.00000548	17.3	0.0000232	0.000478	0.000223	0.000958	0.0588	0.0000113	1.54	2.72	0.0362	0.000351	9.99	0.002	0.0524	0.000244	0.000237	0.0000782	0.104	0.00000243	0.000144	0.00063	0.00201	0.00000394
2033 Jun	71.6	0.0689	0.163	0.00304	19.6	0.0286	8.72	0.000989	0.000989	0.00000503	0.00741	0.023	0.0172	0.0198	0.00000507	17.4	0.0000215	0.000434	0.000244	0.00091	0.0597	0.0000104	1.47	2.67	0.0399	0.000304	8.83	0.00182	0.0493	0.000289	0.000221	0.0000767	0.102	0.00000222	0.000125	0.000648	0.00187	0.00000317
2033 Jul	73.4	0.0704	0.167	0.00312	20	0.0294	8.92	0.00102	0.00102	0.00000518	0.00764	0.0239	0.0177	0.0203	0.00000522	17.9	0.0000222	0.000445	0.00025	0.000935	0.0613	0.0000108	1.51	2.73	0.0409	0.000312	9.04	0.00187	0.0508	0.000296	0.000228	0.0000787	0.105	0.00000229	0.000128	0.000665	0.00193	0.00000323
2033 Aug	77	0.0738	0.175	0.00327	21	0.0309	9.35	0.00107	0.00107	0.00000544	0.00801	0.0256	0.0186	0.0213	0.00000548	18.8	0.0000232	0.000466	0.000262	0.000981	0.0644	0.0000113	1.58	2.87	0.0429	0.000327	9.48	0.00196	0.0533	0.00031	0.000239	0.0000825	0.11	0.0000024	0.000134	0.000698	0.00202	0.00000339
2033 Sep	75.8	0.0735	0.17	0.0032	20.7	0.0307	9.19	0.00106	0.00106	0.00000537	0.00792	0.0254	0.0183	0.021	0.00000541	18.5	0.0000222	0.000457	0.000257	0.00097	0.0634	0.0000111	1.56	2.82	0.042	0.000327	9.3	0.00192	0.0527	0.000303	0.000233	0.0000881	0.108	0.00000237	0.000132	0.000683	0.00199	0.0000033
2033 Oct	70.1	0.0719	0.151	0.00289	19.1	0.0299	8.44	0.00095	0.000995	0.00000505	0.00753	0.0227	0.0168	0.0197	0.00000509	17.3	0.0000211	0.000417	0.000235	0.000918	0.0589	0.0000105	1.45	2.6	0.0377	0.000325	8.49	0.00176	0.0501	0.000269	0.000207	0.0000741	0.1	0.00000222	0.000122	0.000616	0.00182	0.00000292
2033 Nov	69.8	0.0723	0.149	0.00286	19	0.0301	8.39	0.000994	0.000994	0.00000505	0.00753	0.0224	0.0168	0.0196	0.00000508	17.3	0.000021	0.000414	0.000234	0.000918	0.0587	0.0000104	1.44	2.59	0.0373	0.000327	8.43	0.00175	0.0501	0.000265	0.000205	0.0000736	0.0997	0.00000221	0.000121	0.00061	0.00181	0.00000288
2033 Dec	69.8	0.0723	0.149	0.00286	19	0.0301	8.39	0.000995	0.000995	0.00000505	0.00753	0.0224	0.0168	0.0196	0.00000509	17.3	0.000021	0.000414	0.000234	0.000919	0.0587	0.0000104	1.44	2.59	0.0373	0.000328	8.43	0.00175	0.0502	0.000265	0.000205	0.0000736	0.0997	0.00000221	0.000121	0.00061	0.00181	0.00000288
2034 Jan	69.9	0.0723	0.149	0.00286	19	0.0301	8.39	0.000995	0.000995	0.00000505	0.00753	0.0224	0.0168	0.0196	0.00000509	17.3	0.000021	0.000414	0.000234	0.000919	0.0587	0.0000104	1.44	2.59	0.0373	0.000328	8.43	0.00175	0.0502	0.000265	0.000205	0.0000736	0.0998	0.00000221	0.000121	0.00061	0.00181	0.00000288
2034 Feb	69.9	0.0724	0.149	0.00286	19	0.0301	8.39	0.000995	0.000995	0.00000505	0.00753	0.0224	0.0168	0.0196	0.00000509	17.3	0.000021	0.000414	0.000234	0.000919	0.0587	0.0000104	1.44	2.59	0.0373	0.000328	8.43	0.00175	0.0502	0.000265	0.000205	0.0000736	0.0998	0.00000221	0.000121	0.00061	0.00181	0.00000288
2034 Mar	69.9	0.0724	0.149	0.00286	19	0.0301	8.39	0.000995	0.000995	0.00000505	0.00754	0.0224	0.0168	0.0196	0.00000509	17.3	0.000021	0.000414	0.000234	0.000919	0.0588	0.0000105	1.44	2.6	0.0374	0.000328	8.43	0.00175	0.0502	0.000266	0.000205	0.0000736	0.0999	0.00000221	0.000122	0.000611	0.00181	0.00000288
2034 Apr	70.2	0.0727	0.15	0.00288	19.1	0.0303	8.43	0.001	0.001	0.00000507	0.00757	0.0225	0.0168	0.0197	0.00000511	17.4	0.0000211	0.000416	0.000235	0.000924	0.0591	0.0000105	1.45	2.61	0.0375	0.000329	8.47	0.00176	0.0504	0.000267	0.000206	0.000074	0.1	0.00000222	0.000122	0.000614	0.00182	0.00000289
2034 May	71.7	0.0738	0.15	0.00289	19.4	0.0306	8.55	0.00102	0.00102	0.00000516	0.00768	0.0253	0.017	0.0204	0.00000519	17.9	0.0000215	0.000423	0.000246	0.000944	0.0609	0.0000107	1.48	2.68	0.0393	0.000333	8.59	0.00179	0.0514	0.000282	0.00021	0.0000761	0.103	0.00000225	0.000123	0.000634	0.00185	0.00000289
2034 Jun	71.9	0.0711	0.131	0.00259	19.1	0.0286	8.15	0.000992	0.000992	0.00000502	0.00739	0.0226	0.0156	0.0224	0.00000506	19.3	0.000021	0.000415	0.000286	0.000956	0.0658	0.0000103	1.52	2.84	0.0465	0.000308	8.23	0.00174	0.0509	0.000353	0.000208	0.0000804	0.109	0.00000217	0.000114	0.000697	0.00181	0.00000247
2034 Jul	72.3	0.0712	0.131	0.0026	19.2	0.029	8.18	0.001	0.001	0.00000508	0.00745	0.023	0.0156	0.0225	0.00000511	19.4	0.0000211	0.000416	0.000287	0.000964	0.0663	0.0000105	1.53	2.85	0.0466	0.000309	8.26	0.00175	0.0514	0.000354	0.000209	0.0000808	0.11	0.0000022	0.000115	0.000699	0.00183	0.00000247
2034 Aug	76.5	0.0753	0.138	0.00276	20.3	0.0308	8.66	0.00106	0.00106	0.00000539	0.00789	0.0248	0.0166	0.0238	0.00000542	20.6	0.0000223	0.00044	0.000304	0.00102	0.0702	0.0000111	1.62	3.02	0.0493	0.000328	8.74	0.00186	0.0545	0.000374	0.000221	0.0000856	0.116	0.00000233	0.000122	0.000739	0.00193	0.00000261
2034 Sep	75.3	0.0752	0.134	0.0027	19.9	0.0307	8.51	0.00105	0.00105	0.00000532	0.00783	0.0245	0.0163	0.0235	0.00000536	20.3	0.0000219	0.000431	0.000298	0.00101	0.0691	0.0000111	1.59	2.96	0.048	0.000329	8.57	0.00182	0.054	0.000364	0.000215	0.0000839	0.114	0.0000023	0.00012	0.000721	0.0019	0.00000253
2034 Oct	71.4	0.074	0.124	0.00252	18.9	0.0302	8.04	0.00101	0.00101	0.00000511	0.00756	0.0228	0.0155	0.0223	0.00000514	19.3	0.0000208	0.000405	0.000279	0.000972	0.0655	0.0000105	1.51	2.8	0.0445	0.000328	8.06	0.00172	0.0521	0.000335	0.000198	0.0000788	0.108	0.00000222	0.000114	0.000671	0.00179	0.00000233
2034 Nov	71.4	0.0744	0.123	0.00251	18.9	0.0304	8.04	0.00101	0.00101	0.00000512	0.00758	0.0227	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000404	0.000279	0.000974	0.0655	0.0000105	1.51	2.8	0.0444	0.000331	8.05	0.00172	0.0522	0.000334	0.000197	0.0000787	0.108	0.00000222	0.000114	0.000669	0.00179	0.00000231
2034 Dec	71.4	0.0745	0.123	0.00251	18.9	0.0304	8.04	0.00101	0.00101	0.00000512	0.00759	0.0227	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000404	0.000279	0.000975	0.0655	0.0000105	1.51	2.8	0.0444	0.000331	8.05	0.00172	0.0523	0.000333	0.000197	0.0000787	0.108	0.00000222	0.000114	0.000669	0.00179	0.00000231
2035 Jan	71.4	0.0745	0.123	0.00251	18.9	0.0304	8.04	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0223	0.00000515	19.3	0.0000208	0.000404	0.000279	0.000975	0.0655	0.0000105	1.51	2.8	0.0444	0.000331	8.05	0.00172	0.0523	0.000333	0.000197	0.0000787	0.108	0.00000222	0.000114	0.000669	0.00179	0.00000231
2035 Feb	71.4	0.0745	0.123	0.00251	18.9	0.0304	8.04	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0224	0.00000515	19.3	0.0000208	0.000405	0.000279	0.000975	0.0656	0.0000105	1.51	2.8	0.0444	0.000331	8.06	0.00172	0.0523	0.000334	0.000197	0.0000787	0.108	0.00000222	0.000114	0.00067	0.00179	0.00000231
2035 Mar	71.5	0.0745	0.123	0.00251	18.9	0.0304	8.04	0.00101	0.00101	0.00000512	0.00759	0.0226	0.0155	0.0224	0.00000515	19.4	0.0000208	0.000405	0.000279	0.000976	0.0656	0.0000105	1.51	2.8	0.0444	0.000331	8.06	0.00172	0.0523	0.000334	0.000197	0.0000787	0.108	0.00000222	0.000114	0.00067	0.00179	0.00000231
2035 Apr	71.7	0.0748	0.123	0.00252	19	0.0305	8.07	0.00102	0.00102	0.00000514	0.00762	0.0227	0.0156	0.0225	0.00000517	19.4	0.0000209	0.000406	0.00028	0.000979	0.0659	0.0000106	1.52	2.82	0.0446	0.000332	8.09	0.00172	0.0525	0.000335	0.000198	0.000079	0.109	0.00000221	0.000114	0.000673	0.0018	0.00000232
2035 May	73.1	0.0762	0.126	0.00257	19.3	0.031	8.22	0.00103	0.00103	0.00000524	0.00776	0.0245	0.0158	0.0229	0.00000527	19.8	0.0000213	0.000414	0.000286	0.000998	0.0671	0.0000108	1.55	2.87	0.0455	0.000338	8.24	0.00175	0.0535	0.000342	0.000202	0.0000806	0.111	0.00000225	0.000116	0.000686	0.00183	0.00000236
2035 Jun	66.4	0.0651	0.102	0.00227	17.1	0.0278	7.12	0.00098	0.00098	0.00000495	0.00736	0.0214	0.0141	0.0215	0.00000494	18.5	0.0000204	0.000373	0.00027	0.000892	0.0575	0.0000101	1.43	2.64	0.0432	0.00029	7.2	0.00159	0.0502	0.000303	0.000196	0.0000751	0.102	0.00000221	0.000102	0.000663	0.00177	0.00000188
2035 Jul	66.6	0.0647	0.101	0.0022	17	0.0281	7.09	0.000994	0.000994	0.00000502	0.0074	0.0217	0.0142	0.0215	0.00000504	18.5	0.0000207	0.000374	0.00027	0.000925	0.0639	0.0000103	1.44	2.64	0.0432	0.000289	7.19	0.0016	0.0508	0.000329	0.0002	0.0000754	0.103	0.00000213	0.000102	0.000668	0.00181	0.00000186
2035 Aug	69	0.0671	0.105	0.00228	17.6	0.0291	7.35	0.00103	0.00103	0.00000521	0.00767	0.0229	0.0147	0.0223	0.00000523	19.2	0.0000215	0.000387	0.000279	0.000959	0.0662	0.0000106	1.49	2.73	0.0447	0.0003	7.44	0.00166	0.0526	0.000341	0.000207	0.0000781	0.106	0.00000221	0.000106	0.000691	0.00187	0.00000193
2035 Sep	66.7	0.0666	0.0986	0.00218	17	0.029	7.09	0.001	0.001	0.00000507	0.0075	0.022	0.0143	0.0216	0.00000509	18.6	0.0000207	0.000371	0.000267	0.000936	0.0639	0.0000104	1.44	2.63	0.0424	0.000302	7.15	0.0016	0.0514	0.000321	0.000195	0.000075	0.103	0.00000215	0.000102	0.000657	0.0018	0.00000181
2035 Oct	65.5	0.0663	0.0958	0.00213	16.7	0.0288	6.96	0.00099	0.00099	0.000005	0.00741	0.0216	0.014	0.0212	0.00000502	18.3	0.0000203	0.000364	0.000261	0.000923	0.0627	0.0000102	1.41	2.58	0.0413	0.000302	7.01	0.00156	0.0508	0.000312	0.00019	0.0000734	0.101	0.00000212	0.000101	0.000641	0.00176	0.00000176
2035 Nov	64.2	0.0659	0.093	0.00208	16.4	0.0285	6.82	0.000974	0.000974	0.00000492	0.0073	0.0209	0.0138	0.0208	0.00000494	18	0.0000199	0.000355	0.000255	0.000909	0.0615	0.00001	1.39	2.53	0.0402	0.000301	6.86	0.00153	0.05	0.000303	0.000185	0.0000717	0.0986	0.00000208	0.0000987	0.000624	0.00172	0.00000171
2035 Dec	64.2	0.066	0.0928	0.00208	16.4	0.0286	6.81	0.000975	0.000975	0.00000492	0.0073	0.0209	0.0138	0.0208	0.00000494	18	0.0000199	0.000355	0.000255	0.000909	0.0615	0.00001	1.39	2.53	0.0401	0.000301	6.85	0.00153	0.0501	0.000303	0.000184	0.0000717	0.0986	0.00000208	0.0000987	0.000623	0.00172	0.00000171
2036 Jan	64.2	0.066	0.0928	0.00208	16.4	0.0286	6.82	0.000975	0.000975	0.00000492	0.0073	0.0209	0.0138	0.0208	0.00000494	18	0.0000199	0.000355	0.000255	0.000909	0.0615	0.00001	1.39	2.53	0.0402	0.000301	6.85	0.00153	0.0501	0.000303	0.000184	0.0000717	0.0986	0.00000208	0.0000987	0.000623	0.00172	0.00000171
2036 Feb	64.3	0.0661	0.0928	0.00208	16.4	0.0286	6.82	0.000975	0.000975	0.00000492	0.0073	0.0209	0.0138	0.0208	0.00000494	18	0.0000199	0.000355	0.000255	0.00091	0.0615	0.00001	1.39	2.53	0.0402	0.000301	6.86	0.00153	0.0501	0.000303	0.000184	0.0000717	0.0987	0.00000208	0.0000987	0.000624	0.00172	0.00000171
2036 Mar	64.3	0.0661	0.0928	0.00208	16.4	0.0286	6.82	0.000975	0.000975	0.00000492	0.0073	0.0209	0.0138	0.0208	0.00000494	18	0.0000199	0.000355	0.000256	0.00091	0.0615	0.00001	1.39	2.53	0.0402	0.000301	6.86	0.00153	0.0501	0.000303	0.000184	0.0000717	0.0987	0.00000208	0.0000987	0.000624	0.00172	0.00000171
2036 Apr	64.6	0.0664	0.0932	0.00209	16.5	0.0287	6.85	0.000979	0.000979	0.00000494	0.00734	0.0218	0.0138	0.0209	0.00000496	18.1	0.00002	0.000357	0.000257	0.000914	0.0618	0.0000101	1.4	2.55	0.0404	0.000303	6.89	0.00154	0.0503	0.000304	0.000185	0.0000721	0.0992	0.00000209	0.0000992	0.000627	0.00173	0.00000171
2036 May	65.8	0.0677	0.0949	0.00213	16.8	0.0293	6.98	0.000998	0.000998	0.00000504	0.00748	0.0245	0.0141	0.0213	0.00000506	18.4	0.0000203	0.000364	0.000262	0.000932	0.063	0.0000103	1.42	2.6	0.0412	0.000309	7.02	0.00157	0.0513	0.00031	0.000189	0.0000734	0.101	0.00000213	0.000101	0.000639	0.00176	0.00000174
2036 Jun	61.8	0.0614	0.0854	0.00198	15.5	0.0278	6.41	0.000972	0.000972	0.0000049	0.00728	0.0223	0.0134	0.02	0.00000492	17.3	0.00002	0.000342	0.000243	0.000882	0.0598	0.0000099	1.34	2.42	0.0382	0.000284	6.48	0.00148	0.0495	0.000287	0.000187	0.0000692	0.0945	0.00000206	0.000093	0.000613	0.00175	0.00000156
2036 Jul	61	0.0594	0.0824	0.00195	15.2	0.0277	6.25	0.00098	0.00098	0.00000494	0.00733	0.0219	0.0133	0.0198	0.00000496	17.1	0.0000202	0.000337	0.000238	0.000876	0.0594	0.0000101	1.33	2.38	0.0374	0.000278	6.35	0.00147	0.0496	0.000281	0.00019	0.0000685	0.093	0.00000208	0.000092	0.00061	0.00177	0.0000015
2036 Aug	63.9	0.0622	0.0862	0.00204	15.9	0.0291	6.55	0.00103	0.00103	0.00000518	0.00768	0.0233	0.0139	0.0207	0.0000052	17.9	0.0000211	0.000353	0.000249	0.000919	0.0622	0.0000106	1.39	2.49	0.0392	0.000291	6.65	0.00154	0.052	0.000294	0.000199	0.0000718	0.0975	0.00000218	0.000097	0.000638	0.00185	0.00000157
2036 Sep	64	0.0624	0.0862	0.00205	15.9	0.0292	6.56	0.00103	0.00103	0.00000519	0.0077	0.0237	0.014	0.0207	0.00000521	17.9	0.0000211	0.000353	0.00025	0.000921	0.0623	0.0000106	1.4	2.5	0.0392	0.000293	6.66	0.00154	0.0522	0.000294	0.000198	0.0000719	0.0976	0.00000218	0.0000976	0.000639	0.00186	0.00000157
2036 Oct	62.7	0.0623	0.0832	0.00199	15.6	0.029	6.43	0.00101	0.00101	0.0000051	0.00758	0.0231	0.0137	0.0203	0.00000512	17.6	0.0000207	0.000345	0.000243	0.000907	0.061	0.0000104	1.37	2.44	0.038	0.000293	6.51	0.00151	0.0514	0.000284	0.000192	0.0000701	0.0956	0.00000214	0.0000957	0.00062	0.00181	0.00000151
2036 Nov	62.3	0.0625	0.0821	0.00197	15.5	0.029	6.38	0.00101	0.00101	0.00000508	0.00756	0.0228	0.0136	0.0202	0.0000051	17.5	0.0000205	0.000342

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00004487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2039 Dec	42.7	0.0493	0.00597	0.00104	9.69	0.038	3.74	0.00103	0.00103	0.00000517	0.00702	0.00111	0.0102	0.0153	0.00000517	13.2	0.0000132	0.000173	0.00012	0.000874	0.0475	0.0000103	1.04	1.56	0.0126	0.000334	3.68	0.00102	0.0511	0.000081	0.0000888	0.0000449	0.0643	0.00000207	0.000066	0.000244	0.00142	1.32E-09
2040 Jan	43.1	0.0499	0.00609	0.00104	9.8	0.0379	3.78	0.00103	0.00103	0.00000517	0.00702	0.00112	0.0102	0.0155	0.00000517	13.4	0.0000133	0.000175	0.000124	0.000878	0.048	0.0000103	1.05	1.59	0.0132	0.000336	3.71	0.00102	0.0512	0.0000839	0.0000889	0.0000452	0.0653	0.00000207	0.000663	0.00025	0.00142	1.3E-09
2040 Feb	43.7	0.0504	0.00627	0.00104	9.95	0.0378	3.83	0.00103	0.00103	0.00000517	0.00702	0.00113	0.0102	0.0158	0.00000517	13.6	0.0000133	0.000178	0.00013	0.000884	0.0488	0.0000103	1.06	1.62	0.0143	0.000335	3.76	0.00103	0.0513	0.0000887	0.0000897	0.0000456	0.0666	0.00000207	0.000665	0.000261	0.00142	1.3E-09
2040 Mar	44.1	0.0507	0.0064	0.00104	10.1	0.0378	3.87	0.00104	0.00104	0.00000518	0.00702	0.00113	0.0102	0.016	0.00000518	13.8	0.0000133	0.00018	0.000135	0.000889	0.0494	0.0000104	1.07	1.65	0.015	0.000336	3.8	0.00104	0.0515	0.0000921	0.0000903	0.000046	0.0676	0.00000207	0.000667	0.000268	0.00142	1.29E-09
2040 Apr	44.6	0.0512	0.00651	0.00104	10.2	0.0379	3.91	0.00104	0.00104	0.0000052	0.00705	0.00114	0.0102	0.0163	0.0000052	14	0.0000134	0.000182	0.000138	0.000896	0.05	0.0000104	1.08	1.68	0.0156	0.000337	3.84	0.00105	0.0517	0.0000949	0.0000911	0.0000464	0.0686	0.00000208	0.0000671	0.000274	0.00143	1.3E-09
2040 May	49.6	0.0538	0.00813	0.00106	11.4	0.037	4.29	0.00106	0.00106	0.00000528	0.00715	0.00123	0.0103	0.0189	0.00000528	16.1	0.0000144	0.00021	0.000188	0.000946	0.057	0.0000106	1.2	1.98	0.0246	0.000331	4.25	0.00114	0.0533	0.000175	0.0001005	0.0000549	0.0802	0.00000211	0.0000691	0.000374	0.00149	1.2E-09
2040 Jun	67.9	0.0506	0.0161	0.000953	15.4	0.0213	5.33	0.000953	0.000953	0.00000477	0.00654	0.00144	0.00857	0.0299	0.00000477	24.3	0.0000194	0.000339	0.000434	0.001	0.0855	0.00000953	1.6	3.27	0.072	0.000184	5.6	0.00144	0.0511	0.000614	0.0002	0.000094	0.128	0.00000191	0.0000648	0.000931	0.00174	1.66E-10
2040 Jul	69.3	0.0507	0.0164	0.001	15.6	0.0222	5.4	0.001	0.001	0.000005	0.00689	0.00148	0.00904	0.0302	0.000005	24.6	0.0000204	0.000347	0.000435	0.00103	0.0871	0.00001	1.64	3.31	0.0723	0.000189	5.69	0.00148	0.0531	0.000615	0.0002111	0.0000956	0.13	0.000002	0.0000707	0.000949	0.00183	1.65E-10
2040 Aug	72.5	0.0531	0.0171	0.00105	16.4	0.0235	5.65	0.00105	0.00105	0.00000525	0.00722	0.00155	0.0095	0.0316	0.00000525	25.7	0.0000213	0.000363	0.000454	0.00108	0.091	0.0000105	1.71	3.46	0.0754	0.000199	5.96	0.00155	0.0557	0.000641	0.00022	0.0001	0.136	0.00000221	0.0000702	0.000989	0.00192	1.72E-10
2040 Sep	72.7	0.0544	0.017	0.00106	16.4	0.0244	5.68	0.00106	0.00106	0.0000053	0.0073	0.00155	0.0097	0.0315	0.0000053	25.7	0.0000212	0.000362	0.00045	0.00108	0.0907	0.0000106	1.72	3.45	0.0743	0.000211	5.97	0.00155	0.0562	0.00063	0.000216	0.0000996	0.135	0.00000212	0.0000711	0.000976	0.00192	1.69E-10
2040 Oct	73.1	0.0554	0.017	0.00107	16.5	0.0248	5.73	0.00107	0.00107	0.00000534	0.00737	0.00156	0.0098	0.0317	0.00000534	25.9	0.0000214	0.000364	0.00045	0.00109	0.091	0.0000107	1.73	3.46	0.0744	0.000216	6.01	0.00156	0.0567	0.00063	0.000217	0.0000999	0.136	0.00000214	0.0000719	0.000977	0.00193	1.69E-10
2040 Nov	73.4	0.0558	0.017	0.00107	16.6	0.025	5.75	0.00107	0.00107	0.00000537	0.00741	0.00157	0.00985	0.0318	0.00000537	26	0.0000214	0.000365	0.000452	0.0011	0.0913	0.0000107	1.73	3.47	0.0745	0.000218	6.03	0.00157	0.0569	0.000631	0.000217	0.0001	0.136	0.00000215	0.0000723	0.000979	0.00193	1.69E-10
2040 Dec	73.4	0.0559	0.017	0.00107	16.6	0.025	5.75	0.00107	0.00107	0.00000537	0.00741	0.00157	0.00986	0.0318	0.00000537	26	0.0000214	0.000365	0.000452	0.0011	0.0913	0.0000107	1.73	3.47	0.0745	0.000219	6.03	0.00157	0.057	0.000631	0.000217	0.0001	0.136	0.00000215	0.0000723	0.000979	0.00193	1.69E-10
2041 Jan	73.4	0.056	0.017	0.00107	16.6	0.025	5.76	0.00107	0.00107	0.00000537	0.00741	0.00157	0.00986	0.0318	0.00000537	26	0.0000214	0.000365	0.000452	0.0011	0.0913	0.0000107	1.73	3.47	0.0745	0.000219	6.03	0.00157	0.057	0.000631	0.000217	0.0001	0.136	0.00000215	0.0000723	0.000979	0.00193	1.69E-10
2041 Feb	73.4	0.056	0.0171	0.00107	16.6	0.025	5.76	0.00107	0.00107	0.00000537	0.00741	0.00157	0.00986	0.0318	0.00000537	26	0.0000214	0.000365	0.000452	0.0011	0.0914	0.0000107	1.73	3.47	0.0746	0.000219	6.04	0.00157	0.057	0.000631	0.000217	0.0001	0.137	0.00000215	0.0000724	0.000979	0.00193	1.69E-10
2041 Mar	73.5	0.0561	0.0171	0.00108	16.7	0.025	5.77	0.00108	0.00108	0.00000538	0.00742	0.00157	0.00987	0.0319	0.00000538	26	0.0000214	0.000366	0.000453	0.0011	0.0915	0.0000108	1.74	3.48	0.0747	0.000219	6.05	0.00157	0.0571	0.000632	0.000217	0.0001	0.137	0.00000215	0.0000724	0.000981	0.00194	1.69E-10
2041 Apr	73.8	0.0563	0.0171	0.00108	16.7	0.0251	5.79	0.00108	0.00108	0.00000539	0.00744	0.00158	0.0099	0.032	0.00000539	26.1	0.0000215	0.000367	0.000455	0.0011	0.0918	0.0000108	1.74	3.49	0.075	0.00022	6.07	0.00158	0.0573	0.000634	0.000218	0.000101	0.137	0.00000216	0.0000727	0.000984	0.00194	1.69E-10
2041 May	75	0.0572	0.0174	0.0011	17	0.0255	5.88	0.0011	0.0011	0.00000548	0.00756	0.0016	0.01	0.0325	0.00000548	26.5	0.0000219	0.000373	0.000462	0.00112	0.0933	0.000011	1.77	3.55	0.0762	0.000223	6.17	0.0016	0.0581	0.000644	0.000221	0.000102	0.139	0.00000219	0.0000738	0.001	0.00197	1.72E-10
2041 Jun	59.8	0.0403	0.0135	0.00102	12.8	0.0228	4.44	0.00102	0.00102	0.00000511	0.00722	0.00131	0.00963	0.0246	0.00000511	20.3	0.0000212	0.000304	0.000331	0.000914	0.0735	0.0000102	1.42	2.67	0.0542	0.000176	4.79	0.00135	0.0517	0.000451	0.000215	0.0000798	0.106	0.00000204	0.0000635	0.000805	0.00193	1.11E-10
2041 Jul	50.3	0.0307	0.0111	0.000947	10.4	0.0206	3.59	0.000947	0.000947	0.00000473	0.00677	0.00112	0.00905	0.0199	0.00000473	16.5	0.00002	0.00026	0.000257	0.000781	0.0613	0.00000947	1.2	2.15	0.0417	0.000147	3.95	0.00118	0.0467	0.000342	0.000203	0.000066	0.0856	0.00000189	0.0000561	0.00068	0.00184	7.84E-11
2041 Aug	53.6	0.0327	0.0118	0.00101	11.1	0.022	3.83	0.00101	0.00101	0.00000505	0.00721	0.00119	0.00965	0.0212	0.00000505	17.6	0.0000213	0.000277	0.000273	0.000832	0.0653	0.0000101	1.28	2.29	0.0444	0.000157	4.2	0.00126	0.0497	0.000363	0.000216	0.0000703	0.0912	0.00000202	0.0000598	0.000724	0.00195	8.33E-11
2041 Sep	54.3	0.0334	0.012	0.00102	11.2	0.0225	3.89	0.00102	0.00102	0.00000512	0.00732	0.00121	0.0098	0.0215	0.00000512	17.8	0.0000215	0.00028	0.000276	0.000845	0.0661	0.0000102	1.3	2.32	0.0448	0.000161	4.27	0.00127	0.0505	0.000367	0.000218	0.0000712	0.0924	0.00000205	0.0000607	0.000731	0.00198	8.41E-11
2041 Oct	54	0.0339	0.0118	0.00102	11.2	0.0225	3.87	0.00102	0.00102	0.00000509	0.00729	0.0012	0.00976	0.0213	0.00000509	17.7	0.0000213	0.000278	0.000273	0.000841	0.0655	0.0000102	1.29	2.3	0.0443	0.000164	4.24	0.00126	0.0502	0.000362	0.000215	0.0000705	0.0917	0.00000204	0.0000606	0.000722	0.00196	8.28E-11
2041 Nov	54.2	0.0343	0.0119	0.00102	11.3	0.0227	3.9	0.00102	0.00102	0.00000512	0.00733	0.00121	0.00982	0.0214	0.00000512	17.8	0.0000214	0.000279	0.000274	0.000846	0.0658	0.0000102	1.29	2.31	0.0444	0.000166	4.26	0.00127	0.0505	0.000363	0.000216	0.0000708	0.0921	0.00000205	0.000061	0.000725	0.00197	8.31E-11
2041 Dec	54.3	0.0344	0.0119	0.00102	11.3	0.0227	3.9	0.00102	0.00102	0.00000512	0.00733	0.00121	0.00983	0.0214	0.00000512	17.8	0.0000214	0.000279	0.000274	0.000847	0.0659	0.0000102	1.29	2.31	0.0444	0.000167	4.27	0.00127	0.0506	0.000363	0.000216	0.0000709	0.0922	0.00000205	0.0000611	0.000725	0.00197	8.31E-11
2042 Jan	54.3	0.0344	0.0119	0.00102	11.3	0.0228	3.9	0.00102	0.00102	0.00000512	0.00733	0.00121	0.00983	0.0214	0.00000512	17.8	0.0000214	0.000279	0.000275	0.000847	0.0659	0.0000102	1.3	2.31	0.0444	0.000167	4.27	0.00127	0.0506	0.000363	0.000216	0.0000709	0.0922	0.00000205	0.0000611	0.000725	0.00197	8.31E-11
2042 Feb	54.3	0.0345	0.0119	0.00102	11.3	0.0228	3.91	0.00102	0.00102	0.00000512	0.00733	0.00121	0.00983	0.0214	0.00000512	17.8	0.0000214	0.000279	0.000275	0.000847	0.0659	0.0000102	1.3	2.32	0.0445	0.000167	4.27	0.00127	0.0506	0.000363	0.000216	0.0000709	0.0923	0.00000205	0.0000611	0.000725	0.00197	8.3E-11
2042 Mar	54.4	0.0345	0.0119	0.00102	11.3	0.0228	3.91	0.00102	0.00102	0.00000512	0.00734	0.00121	0.00983	0.0215	0.00000512	17.9	0.0000215	0.00028	0.000275	0.000848	0.066	0.0000102	1.3	2.32	0.0445	0.000167	4.28	0.00127	0.0506	0.000363	0.000216	0.000071	0.0924	0.00000205	0.0000611	0.000726	0.00197	8.31E-11
2042 Apr	54.8	0.0348	0.012	0.00103	11.4	0.0229	3.94	0.00103	0.00103	0.00000516	0.00739	0.00122	0.00991	0.0216	0.00000516	18	0.0000216	0.000282	0.000277	0.000855	0.0665	0.0000103	1.31	2.34	0.0449	0.000168	4.31	0.00128	0.051	0.000366	0.000218	0.0000715	0.0931	0.00000206	0.0000616	0.000732	0.00198	8.37E-11
2042 May	56.3	0.0357	0.0123	0.00106	11.7	0.0236	4.05	0.00106	0.00106	0.00000531	0.0076	0.00126	0.0102	0.0222	0.00000531	18.5	0.0000222	0.00029	0.000285	0.000879	0.0684	0.0000106	1.34	2.4	0.0462	0.000173	4.43	0.00132	0.0524	0.000377	0.000224	0.0000735	0.0957	0.00000212	0.0000633	0.000752	0.00204	8.6E-11
2042 Jun	51.8	0.031	0.0112	0.00102	10.5	0.0224	3.64	0.00102	0.00102	0.00000512	0.00738	0.00116	0.00989	0.02	0.00000512	16.7	0.0000217	0.000269	0.00025	0.000814	0.0626	0.0000102	1.24	2.16	0.0403	0.000157	4.03	0.00124	0.0499	0.000326	0.000219	0.000067	0.0862	0.00000205	0.0000597	0.000695	0.002	7.07E-11
2042 Jul	49.1	0.0282	0.0105	0.001	9.86	0.022	3.42	0.001	0.001	0.00000502	0.00721	0.00112	0.00969	0.0188	0.00000502	15.7	0.0000211	0.000255	0.00023	0.000781	0.0593	0.00001	1.18	2.02	0.0369	0.00015	3.81	0.00119	0.0485	0.000297	0.000214	0.0000633	0.0808	0.00000201	0.0000576	0.000656	0.00196	6.2E-11
2042 Aug	47.8	0.028	0.0101	0.000987	9.71	0.0229	3.37	0.000987	0.000987	0.00000493	0.00699	0.0011	0.00962	0.0182	0.00000493	15.3	0.0000198	0.000246	0.000219	0.000769	0.0572	0.00000987	1.15	1.95	0.0347	0.00016	3.74	0.00116	0.0474	0.000277	0.0002	0.0000615	0.0784	0.00000197	0.0000566	0.000612	0.00188	5.74E-11
2042 Sep	47.4	0.0285	0.0099	0.00098	9.68	0.0233	3.37	0.00098	0.00098	0.0000049	0.00691	0.00109	0.00964	0.018	0.0000049	15.1	0.0000193	0.000243	0.000214	0.000764	0.0562	0.0000098	1.14	1.93	0.0338	0.000167	3.72	0.00114	0.047	0.000268	0.000193	0.0000608	0.0776	0.00000196	0.0000564	0.000593	0.00184	5.54E-11
2042 Oct	47	0.0292	0.00974	0.00097	9.62	0.0233	3.35	0.00097	0.00097	0.00000485	0.00686	0.00108	0.00956	0.0178	0.00000485	15	0.0000191	0.00024	0.000211	0.000759	0.0555	0.0000097	1.13	1.9	0.0332	0.00017	3.69	0.00113	0.0466	0.000263	0.000189	0.0000599	0.0767	0.00000194	0.0000562	0.000582	0.00181	5.42E-11
2042 Nov	47.2	0.0296	0.00976	0.0009973	9.67	0.0234	3.37	0.0009973	0.0009973	0.00000487	0.00689	0.00108	0.0096	0.0179	0.00000487	15.1	0.0000191	0.00024	0.000211	0.000762	0.0557	0.0000973	1.13	1.91	0.0332	0.000172	3.7	0.00113	0.0468	0.000263	0.00019	0.0000601	0.077	0.00000195	0.0000565	0.000583	0.00182	5.42E-11
2042 Dec	47.2	0.0296	0.00976	0.0009974	9.67	0.0234	3.38	0.0009974	0.0009974	0.00000487	0.00689	0.00108	0.00961	0.0179	0.00000487	15.1	0.0000191	0.00024	0.000211	0.000763	0.0557	0.0000974	1.13	1.91	0.0332	0.000173	3.7	0.00113	0.0469	0.000263	0.00019	0.0000601	0.077	0.00000195	0.0000565	0.000583	0.00182	5.42E-11
2043 Jan	47.2	0.0297	0.00976	0.0009974	9.68	0.0234	3.38	0.0009974	0.0009974	0.00000487	0.00689	0.00108	0.00961	0.0179	0.00000487	15.1	0.0000191	0.00024	0.000211	0.000763	0.0558	0.0000974	1.13	1.91	0.0332	0.000173	3.7	0.00113	0.0469	0.000263	0.00019	0.0000601	0.0771	0.00000195	0.0000566	0.000583	0.00182	5.42E-11
2043 Feb	47.2	0.0297	0.00977	0.0009974	9.68	0.0234	3.38	0.0009974	0.0009974	0.00000487	0.00689	0.00108	0.00961	0.0179	0.00000487	15.1	0.0000191	0.00024	0.000212	0.000763	0.0558	0.0000974	1.13	1.91	0.0332	0.000173	3.71	0.00113	0.0469	0.000263	0.00019	0.0000601	0.0771	0.00000195	0.0000566	0.000584	0.00182	5.42E-11
2043 Mar	47.2	0.0297	0.00977	0.0009974	9.69	0.0234	3.38	0.0009974	0.0009974	0.00000487	0.00689	0.00108	0.00961	0.0179	0.00000487	15.1	0.0000191	0.00024	0.000212	0.000764	0.0558	0.0000974	1.13	1.91	0.0333	0.000173	3.71	0.00113	0.0469	0.000263	0.00019	0.0000601	0.0771	0.00000195	0.0000566	0.000584	0.00182	5.42E-11
2043 Apr	47.5	0.0299	0.00983	0.000979	9.74	0.0236	3.4	0.000979	0.000979	0.0000049	0.00693	0.00109	0.00966	0.018	0.0000049	15.2	0.0000192	0.000242	0.000213	0.000768	0.0561	0.0000979	1.14	1.92	0.0335	0.000174	3.73	0.00114	0.0471	0.000265	0.000191	0.0000604	0.0776	0.00000196	0.0000569	0.000587	0.00183	5.45E-11
2043 May	48.8	0.0308	0.0101	0.001	10	0.0241	3.5	0.001	0.001	0.0000005	0.00708	0.00111	0.00986	0.0185	0.0000005	15.6	0.0000197	0.000249	0.00022	0.000787	0.0577	0.00001	1.17	1.98	0.0347	0.000178	3.83	0.00117	0.0482	0.000275	0.000195	0.0000622	0.0799	0.000002	0.0000582	0.000604	0.00187	5.53E-11
2043 Jun	50.7	0.0325	0.0109	0.000972	10.6	0.0228	3.68	0.000972	0.000972	0.00000486	0.00686	0.00114	0.00945	0.0199	0.00000486	16.6	0.0000194	0.000258	0.000249	0.0008	0.0608	0.00000972	1.21	2.14	0.0399	0.000171	4.01	0.00119	0.0476	0.000323	0.000194	0.0000659	0.0856	0.00000194	0.0000578	0.000648	0.00182	4.59E-11
2043 Jul	52.9	0.0338	0.0113	0.00102	11.1	0.024	3.84	0.00102	0.00102	0.00000509	0.00717	0.00119	0.00989	0.0207	0.00000509	17.3	0.0000202	0.000269	0.000259	0.000837	0.0635	0.0000102	1.27	2.23	0.0415	0.000179	4.19	0.00124	0.0498	0.000336	0.000203	0.0000688	0.0893	0.00000204	0.0000604	0.000675	0.00191	4.75E-11
2043 Aug	55.2	0.0353	0.0118	0.00107	11.6	0.0252	4.02	0.00107	0.00107	0.00000533	0.00749	0.00125	0.0104	0.0217	0.00000533	18.1	0.0000211	0.000281	0.00027	0.000875	0.0662	0.0000107	1.32	2.33	0.0432	0.000188	4.38	0.0013	0.052	0.00035	0.000211	0.0000718	0.0932	0.00000213	0.0000632	0.000701	0.00199	4.94E-11
2043 Sep	55.6	0.0357	0.0119	0.00107	11.6	0.0255	4.05	0.00107	0.00107	0.00000536	0.00754	0.00125	0.0104	0.0218	0.00000536	18.2	0.0000211	0.000282	0.000271	0.000881	0.0666	0.0000107	1.33	2.34	0.0433	0.000191	4.41	0.0013	0.0524	0.00035	0.000212	0.0000722	0.0937	0.00000214	0.0000636	0.000703	0.002	4.95E-11
2043 Oct	55.3	0.037	0.0117	0.00107	11.6	0.0257	4.05	0.00107	0.00107	0.00000533	0.00752	0.00125	0.0104	0.0216	0.00000533	18.1	0.0000209	0.00028	0.000267	0.00088	0.0659	0.0000107	1.32	2.32	0.0425	0.000198	4.39	0.00129	0.0523	0.000342	0.000207	0.0000713	0.0929	0.00000213	0.0000638	0.000691	0.00197	4.83E-11
2043 Nov	55	0.0384	0.0115	0.00106	11.6	0.026	4.06	0.00106	0.00106	0.0000053	0.00751	0.00124	0.0104	0.0214	0.0000053	18	0.0000207	0.000277	0.000263	0.000878	0.0653	0.0000106	1.31	2.3	0.0416	0.000205	4.37	0.00128	0.0522	0.000335	0.000203	0.0000704	0.0922	0.00000212	0.000064	0.000678	0.00195	4.72E-11
2043 Dec	55	0.0385	0.0115	0.00106	11.6	0.026	4.06	0.00106	0.00106	0.00000531	0.00752	0.00124	0.0104	0.0214	0.00000531	18	0.0000207	0.000277	0.000263	0.000879	0.0653	0.0000106	1.31	2.3	0.0416	0.000205	4.37	0.00128	0.0522	0.000334	0.000202	0.0000704	0.0922	0.00000212	0.0000641	0.000678	0.00195	4.71E-11
2044 Jan	55	0.0385	0.0115	0.00106	11.6	0.0261	4.06	0.00106	0.00106	0.00000531	0.00752	0.00124	0.0104	0.0214	0.00000531	18	0.0000207	0.000277	0.000263	0.000879	0.0653	0.0000106	1.31	2.3	0.0416	0.000205	4.37	0.00128	0.0522	0.000334	0.000202	0.0000704	0.0922	0.00000212	0.0000641	0.000678	0.00195	4.71E-11
2044 Feb	55	0.0386	0.0115	0.00106	11.6	0.0261	4.07	0.00106	0.00106	0.00000531	0.00752	0.00124	0.0104	0.0214	0.00000531	18	0.0000207	0.000277	0.000264	0.00088	0.0653	0.0000106	1.31	2.3	0.0417	0.000205	4.37	0.00128	0.0522	0.000335	0.000202	0.0000704	0.0923	0.00000212	0.0000641	0.000678	0.00195	4.71E-11
2044 Mar	55.1	0.0386	0.0115	0.00106	11.6	0.0261	4.07	0.00106	0.00106	0.00000531	0.00753	0.00124	0.0104	0.0215	0.00000531	18	0.0000208	0.000278	0.000264	0.000881	0.0654	0.0000106	1.32	2.31	0.0417	0.000206	4.38	0.00128	0.0523	0.000335	0.000203	0.0000705	0.0924	0.00000213	0.0000642	0.000679	0.00195	4.72E-11
2044 Apr	55.2	0.0387	0.0116	0.00106	11.7	0.0261	4.08	0.00106	0.00106	0.00000532	0.00754	0.00124	0.0104	0.0215	0.00000532	18	0.0000208	0.000278	0.000265	0.000883	0.0656	0.0000106	1.32	2.31	0.0419	0.000206	4.39	0.00129	0.0524	0.000336	0.000203	0.0000707	0.0927	0.00000213

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00004487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2047 Jun	53.2	0.0358	0.0113	0.00103	11.1	0.024	3.86	0.00103	0.00103	0.00000515	0.00738	0.00119	0.0101	0.0207	0.00000515	17.3	0.00001	0.000272	0.000257	0.000841	0.0635	0.0000103	1.27	2.23	0.041	0.000185	4.19	0.00125	0.0506	0.00033	0.000207	0.0000684	0.0891	0.00000206	0.0000616	0.000682	0.00194	2.08E-11
2047 Jul	56	0.0376	0.0119	0.00108	11.7	0.0253	4.06	0.00108	0.00108	0.00000542	0.00777	0.00125	0.0106	0.0218	0.00000542	18.2	0.0000221	0.000286	0.00027	0.000885	0.0668	0.0000108	1.34	2.34	0.0431	0.000194	4.41	0.00131	0.0532	0.000347	0.000218	0.0000719	0.0937	0.00000217	0.0000649	0.000718	0.00204	2.19E-11
2047 Aug	58.7	0.0394	0.0125	0.00114	12.2	0.0265	4.25	0.00114	0.00114	0.00000568	0.00814	0.00131	0.0111	0.0228	0.00000568	19.1	0.0000231	0.0003	0.000283	0.000927	0.0699	0.0000114	1.4	2.45	0.0451	0.000204	4.62	0.00138	0.0558	0.000363	0.000228	0.0000753	0.0981	0.00000227	0.0000679	0.000751	0.00214	2.29E-11
2047 Sep	58.2	0.0394	0.0123	0.00113	12.1	0.0265	4.23	0.00113	0.00113	0.00000564	0.00808	0.0013	0.0111	0.0226	0.00000564	18.9	0.0000229	0.000297	0.00028	0.000921	0.0693	0.0000113	1.39	2.43	0.0446	0.000205	4.58	0.00136	0.0554	0.000358	0.000225	0.0000747	0.0974	0.00000225	0.0000676	0.000742	0.00212	2.26E-11
2047 Oct	57.4	0.0398	0.0121	0.00111	12	0.0264	4.18	0.00111	0.00111	0.00000556	0.00798	0.00128	0.0109	0.0222	0.00000556	18.7	0.0000225	0.000292	0.000275	0.00091	0.0682	0.0000111	1.37	2.39	0.0436	0.000206	4.52	0.00134	0.0547	0.00035	0.00022	0.0000733	0.0958	0.00000222	0.0000669	0.000726	0.00208	2.2E-11
2047 Nov	57.3	0.0404	0.012	0.00111	12	0.0265	4.19	0.00111	0.00111	0.00000555	0.00797	0.00128	0.0109	0.0222	0.00000555	18.6	0.0000224	0.000291	0.000273	0.000909	0.0679	0.0000111	1.36	2.39	0.0433	0.000209	4.51	0.00134	0.0547	0.000346	0.000218	0.0000729	0.0955	0.00000222	0.000067	0.000721	0.00207	2.18E-11
2047 Dec	57.3	0.0405	0.012	0.00111	12	0.0265	4.19	0.00111	0.00111	0.00000555	0.00798	0.00128	0.0109	0.0222	0.00000555	18.6	0.0000224	0.000291	0.000273	0.00091	0.0679	0.0000111	1.36	2.39	0.0433	0.00021	4.52	0.00134	0.0547	0.000346	0.000218	0.0000729	0.0956	0.00000222	0.0000671	0.000721	0.00207	2.18E-11
2048 Jan	57.3	0.0405	0.012	0.00111	12	0.0265	4.19	0.00111	0.00111	0.00000555	0.00798	0.00128	0.0109	0.0222	0.00000555	18.6	0.0000224	0.000291	0.000273	0.00091	0.0679	0.0000111	1.37	2.39	0.0433	0.00021	4.52	0.00134	0.0547	0.000346	0.000218	0.000073	0.0956	0.00000222	0.0000671	0.000721	0.00207	2.18E-11
2048 Feb	57.4	0.0405	0.012	0.00111	12	0.0266	4.2	0.00111	0.00111	0.00000555	0.00798	0.00128	0.0109	0.0222	0.00000555	18.6	0.0000224	0.000291	0.000273	0.000911	0.068	0.0000111	1.37	2.39	0.0433	0.00021	4.52	0.00134	0.0547	0.000347	0.000218	0.000073	0.0957	0.00000222	0.0000671	0.000721	0.00207	2.18E-11
2048 Mar	57.4	0.0405	0.012	0.00111	12	0.0266	4.2	0.00111	0.00111	0.00000555	0.00798	0.00128	0.0109	0.0222	0.00000555	18.6	0.0000224	0.000292	0.000274	0.000911	0.068	0.0000111	1.37	2.39	0.0433	0.00021	4.52	0.00134	0.0547	0.000347	0.000218	0.000073	0.0957	0.00000222	0.0000671	0.000722	0.00207	2.18E-11
2048 Apr	57.6	0.0407	0.0121	0.00111	12.1	0.0267	4.21	0.00111	0.00111	0.00000557	0.00801	0.00129	0.011	0.0223	0.00000557	18.7	0.0000225	0.000293	0.000275	0.000914	0.0683	0.0000111	1.37	2.4	0.0435	0.000211	4.54	0.00135	0.0549	0.000348	0.000219	0.0000733	0.0961	0.00000223	0.0000674	0.000725	0.00208	2.19E-11
2048 May	58.6	0.0414	0.0123	0.00113	12.3	0.0271	4.28	0.00113	0.00113	0.00000566	0.00815	0.00131	0.0111	0.0227	0.00000566	19	0.0000229	0.000298	0.000279	0.00093	0.0694	0.0000113	1.39	2.44	0.0443	0.000214	4.62	0.00137	0.0558	0.000354	0.000222	0.0000745	0.0977	0.00000227	0.0000685	0.000737	0.00211	2.22E-11
2048 Jun	53.3	0.0357	0.0111	0.00107	11	0.0251	3.82	0.00107	0.00107	0.00000536	0.00774	0.0012	0.0106	0.0203	0.00000536	17.1	0.0000219	0.000273	0.000245	0.000851	0.0631	0.0000107	1.27	2.18	0.0387	0.000191	4.16	0.00127	0.0523	0.000308	0.000215	0.0000675	0.0875	0.00000214	0.0000634	0.000677	0.00203	1.85E-11
2048 Jul	50.6	0.0324	0.0105	0.00105	10.2	0.0242	3.57	0.00105	0.00105	0.00000523	0.00757	0.00115	0.0103	0.019	0.00000523	16	0.0000216	0.000261	0.000226	0.00081	0.0598	0.0000105	1.21	2.04	0.0356	0.000179	3.92	0.00122	0.0506	0.000281	0.000213	0.0000638	0.082	0.00000209	0.000061	0.000647	0.002	1.62E-11
2048 Aug	51.6	0.0333	0.0107	0.00107	10.5	0.025	3.65	0.00107	0.00107	0.00000534	0.00772	0.00117	0.0106	0.0194	0.00000534	16.4	0.0000219	0.000266	0.00229	0.000828	0.0608	0.0000107	1.23	2.08	0.0361	0.000186	4.01	0.00124	0.0517	0.000284	0.000215	0.0000651	0.0836	0.00000214	0.0000623	0.000654	0.00204	1.64E-11
2048 Sep	51.5	0.0335	0.0106	0.00107	10.5	0.0251	3.65	0.00107	0.00107	0.00000533	0.00769	0.00117	0.0106	0.0193	0.00000533	16.3	0.0000217	0.000265	0.000228	0.000827	0.0605	0.0000107	1.23	2.07	0.0358	0.000189	4	0.00124	0.0515	0.000281	0.000213	0.0000648	0.0833	0.00000213	0.0000623	0.000648	0.00202	1.62E-11
2048 Oct	51	0.0338	0.0105	0.00106	10.4	0.025	3.63	0.00106	0.00106	0.00000528	0.00763	0.00116	0.0105	0.0191	0.00000528	16.2	0.0000215	0.000262	0.000225	0.00082	0.0599	0.0000106	1.22	2.05	0.0353	0.00019	3.97	0.00122	0.0511	0.000277	0.00021	0.0000641	0.0825	0.00000211	0.0000619	0.00639	0.002	1.59E-11
2048 Nov	51.1	0.0341	0.0105	0.00106	10.4	0.0251	3.64	0.00106	0.00106	0.00000529	0.00764	0.00116	0.0105	0.0191	0.00000529	16.2	0.0000215	0.000262	0.000225	0.000822	0.0599	0.0000106	1.22	2.05	0.0352	0.000191	3.97	0.00123	0.0512	0.000276	0.000209	0.0000641	0.0826	0.00000211	0.0000621	0.000638	0.002	1.59E-11
2048 Dec	51.1	0.0342	0.0105	0.00106	10.4	0.0251	3.64	0.00106	0.00106	0.00000529	0.00765	0.00116	0.0105	0.0191	0.00000529	16.2	0.0000215	0.000262	0.000225	0.000822	0.0599	0.0000106	1.22	2.05	0.0352	0.000192	3.97	0.00123	0.0512	0.000276	0.000209	0.0000641	0.0826	0.00000212	0.0000621	0.000638	0.002	1.59E-11
2049 Jan	51.1	0.0342	0.0105	0.00106	10.4	0.0252	3.64	0.00106	0.00106	0.00000529	0.00765	0.00116	0.0105	0.0192	0.00000529	16.2	0.0000215	0.000262	0.000225	0.000822	0.0599	0.0000106	1.22	2.05	0.0352	0.000192	3.98	0.00123	0.0512	0.000276	0.000209	0.0000641	0.0826	0.00000212	0.0000621	0.000638	0.002	1.59E-11
2049 Feb	51.1	0.0342	0.0105	0.00106	10.4	0.0252	3.64	0.00106	0.00106	0.00000529	0.00765	0.00116	0.0105	0.0192	0.00000529	16.2	0.0000215	0.000262	0.000225	0.000823	0.0599	0.0000106	1.22	2.05	0.0353	0.000192	3.98	0.00123	0.0512	0.000276	0.000209	0.0000641	0.0827	0.00000212	0.0000621	0.000638	0.002	1.59E-11
2049 Mar	51.2	0.0343	0.0105	0.00106	10.4	0.0252	3.65	0.00106	0.00106	0.00000529	0.00765	0.00116	0.0105	0.0192	0.00000529	16.2	0.0000215	0.000263	0.000225	0.000823	0.06	0.0000106	1.22	2.05	0.0353	0.000192	3.98	0.00123	0.0513	0.000276	0.000209	0.0000642	0.0828	0.00000212	0.0000622	0.000639	0.002	1.59E-11
2049 Apr	51.4	0.0344	0.0105	0.00106	10.5	0.0253	3.66	0.00106	0.00106	0.00000531	0.00768	0.00116	0.0106	0.0193	0.00000531	16.3	0.0000216	0.000264	0.000226	0.000827	0.0602	0.0000106	1.23	2.06	0.0355	0.000193	4	0.00123	0.0514	0.000278	0.00021	0.0000644	0.0831	0.00000212	0.0000624	0.000641	0.00201	1.6E-11
2049 May	52.2	0.0349	0.0107	0.00108	10.7	0.0257	3.72	0.00108	0.00108	0.0000054	0.0078	0.00118	0.0107	0.0196	0.0000054	16.6	0.0000219	0.000268	0.00023	0.00084	0.0612	0.0000108	1.25	2.1	0.036	0.000196	4.06	0.00125	0.0523	0.000282	0.000213	0.0000655	0.0844	0.00000216	0.0000634	0.000652	0.00204	1.62E-11
2049 Jun	47.7	0.03	0.00973	0.00102	9.53	0.0238	3.32	0.00102	0.00102	0.00000511	0.00742	0.00109	0.0102	0.0176	0.00000511	14.9	0.0000211	0.000247	0.000202	0.000771	0.0559	0.0000102	1.14	1.88	0.0316	0.000174	3.67	0.00116	0.049	0.000245	0.000207	0.0000596	0.0759	0.00000204	0.0000588	0.000603	0.00196	1.33E-11
2049 Jul	46.5	0.0285	0.00947	0.00101	9.22	0.0234	3.21	0.00101	0.00101	0.00000506	0.00735	0.00107	0.0101	0.017	0.00000506	14.5	0.0000209	0.000242	0.000194	0.000754	0.0545	0.0000101	1.12	1.82	0.0303	0.000168	3.57	0.00114	0.0483	0.000234	0.000206	0.000058	0.0735	0.00000202	0.0000577	0.00059	0.00195	1.23E-11
2049 Aug	49.2	0.0301	0.01	0.00107	9.76	0.0248	3.4	0.00107	0.00107	0.00000535	0.00777	0.00113	0.0106	0.018	0.00000535	15.3	0.0000221	0.000255	0.000205	0.000798	0.0576	0.0000107	1.18	1.92	0.032	0.000178	3.78	0.00121	0.0511	0.000248	0.000217	0.0000613	0.0777	0.00000214	0.0000611	0.000624	0.0206	1.3E-11
2049 Sep	49	0.0307	0.00992	0.00107	9.75	0.0248	3.4	0.00107	0.00107	0.00000533	0.00774	0.00112	0.0106	0.0179	0.00000533	15.2	0.0000219	0.000254	0.000204	0.000796	0.0573	0.0000107	1.17	1.91	0.0317	0.000181	3.77	0.0012	0.051	0.000245	0.000215	0.0000609	0.0774	0.00000213	0.0000611	0.000617	0.00204	1.28E-11
2049 Oct	48.5	0.0314	0.00976	0.00105	9.68	0.0248	3.39	0.00105	0.00105	0.00000526	0.00767	0.00111	0.0105	0.0177	0.00000526	15.1	0.0000216	0.000251	0.000201	0.00079	0.0566	0.0000105	1.16	1.89	0.0311	0.000184	3.73	0.00119	0.0505	0.000239	0.00021	0.00006	0.0765	0.00000211	0.0000607	0.000605	0.00201	1.26E-11
2049 Nov	48.6	0.032	0.00973	0.00105	9.71	0.025	3.4	0.00105	0.00105	0.00000527	0.00768	0.00111	0.0105	0.0177	0.00000527	15.1	0.0000216	0.00025	0.0002	0.000792	0.0565	0.0000105	1.16	1.89	0.031	0.000187	3.74	0.00119	0.0506	0.000238	0.000209	0.0000599	0.0766	0.00000211	0.000061	0.000603	0.002	1.25E-11
2049 Dec	48.6	0.0321	0.00973	0.00105	9.72	0.025	3.41	0.00105	0.00105	0.00000527	0.00769	0.00111	0.0105	0.0178	0.00000527	15.1	0.0000216	0.00025	0.0002	0.000792	0.0565	0.0000105	1.16	1.89	0.031	0.000187	3.74	0.00119	0.0506	0.000238	0.000209	0.0000599	0.0766	0.00000211	0.000061	0.000603	0.002	1.25E-11
2050 Jan	48.6	0.0321	0.00974	0.00105	9.73	0.025	3.41	0.00105	0.00105	0.00000527	0.00769	0.00111	0.0105	0.0178	0.00000527	15.1	0.0000216	0.000251	0.000201	0.000793	0.0566	0.0000105	1.16	1.9	0.031	0.000188	3.74	0.00119	0.0506	0.000238	0.000209	0.0000599	0.0767	0.00000211	0.000061	0.000603	0.002	1.25E-11
2050 Feb	48.7	0.0321	0.00974	0.00105	9.73	0.025	3.41	0.00105	0.00105	0.00000527	0.00769	0.00111	0.0105	0.0178	0.00000527	15.1	0.0000216	0.000251	0.000201	0.000793	0.0566	0.0000105	1.16	1.9	0.031	0.000188	3.75	0.00119	0.0506	0.000238	0.000209	0.00006	0.0767	0.00000211	0.0000611	0.000603	0.002	1.25E-11
2050 Mar	48.7	0.0322	0.00975	0.00105	9.74	0.025	3.41	0.00105	0.00105	0.00000527	0.00769	0.00111	0.0105	0.0178	0.00000527	15.1	0.0000216	0.000251	0.000201	0.000793	0.0566	0.0000105	1.16	1.9	0.031	0.000188	3.75	0.00119	0.0507	0.000238	0.000209	0.00006	0.0768	0.00000211	0.0000611	0.000604	0.00201	1.25E-11
2050 Apr	48.8	0.0323	0.00978	0.00106	9.77	0.0251	3.42	0.00106	0.00106	0.00000529	0.00771	0.00112	0.0106	0.0178	0.00000529	15.2	0.0000217	0.000252	0.000202	0.000796	0.0568	0.0000106	1.17	1.9	0.0312	0.000188	3.76	0.00119	0.0508	0.000239	0.000209	0.0000601	0.077	0.00000211	0.0000612	0.000606	0.00201	1.25E-11
2050 May	49.5	0.0327	0.00991	0.00107	9.9	0.0254	3.47	0.00107	0.00107	0.00000536	0.00781	0.00113	0.0107	0.0181	0.00000536	15.4	0.0000222	0.000255	0.000204	0.000806	0.0576	0.0000107	1.18	1.93	0.0316	0.000191	3.81	0.00121	0.0515	0.000242	0.000212	0.0000661	0.0781	0.00000214	0.0000621	0.000614	0.00204	1.27E-11
2050 Jun	47.1	0.0299	0.00943	0.00104	9.31	0.0242	3.26	0.00104	0.00104	0.00000518	0.00756	0.00108	0.0103	0.0171	0.00000518	14.5	0.0000214	0.000244	0.000191	0.000778	0.0548	0.0000104	1.13	1.82	0.0296	0.000177	3.6	0.00116	0.0495	0.000226	0.000208	0.0000568	0.0737	0.00000207	0.0000593	0.000573	0.00199	1.11E-11
2050 Jul	45.4	0.0281	0.00908	0.00101	8.91	0.0235	3.12	0.00101	0.00101	0.00000505	0.00737	0.00104	0.0101	0.0164	0.00000505	13.9	0.0000209	0.000235	0.000182	0.000742	0.0528	0.0000101	1.09	1.74	0.0281	0.000169	3.47	0.00112	0.0481	0.000214	0.000204	0.0000558	0.0706	0.00000202	0.0000575	0.00057	0.00194	1.02E-11
2050 Aug	46.9	0.029	0.00938	0.00105	9.22	0.0244	3.23	0.00105	0.00105	0.00000523	0.00762	0.00108	0.0104	0.0169	0.00000523	14.4	0.0000216	0.000243	0.000188	0.000769	0.0547	0.0000105	1.13	1.8	0.029	0.000176	3.59	0.00116	0.0498	0.000221	0.00021	0.0000577	0.073	0.00000209	0.0000595	0.000587	0.00201	1.05E-11
2050 Sep	47.1	0.0295	0.0094	0.00105	9.28	0.0246	3.25	0.00105	0.00105	0.00000525	0.00766	0.00109	0.0105	0.017	0.00000525	14.5	0.0000216	0.000244	0.000188	0.000773	0.0549	0.0000105	1.13	1.81	0.029	0.000178	3.61	0.00117	0.0501	0.000221	0.00021	0.0000579	0.0734	0.00000221	0.0000598	0.000588	0.00201	1.05E-11
2050 Oct	47.5	0.0299	0.00946	0.00106	9.37	0.0249	3.28	0.00106	0.00106	0.00000529	0.00772	0.0011	0.0106	0.0171	0.00000529	14.6	0.0000218	0.000246	0.00019	0.00078	0.0553	0.0000106	1.14	1.83	0.0292	0.000182	3.64	0.00117	0.0505	0.000222	0.000212	0.0000583	0.074	0.00000212	0.0000604	0.000592	0.00203	1.06E-11
2050 Nov	47.7	0.0301	0.00949	0.00106	9.4	0.025	3.29	0.00106	0.00106	0.00000531	0.00775	0.0011	0.0106	0.0172	0.00000531	14.7	0.0000219	0.000247	0.00019	0.000783	0.0555	0.0000106	1.14	1.83	0.0293	0.000182	3.65	0.00118	0.0507	0.000223	0.000212	0.0000585	0.0742	0.00000212	0.0000606	0.000593	0.00203	1.06E-11
2050 Dec	47.7	0.0301	0.0095	0.00106	9.41	0.025	3.3	0.00106	0.00106	0.00000531	0.00776	0.0011	0.0106	0.0172	0.00000531	14.7	0.0000219	0.000247	0.000191	0.000783	0.0555	0.0000106	1.14	1.83	0.0293	0.000182	3.65	0.00118	0.0507	0.000223	0.000212	0.0000586	0.0743	0.00000213	0.0000607	0.000594	0.00204	1.06E-11
2051 Jan	47.7	0.0301	0.0095	0.00106	9.41	0.025	3.3	0.00106	0.00106	0.00000531	0.00776	0.0011	0.0106	0.0172	0.00000531	14.7	0.0000219	0.000247	0.000191	0.000783	0.0555	0.0000106	1.14	1.83	0.0293	0.000182	3.65	0.00118	0.0507	0.000223	0.000212	0.0000586	0.0743	0.00000213	0.0000607	0.000594	0.00204	1.06E-11
2051 Feb	47.7	0.0302	0.0095	0.00106	9.42	0.025	3.3	0.00106	0.00106	0.00000532	0.00776	0.0011	0.0106	0.0172	0.00000532	14.7	0.0000219	0.000247	0.000191	0.000784	0.0555	0.0000106	1.14	1.83	0.0293	0.000182	3.66	0.00118	0.0507	0.000223	0.000212	0.0000586	0.0743	0.00000213	0.0000607	0.000594	0.00204	1.06E-11
2051 Mar	47.8	0.0302	0.00951	0.00106	9.42	0.025	3.3	0.00106	0.00106	0.00000532	0.00776	0.0011	0.0106	0.0172	0.00000532	14.7	0.0000219	0.000247	0.000191	0.000784	0.0556	0.0000106	1.15	1.84	0.0294	0.000182	3.66	0.00118	0.0507	0.000223	0.000212	0.0000586	0.0744	0.00000213	0.0000607	0.000594	0.00204	1.06E-11
2051 Apr	48	0.0303	0.00955	0.00107	9.46	0.0251	3.32	0.00107	0.00107	0.00000534	0.00779	0.00111	0.0107	0.0173	0.00000534	14.8	0.000022	0.000248	0.000192	0.000787	0.0558	0.0000107	1.15	1.84	0.0295	0.000183	3.67	0.00119	0.051	0.000224	0.000213	0.0000589	0.0747	0.00000214	0.000061	0.000597	0.00204	1.07E-11
2051 May	48.9	0.031	0.00977	0.00108	9.67	0.0255	3.39	0.00108	0.00108	0.00000542	0.00791	0.00113	0.0108	0.0177	0.00000542	15.1	0.0000223	0.000253	0.000197	0.000802	0.057	0.0000108	1.17	1.89	0.0303	0.000186	3.75	0.00121	0.0518	0.000232	0.000217	0.0000601	0.0764	0.00000217	0.000062	0.00061	0.00208	1.08E-11
2051 Jun	47.2	0.0293	0.00974	0.001	9.43	0.0229	3.28	0.001	0.001	0.00000501	0.00729	0.00108	0.0099	0.0175	0.00000501	14.8	0.0000209	0.000245	0.000205	0.00076	0.0557	0.00001	1.13	1.88	0.0322	0.000165	3.64	0.00115	0.0482	0.000252	0.000206	0.0000593	0.0756	0.000002	0.0000577	0.000607	0.00193	8.15E-12
2051 Jul	47.2	0.0289	0.00972	0.00101	9.38	0.023	3.27	0.00101	0.00101	0.00000505	0.00734	0.00108	0.00998	0.0174	0.00000505	14.8	0.0000211	0.000245	0.000203	0.000761	0.0557	0.0000101	1.13	1.87	0.0319	0.000165	3.63	0.00115	0.0485	0.000249	0.000208	0.0000592	0.0752	0.00000202	0.0000579	0.000607	0.00195	7.94E-12
2051 Aug	47.9	0.0295	0.00981	0.00103	9.55	0.0237	3.33	0.00103	0.00103	0.00000513	0.00743	0.00109	0.0102	0.0177	0.00000513	15	0.0000212	0.000248	0.000204	0.000773	0.0563	0.0000103	1.15	1.89	0.032	0.000171	3.69	0.00117	0.0491	0.00025	0.000209	0.00006	0.0763	0.00000205	0.0000588	0.000609	0.00197	7.94E-12
2051 Sep	47.5	0.0308	0.00962	0.00101	9.52	0.0239	3.33	0.00101	0.00101	0.00000507	0.00737	0.00108	0.0101	0.0175	0.00000507	14.8	0.0000208	0.000245	0.000201	0.00077	0.0555	0.0000101	1.14	1.87	0.0312	0.000178	3.66	0.00115	0.0488	0.000242	0.000202	0.00006	0.0755	0.00000203	0.0000588	0.000594	0.00193	7.7E-12
2051 Oct	45.8	0.0339	0.009	0.000975	9.34	0.0241	3.3	0.000975	0.000975	0.00000487	0.00715	0.00104	0.0098	0.0168	0.00000487	14.3	0.0000197	0.000233	0.000189	0.000751	0.0529	0.00000975	1.09	1.79	0.0289	0.000192	3.56	0.0011	0.0474	0.000221	0.000185	0.0000557	0.0725	0.00

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00004487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2054 Dec	57.1	0.0421	0.012	0.00107	12.2	0.026	4.26	0.00107	0.00107	0.00000534	0.00764	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000287	0.000281	0.000905	0.068	0.0000107	1.36	2.42	0.0447	0.000212	4.54	0.00131	0.0532	0.000361	0.000205	0.000073	0.0967	0.00000214	0.0000658	0.000712	0.00196	4.71E-12
2055 Jan	57.1	0.0422	0.012	0.00107	12.2	0.0261	4.26	0.00107	0.00107	0.00000534	0.00764	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000287	0.000282	0.000906	0.068	0.0000107	1.36	2.42	0.0447	0.000212	4.55	0.00131	0.0532	0.000361	0.000205	0.000073	0.0967	0.00000214	0.0000659	0.000712	0.00196	4.7E-12
2055 Feb	57.1	0.0422	0.012	0.00107	12.2	0.0261	4.26	0.00107	0.00107	0.00000534	0.00764	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000287	0.000282	0.000906	0.0681	0.0000107	1.36	2.42	0.0447	0.000212	4.55	0.00131	0.0532	0.000361	0.000205	0.000073	0.0968	0.00000214	0.0000659	0.000713	0.00196	4.7E-12
2055 Mar	57.2	0.0423	0.0121	0.00107	12.2	0.0261	4.26	0.00107	0.00107	0.00000534	0.00764	0.00127	0.0104	0.0225	0.00000534	18.8	0.0000213	0.000288	0.000282	0.000907	0.0681	0.0000107	1.36	2.43	0.0448	0.000212	4.55	0.00132	0.0533	0.000361	0.000205	0.0000731	0.0969	0.00000214	0.0000659	0.000713	0.00196	4.7E-12
2055 Apr	57.4	0.0424	0.0121	0.00107	12.2	0.0261	4.28	0.00107	0.00107	0.00000536	0.00767	0.00128	0.0105	0.0226	0.00000536	18.9	0.0000213	0.000289	0.000283	0.000909	0.0683	0.0000107	1.36	2.43	0.0449	0.000213	4.57	0.00132	0.0534	0.000363	0.000206	0.0000733	0.0972	0.00000214	0.0000661	0.000716	0.00197	4.72E-12
2055 May	58.1	0.043	0.0123	0.00109	12.4	0.0265	4.34	0.00109	0.00109	0.00000543	0.00777	0.00129	0.0106	0.0229	0.00000543	19.1	0.0000216	0.000292	0.000287	0.000921	0.0693	0.0000109	1.38	2.47	0.0455	0.000216	4.63	0.00134	0.0541	0.000367	0.000209	0.0000743	0.0985	0.00000217	0.000067	0.000725	0.00199	4.78E-12
2055 Jun	52.5	0.0364	0.011	0.00103	10.9	0.0245	3.82	0.00103	0.00103	0.00000515	0.00741	0.00118	0.0101	0.0202	0.00000515	17	0.0000209	0.000267	0.000248	0.000837	0.0624	0.0000103	1.25	2.18	0.0392	0.00019	4.13	0.00123	0.0506	0.000314	0.000203	0.0000667	0.0872	0.00000206	0.0000618	0.000663	0.00193	3.88E-12
2055 Jul	51.8	0.0351	0.0108	0.00103	10.7	0.0244	3.74	0.00103	0.00103	0.00000517	0.00745	0.00117	0.0101	0.0198	0.00000517	16.7	0.0000211	0.000265	0.000241	0.000829	0.0616	0.0000103	1.24	2.13	0.0381	0.000186	4.06	0.00123	0.0506	0.000304	0.000206	0.0000657	0.0855	0.00000207	0.0000615	0.000657	0.00195	3.69E-12
2055 Aug	53.8	0.0365	0.0112	0.00107	11.1	0.0253	3.88	0.00107	0.00107	0.00000537	0.00774	0.00121	0.0105	0.0206	0.00000537	17.3	0.0000219	0.000275	0.00025	0.000861	0.0639	0.0000107	1.29	2.21	0.0395	0.000193	4.22	0.00127	0.0525	0.000315	0.000214	0.0000683	0.0888	0.00000215	0.0000639	0.000682	0.00202	3.83E-12
2055 Sep	53.9	0.0368	0.0112	0.00108	11.1	0.0255	3.89	0.00108	0.00108	0.00000538	0.00775	0.00122	0.0106	0.0206	0.00000538	17.3	0.0000218	0.000275	0.00025	0.000863	0.0639	0.0000108	1.29	2.22	0.0394	0.000196	4.23	0.00128	0.0526	0.000314	0.000213	0.0000683	0.0889	0.00000215	0.0000641	0.00068	0.00202	3.81E-12
2055 Oct	54.2	0.0371	0.0113	0.00108	11.2	0.0257	3.92	0.00108	0.00108	0.00000541	0.00779	0.00122	0.0106	0.0207	0.00000541	17.4	0.0000219	0.000276	0.000251	0.000868	0.0642	0.0000108	1.29	2.23	0.0396	0.000198	4.25	0.00128	0.0529	0.000315	0.000214	0.0000686	0.0893	0.00000216	0.0000644	0.000683	0.00203	3.82E-12
2055 Nov	54.3	0.0372	0.0113	0.00108	11.2	0.0257	3.93	0.00108	0.00108	0.00000542	0.00781	0.00122	0.0106	0.0208	0.00000542	17.5	0.000022	0.000277	0.000251	0.00087	0.0644	0.0000108	1.3	2.23	0.0397	0.000198	4.26	0.00128	0.053	0.000316	0.000214	0.0000687	0.0895	0.00000217	0.0000646	0.000684	0.00203	3.83E-12
2055 Dec	54.3	0.0373	0.0113	0.00108	11.2	0.0258	3.93	0.00108	0.00108	0.00000542	0.00781	0.00122	0.0107	0.0208	0.00000542	17.5	0.000022	0.000277	0.000251	0.00087	0.0644	0.0000108	1.3	2.23	0.0397	0.000199	4.26	0.00129	0.0531	0.000316	0.000214	0.0000687	0.0895	0.00000217	0.0000646	0.000684	0.00203	3.83E-12
2056 Jan	54.4	0.0373	0.0113	0.00108	11.2	0.0258	3.93	0.00108	0.00108	0.00000542	0.00781	0.00122	0.0107	0.0208	0.00000542	17.5	0.000022	0.000277	0.000252	0.00087	0.0644	0.0000108	1.3	2.23	0.0397	0.000199	4.26	0.00129	0.0531	0.000316	0.000214	0.0000688	0.0896	0.00000217	0.0000646	0.000684	0.00203	3.83E-12
2056 Feb	54.4	0.0374	0.0113	0.00108	11.2	0.0258	3.93	0.00108	0.00108	0.00000542	0.00781	0.00123	0.0107	0.0208	0.00000542	17.5	0.000022	0.000277	0.000252	0.000871	0.0644	0.0000108	1.3	2.23	0.0397	0.000199	4.27	0.00129	0.0531	0.000316	0.000214	0.0000688	0.0896	0.00000217	0.0000646	0.000684	0.00203	3.83E-12
2056 Mar	54.4	0.0374	0.0113	0.00108	11.3	0.0258	3.94	0.00108	0.00108	0.00000542	0.00782	0.00123	0.0107	0.0208	0.00000542	17.5	0.000022	0.000277	0.000252	0.000871	0.0645	0.0000108	1.3	2.24	0.0398	0.000199	4.27	0.00129	0.0531	0.000316	0.000214	0.0000688	0.0897	0.00000217	0.0000647	0.000685	0.00204	3.83E-12
2056 Apr	54.6	0.0375	0.0114	0.00109	11.3	0.0259	3.95	0.00109	0.00109	0.00000544	0.00785	0.00123	0.0107	0.0209	0.00000544	17.6	0.0000221	0.000278	0.000253	0.000875	0.0647	0.0000109	1.3	2.25	0.0399	0.0002	4.29	0.00129	0.0533	0.000317	0.000215	0.0000691	0.0901	0.00000218	0.000065	0.000688	0.00204	3.84E-12
2056 May	56.2	0.0388	0.0118	0.0011	11.7	0.026	4.08	0.0011	0.0011	0.00000549	0.00789	0.00126	0.0107	0.0217	0.00000549	18.2	0.0000223	0.000286	0.000267	0.000894	0.0668	0.000011	1.34	2.33	0.0423	0.000202	4.42	0.00132	0.054	0.000338	0.000218	0.0000715	0.0935	0.00000219	0.0000659	0.000712	0.00206	3.78E-12
2056 Jun	57.6	0.0405	0.0126	0.00103	12.3	0.024	4.27	0.00103	0.00103	0.00000517	0.00737	0.00127	0.00996	0.0231	0.00000517	19.2	0.0000211	0.000292	0.0003	0.000894	0.0695	0.0000103	1.37	2.5	0.0485	0.000191	4.58	0.00131	0.0518	0.000397	0.000209	0.0000751	0.0994	0.00000207	0.0000638	0.000749	0.00193	3.11E-12
2056 Jul	59.9	0.0421	0.0131	0.00108	12.8	0.0251	4.44	0.00108	0.00108	0.00000539	0.00768	0.00132	0.0104	0.024	0.00000539	20	0.000022	0.000304	0.000312	0.000932	0.0724	0.0000108	1.42	2.6	0.0503	0.000199	4.77	0.00137	0.054	0.000412	0.000218	0.0000782	0.103	0.00000215	0.0000665	0.000779	0.00201	3.23E-12
2056 Aug	61.2	0.043	0.0133	0.0011	13.1	0.0258	4.55	0.0011	0.0011	0.00000552	0.00785	0.00135	0.0106	0.0245	0.00000552	20.4	0.0000224	0.00031	0.000318	0.000954	0.0739	0.0000111	1.46	2.65	0.0512	0.000205	4.88	0.0014	0.0552	0.000419	0.000221	0.0000799	0.106	0.00000221	0.0000681	0.000792	0.00206	3.28E-12
2056 Sep	62.7	0.0441	0.0136	0.00113	13.4	0.0265	4.66	0.00113	0.00113	0.00000565	0.00803	0.00138	0.0109	0.0251	0.00000565	20.9	0.0000229	0.000317	0.000325	0.000976	0.0756	0.0000113	1.49	2.72	0.0524	0.000211	5	0.00143	0.0566	0.000428	0.000226	0.0000817	0.108	0.00000226	0.0000697	0.000809	0.0021	3.35E-12
2056 Oct	61.9	0.044	0.0134	0.00112	13.2	0.0263	4.6	0.00112	0.00112	0.00000558	0.00794	0.00137	0.0108	0.0248	0.00000558	20.6	0.0000226	0.000313	0.00032	0.000965	0.0746	0.0000112	1.47	2.68	0.0516	0.000211	4.94	0.00141	0.0559	0.000421	0.000223	0.0000806	0.107	0.00000223	0.000069	0.000797	0.00207	3.3E-12
2056 Nov	61.8	0.0442	0.0134	0.00111	13.2	0.0264	4.6	0.00111	0.00111	0.00000557	0.00794	0.00137	0.0108	0.0247	0.00000557	20.6	0.0000225	0.000312	0.000319	0.000965	0.0744	0.0000111	1.47	2.67	0.0513	0.000212	4.93	0.00141	0.0559	0.000419	0.000221	0.0000804	0.106	0.00000223	0.0000691	0.000793	0.00207	3.28E-12
2056 Dec	61.8	0.0443	0.0134	0.00112	13.2	0.0264	4.61	0.00112	0.00112	0.00000558	0.00794	0.00137	0.0108	0.0247	0.00000558	20.6	0.0000225	0.000313	0.000319	0.000965	0.0744	0.0000112	1.47	2.67	0.0513	0.000213	4.93	0.00141	0.0559	0.000419	0.000221	0.0000804	0.106	0.00000223	0.0000691	0.000793	0.00207	3.28E-12
2057 Jan	61.8	0.0443	0.0134	0.00112	13.2	0.0264	4.61	0.00112	0.00112	0.00000558	0.00795	0.00137	0.0108	0.0248	0.00000558	20.6	0.0000225	0.000313	0.000319	0.000965	0.0744	0.0000112	1.47	2.68	0.0513	0.000213	4.93	0.00141	0.0559	0.000419	0.000221	0.0000804	0.107	0.00000223	0.0000691	0.000794	0.00207	3.28E-12
2057 Feb	61.9	0.0444	0.0134	0.00112	13.2	0.0264	4.61	0.00112	0.00112	0.00000558	0.00795	0.00137	0.0108	0.0248	0.00000558	20.6	0.0000225	0.000313	0.00032	0.000966	0.0745	0.0000112	1.47	2.68	0.0514	0.000213	4.93	0.00141	0.0559	0.000419	0.000221	0.0000804	0.107	0.00000223	0.0000691	0.000794	0.00207	3.28E-12
2057 Mar	61.9	0.0444	0.0134	0.00112	13.2	0.0264	4.62	0.00112	0.00112	0.00000558	0.00795	0.00137	0.0108	0.0248	0.00000558	20.6	0.0000225	0.000313	0.00032	0.000967	0.0745	0.0000112	1.47	2.68	0.0514	0.000213	4.94	0.00141	0.056	0.00042	0.000222	0.0000805	0.107	0.00000223	0.0000692	0.000795	0.00207	3.28E-12
2057 Apr	62.2	0.0446	0.0135	0.00112	13.3	0.0265	4.63	0.00112	0.00112	0.00000561	0.00798	0.00137	0.0108	0.0249	0.00000561	20.7	0.0000226	0.000314	0.000321	0.000971	0.0749	0.0000112	1.48	2.69	0.0517	0.000214	4.96	0.00142	0.0562	0.000422	0.000223	0.0000808	0.107	0.00000224	0.0000694	0.000798	0.00208	3.29E-12
2057 May	63.3	0.0454	0.0137	0.00114	13.5	0.027	4.72	0.00114	0.00114	0.0000057	0.00812	0.0014	0.011	0.0253	0.0000057	21.1	0.000023	0.00032	0.000327	0.000987	0.0762	0.0000114	1.5	2.74	0.0526	0.000217	5.05	0.00144	0.0572	0.00043	0.000226	0.0000822	0.109	0.00000228	0.0000706	0.000812	0.00211	3.34E-12
2057 Jun	59.2	0.0413	0.0129	0.00107	12.6	0.0248	4.38	0.00107	0.00107	0.00000534	0.00762	0.00131	0.0103	0.0237	0.00000534	19.7	0.0000218	0.000301	0.000307	0.00092	0.0715	0.0000107	1.41	2.56	0.0496	0.000196	4.71	0.00135	0.0535	0.000406	0.000216	0.0000772	0.102	0.00000214	0.0000657	0.000771	0.002	2.73E-12
2057 Jul	60.2	0.0417	0.0131	0.00109	12.8	0.0253	4.44	0.00109	0.00109	0.00000546	0.00779	0.00133	0.0105	0.0241	0.00000546	20	0.0000223	0.000306	0.000311	0.000937	0.0727	0.0000109	1.43	2.6	0.0502	0.000199	4.78	0.00138	0.0546	0.00041	0.000222	0.0000785	0.104	0.00000218	0.0000667	0.000784	0.00205	2.75E-12
2057 Aug	64.3	0.0446	0.014	0.00117	13.7	0.0271	4.75	0.00117	0.00117	0.00000584	0.00832	0.00142	0.0113	0.0257	0.00000584	21.4	0.0000238	0.000327	0.000332	0.001	0.0776	0.0000117	1.53	2.78	0.0536	0.000213	5.11	0.00147	0.0583	0.000438	0.000237	0.0000838	0.111	0.00000233	0.0000716	0.000837	0.00219	2.93E-12
2057 Sep	65.6	0.0455	0.0143	0.00119	13.9	0.0276	4.84	0.00119	0.00119	0.00000595	0.00848	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000333	0.000339	0.00102	0.0791	0.0000119	1.56	2.83	0.0546	0.000217	5.21	0.0015	0.0595	0.000447	0.000241	0.0000855	0.113	0.00000238	0.000073	0.000853	0.00223	2.99E-12
2057 Oct	65.4	0.0456	0.0142	0.00119	13.9	0.0276	4.83	0.00119	0.00119	0.00000594	0.00847	0.00145	0.0115	0.0261	0.00000594	21.7	0.0000242	0.000332	0.000338	0.00102	0.0789	0.0000119	1.55	2.82	0.0544	0.000218	5.2	0.0015	0.0594	0.000445	0.00024	0.0000852	0.112	0.00000237	0.0000729	0.000849	0.00222	2.97E-12
2057 Nov	65.5	0.0459	0.0142	0.00119	13.9	0.0277	4.85	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000332	0.000338	0.00102	0.079	0.0000119	1.56	2.83	0.0544	0.00022	5.21	0.0015	0.0595	0.000444	0.00024	0.0000852	0.113	0.00000238	0.0000732	0.000849	0.00222	2.97E-12
2057 Dec	65.5	0.046	0.0142	0.00119	13.9	0.0278	4.85	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000332	0.000338	0.00102	0.079	0.0000119	1.56	2.83	0.0544	0.00022	5.21	0.0015	0.0595	0.000444	0.00024	0.0000852	0.113	0.00000238	0.0000732	0.000849	0.00223	2.97E-12
2058 Jan	65.5	0.046	0.0142	0.00119	13.9	0.0278	4.85	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000333	0.000338	0.00102	0.079	0.0000119	1.56	2.83	0.0544	0.00022	5.21	0.0015	0.0595	0.000444	0.00024	0.0000852	0.113	0.00000238	0.0000732	0.000849	0.00222	2.97E-12
2058 Feb	65.5	0.0461	0.0142	0.00119	13.9	0.0278	4.85	0.00119	0.00119	0.00000595	0.00849	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000333	0.000338	0.00102	0.079	0.0000119	1.56	2.83	0.0544	0.00022	5.21	0.0015	0.0595	0.000444	0.00024	0.0000852	0.113	0.00000238	0.0000732	0.000849	0.00222	2.97E-12
2058 Mar	65.6	0.0461	0.0142	0.00119	14	0.0278	4.85	0.00119	0.00119	0.00000595	0.0085	0.00145	0.0115	0.0262	0.00000595	21.8	0.0000243	0.000333	0.000338	0.00102	0.0791	0.0000119	1.56	2.83	0.0544	0.00022	5.21	0.0015	0.0595	0.000444	0.00024	0.0000853	0.113	0.00000238	0.0000733	0.000849	0.00223	2.97E-12
2058 Apr	65.7	0.0462	0.0143	0.00119	14	0.0278	4.87	0.00119	0.00119	0.00000597	0.00852	0.00145	0.0115	0.0263	0.00000597	21.8	0.0000243	0.000334	0.000339	0.00102	0.0793	0.0000119	1.56	2.84	0.0546	0.000221	5.23	0.00151	0.0597	0.000445	0.00024	0.0000855	0.113	0.00000239	0.0000734	0.000852	0.00223	2.98E-12
2058 May	67.4	0.0476	0.0148	0.0012	14.4	0.0278	5.01	0.0012	0.0012	0.00000598	0.00851	0.00148	0.0115	0.0272	0.00000598	22.6	0.0000244	0.000342	0.000355	0.00104	0.0816	0.000012	1.6	2.94	0.0575	0.000222	5.37	0.00153	0.0601	0.000471	0.000242	0.0000882	0.117	0.00000239	0.0000742	0.000879	0.00223	2.87E-12
2058 Jun	65.6	0.0471	0.0149	0.00106	14.4	0.0241	4.97	0.00106	0.00106	0.00000532	0.0075	0.00142	0.01	0.0274	0.00000532	22.6	0.0000219	0.000332	0.000376	0.000992	0.0806	0.0000106	1.55	2.98	0.0617	0.000198	5.29	0.00145	0.0547	0.000515	0.00022	0.000088	0.118	0.00000213	0.0000681	0.000879	0.00198	2.1E-12
2058 Jul	67.3	0.0483	0.0153	0.00109	14.7	0.0247	5.1	0.00109	0.00109	0.00000546	0.0077	0.00145	0.0103	0.0281	0.00000546	23.1	0.0000225	0.00034	0.000385	0.00102	0.0827	0.0000109	1.59	3.06	0.0632	0.000203	5.43	0.00149	0.0561	0.000528	0.000226	0.0000902	0.121	0.00000218	0.0000699	0.000901	0.00203	2.15E-12
2058 Aug	70.1	0.0503	0.0159	0.00114	15.3	0.0258	5.31	0.00114	0.00114	0.00000568	0.00801	0.00152	0.0107	0.0292	0.00000568	24.1	0.0000234	0.000354	0.000401	0.00106	0.0861	0.0000114	1.66	3.18	0.0658	0.000212	5.65	0.00155	0.0585	0.000549	0.000236	0.0000939	0.126	0.00000227	0.0000728	0.000937	0.00212	2.24E-12
2058 Sep	70.2	0.0506	0.0159	0.00114	15.4	0.0259	5.32	0.00114	0.00114	0.0000057	0.00804	0.00152	0.0108	0.0293	0.0000057	24.1	0.0000234	0.000355	0.000401	0.00106	0.0861	0.0000114	1.66	3.19	0.0657	0.000214	5.66	0.00155	0.0586	0.000549	0.000235	0.000094	0.126	0.00000228	0.000073	0.000937	0.00212	2.24E-12
2058 Oct	69.9	0.0509	0.0158	0.00114	15.3	0.026	5.31	0.00114	0.00114	0.00000568	0.00803	0.00151	0.0107	0.0292	0.00000568	24	0.0000233	0.000353	0.000399	0.00106	0.0858	0.0000114	1.66	3.17	0.0653	0.000216	5.64	0.00155	0.0585	0.000545	0.000234	0.0000935	0.125	0.00000227	0.000073	0.000931	0.00211	2.22E-12
2058 Nov	70.1	0.0511	0.0158	0.00114	15.4	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24.1	0.0000234	0.000354	0.0004	0.00106	0.0859	0.0000114	1.66	3.18	0.0654	0.000217	5.65	0.00155	0.0586	0.000545	0.000234	0.0000937	0.126	0.00000228	0.0000732	0.000933	0.00211	2.22E-12
2058 Dec	70.1	0.0511	0.0158	0.00114	15.4	0.0261	5.32	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24.1	0.0000234	0.000354	0.0004	0.00106	0.0859	0.0000114	1.66	3.18	0.0654	0.000217	5.66	0.00155	0.0586	0.000545	0.000234	0.0000937	0.126	0.00000228	0.0000732	0.000933	0.00212	2.22E-12
2059 Jan	70.1	0.0511	0.0158	0.00114	15.4	0.0261	5.33	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24.1	0.0000234	0.000354	0.0004	0.00106	0.0859	0.0000114	1.66	3.18	0.0654	0.000217	5.66	0.00155	0.0586	0.000545	0.000234	0.0000937	0.126	0.00000228	0.0000732	0.000933	0.00211	2.22E-12
2059 Feb	70.1	0.0511	0.0158	0.00114	15.4	0.0261	5.33	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24.1	0.0000234	0.000354	0.0004	0.00106	0.086	0.0000114	1.66	3.18	0.0654	0.000217	5.66	0.00155	0.0587	0.000545	0.000234	0.0000937	0.126	0.00000228	0.0000732	0.000933	0.00211	2.22E-12
2059 Mar	70.1	0.0512	0.0158	0.00114	15.4	0.0261	5.33	0.00114	0.00114	0.0000057	0.00805	0.00152	0.0108	0.0292	0.0000057	24.1	0.0000234	0.000354	0.0004	0.00106	0.086	0.0000114	1.66	3.18	0.0654	0.000217	5.66	0.00155	0.0587	0.000545	0.000234	0.0000937	0.126	0.00000228	0.0000732	0.000933	0.00212	2.22E-12
2059 Apr	70.3	0.0513	0.0159	0.00114	15.4	0.0262	5.34	0.00114	0.00114	0.00000572	0.00807	0.00152	0.0108	0.0293	0.00000572	24.2	0.0000234	0.000355	0.000401	0.00107	0.0862	0.0000114	1.66	3.19	0.0656	0.000218	5.68	0.00155	0.0588	0.000547	0.000235

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00004487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.00000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2062 Jun	71.5	0.0569	0.016	0.00113	16	0.0271	5.55	0.00113	0.00113	0.00000565	0.008	0.00154	0.0108	0.0299	0.00000565	24.7	0.0000227	0.000357	0.000409	0.00108	0.0868	0.0000113	1.69	3.26	0.0666	0.000243	5.81	0.00155	0.0589	0.000554	0.000221	0.0000948	0.129	0.00000226	0.0000748	0.000926	0.00204	1.14E-12
2062 Jul	68.9	0.0535	0.0153	0.00112	15.2	0.0266	5.29	0.00112	0.00112	0.00000559	0.00794	0.00149	0.0107	0.0286	0.00000559	23.6	0.0000226	0.000346	0.000387	0.00105	0.0835	0.0000112	1.63	3.11	0.0629	0.000232	5.57	0.00151	0.0578	0.000521	0.000221	0.000091	0.123	0.00000224	0.0000729	0.000894	0.00204	1.06E-12
2062 Aug	69.7	0.0543	0.0154	0.00113	15.4	0.0272	5.36	0.00113	0.00113	0.00000567	0.00804	0.0015	0.0109	0.0289	0.00000567	23.9	0.0000227	0.000349	0.00039	0.00106	0.0843	0.0000113	1.65	3.14	0.0633	0.000239	5.64	0.00153	0.0585	0.000524	0.000222	0.000092	0.124	0.00000227	0.000074	0.000898	0.00206	1.06E-12
2062 Sep	68.5	0.0542	0.0151	0.00112	15.2	0.0271	5.29	0.00112	0.00112	0.00000559	0.00793	0.00148	0.0108	0.0283	0.00000559	23.5	0.0000223	0.000343	0.000381	0.00105	0.0827	0.0000112	1.62	3.08	0.0617	0.00024	5.55	0.0015	0.0577	0.00051	0.000217	0.0000902	0.122	0.00000224	0.0000731	0.000876	0.00202	1.03E-12
2062 Oct	63	0.0554	0.0134	0.00104	14.1	0.0269	4.96	0.00104	0.00104	0.00000521	0.0075	0.00136	0.0102	0.0258	0.00000521	21.5	0.0000204	0.000311	0.000339	0.000979	0.075	0.0000104	1.48	2.8	0.054	0.000252	5.12	0.00137	0.0542	0.000441	0.000188	0.0000809	0.111	0.00000208	0.0000698	0.000771	0.00183	8.9E-13
2062 Nov	63.1	0.0559	0.0134	0.00104	14.1	0.027	4.96	0.00104	0.00104	0.00000522	0.00752	0.00136	0.0102	0.0257	0.00000522	21.5	0.0000204	0.000311	0.000338	0.000981	0.0749	0.0000104	1.48	2.79	0.0538	0.000255	5.12	0.00137	0.0543	0.000439	0.000188	0.0000807	0.111	0.00000209	0.00007	0.000769	0.00183	8.86E-13
2062 Dec	63.1	0.0559	0.0134	0.00104	14.1	0.027	4.97	0.00104	0.00104	0.00000522	0.00752	0.00136	0.0102	0.0257	0.00000522	21.5	0.0000204	0.000311	0.000338	0.000981	0.0749	0.0000104	1.48	2.79	0.0537	0.000255	5.12	0.00137	0.0543	0.000439	0.000187	0.0000807	0.111	0.00000209	0.00007	0.000768	0.00183	8.86E-13
2063 Jan	63.1	0.0559	0.0134	0.00104	14.1	0.0271	4.97	0.00104	0.00104	0.00000522	0.00752	0.00136	0.0102	0.0258	0.00000522	21.5	0.0000204	0.000311	0.000338	0.000981	0.0749	0.0000104	1.48	2.79	0.0538	0.000255	5.12	0.00137	0.0544	0.000439	0.000187	0.0000807	0.111	0.00000209	0.0000701	0.000769	0.00183	8.86E-13
2063 Feb	63.1	0.056	0.0134	0.00104	14.1	0.0271	4.97	0.00104	0.00104	0.00000522	0.00752	0.00136	0.0102	0.0258	0.00000522	21.5	0.0000204	0.000311	0.000338	0.000981	0.0749	0.0000104	1.48	2.8	0.0538	0.000255	5.12	0.00137	0.0544	0.000439	0.000188	0.0000808	0.111	0.00000209	0.0000701	0.000769	0.00183	8.85E-13
2063 Mar	63.1	0.056	0.0134	0.00104	14.1	0.0271	4.97	0.00104	0.00104	0.00000522	0.00752	0.00136	0.0102	0.0258	0.00000522	21.5	0.0000204	0.000311	0.000338	0.000982	0.075	0.0000104	1.48	2.8	0.0538	0.000255	5.13	0.00137	0.0544	0.000439	0.000188	0.0000808	0.111	0.00000209	0.0000701	0.000769	0.00183	8.86E-13
2063 Apr	63.3	0.0561	0.0134	0.00105	14.2	0.0271	4.98	0.00105	0.00105	0.00000523	0.00754	0.00137	0.0103	0.0258	0.00000523	21.5	0.0000205	0.000312	0.000339	0.000984	0.0751	0.0000105	1.49	2.8	0.054	0.000256	5.14	0.00138	0.0545	0.00044	0.000188	0.000081	0.111	0.00000209	0.0000702	0.000771	0.00183	8.87E-13
2063 May	64.3	0.0568	0.0137	0.00105	14.4	0.0272	5.07	0.00105	0.00105	0.00000527	0.00758	0.00139	0.0103	0.0264	0.00000527	22	0.0000206	0.000317	0.000348	0.000998	0.0766	0.0000105	1.51	2.86	0.0556	0.000256	5.23	0.0014	0.055	0.000455	0.00019	0.0000826	0.114	0.00000211	0.0000709	0.000788	0.00185	8.76E-13
2063 Jun	59.1	0.0492	0.013	0.000946	13.2	0.0232	4.61	0.000946	0.000946	0.00000473	0.00677	0.00127	0.00911	0.0246	0.00000473	20.3	0.00001	0.000294	0.000332	0.000903	0.0713	0.00000946	1.39	2.67	0.0537	0.000213	4.8	0.00128	0.0494	0.000444	0.000181	0.0000774	0.106	0.00000189	0.0000632	0.000753	0.00169	6.18E-13
2063 Jul	59.1	0.0489	0.013	0.000951	13.2	0.0233	4.6	0.000951	0.000951	0.00000476	0.0068	0.00127	0.00916	0.0245	0.00000476	20.3	0.00001191	0.000294	0.00033	0.000903	0.0713	0.00000951	1.39	2.66	0.0534	0.000212	4.79	0.00129	0.0496	0.000441	0.000182	0.0000773	0.105	0.00000019	0.0000633	0.000753	0.00171	6.12E-13
2063 Aug	62.1	0.0514	0.0136	0.001	13.9	0.0246	4.84	0.001	0.001	0.00000501	0.00716	0.00134	0.00965	0.0257	0.00000501	21.3	0.00001201	0.000309	0.000347	0.00095	0.0749	0.00001	1.46	2.8	0.056	0.000224	5.04	0.00135	0.0522	0.000463	0.000191	0.0000813	0.111	0.000002	0.0000666	0.000791	0.0018	6.43E-13
2063 Sep	62.4	0.052	0.0136	0.00101	13.9	0.0251	4.87	0.00101	0.00101	0.00000505	0.00721	0.00134	0.00978	0.0258	0.00000505	21.4	0.00002	0.00031	0.000347	0.000957	0.075	0.0000101	1.47	2.81	0.0559	0.00023	5.07	0.00136	0.0525	0.000461	0.000191	0.0000816	0.111	0.00000202	0.0000672	0.000788	0.0018	6.39E-13
2063 Oct	61.6	0.0518	0.0134	0.000997	13.8	0.0249	4.81	0.000997	0.000997	0.00000499	0.00713	0.00133	0.00968	0.0254	0.00000499	21.1	0.00001198	0.000306	0.000341	0.000945	0.0739	0.0000997	1.45	2.76	0.0548	0.00023	5	0.00134	0.0519	0.000452	0.000187	0.0000803	0.11	0.00000199	0.0000665	0.000773	0.00177	6.26E-13
2063 Nov	61.5	0.0522	0.0133	0.000997	13.8	0.0251	4.82	0.000997	0.000997	0.00000499	0.00714	0.00133	0.00969	0.0254	0.00000499	21.1	0.00001197	0.000305	0.000339	0.000946	0.0737	0.0000997	1.45	2.76	0.0545	0.000232	5	0.00134	0.052	0.000449	0.000186	0.00008	0.109	0.00000199	0.0000666	0.00077	0.00177	6.22E-13
2063 Dec	61.6	0.0523	0.0133	0.000998	13.8	0.0251	4.82	0.000998	0.000998	0.00000499	0.00714	0.00133	0.0097	0.0254	0.00000499	21.1	0.00001197	0.000305	0.000339	0.000946	0.0737	0.0000998	1.45	2.76	0.0545	0.000232	5	0.00134	0.052	0.000449	0.000186	0.00008	0.109	0.000002	0.0000667	0.00077	0.00177	6.22E-13
2064 Jan	61.6	0.0523	0.0134	0.000998	13.8	0.0251	4.82	0.000998	0.000998	0.00000499	0.00715	0.00133	0.0097	0.0254	0.00000499	21.1	0.00001197	0.000305	0.000339	0.000947	0.0738	0.0000998	1.45	2.76	0.0545	0.000233	5	0.00134	0.052	0.000449	0.000186	0.00008	0.109	0.000002	0.0000667	0.00077	0.00177	6.22E-13
2064 Feb	61.6	0.0524	0.0134	0.000998	13.8	0.0251	4.82	0.000998	0.000998	0.00000499	0.00715	0.00133	0.0097	0.0254	0.00000499	21.1	0.00001197	0.000305	0.00034	0.000947	0.0738	0.0000998	1.45	2.76	0.0546	0.000233	5	0.00134	0.052	0.000449	0.000186	0.0000801	0.109	0.000002	0.0000667	0.00077	0.00177	6.22E-13
2064 Mar	61.7	0.0525	0.0134	0.001	13.8	0.0251	4.83	0.001	0.001	0.000005	0.00716	0.00133	0.00971	0.0255	0.000005	21.1	0.00001198	0.000306	0.00034	0.000948	0.0739	0.00001	1.45	2.77	0.0547	0.000233	5.01	0.00134	0.0521	0.00045	0.000186	0.0000802	0.11	0.000002	0.0000668	0.000771	0.00177	6.23E-13
2064 Apr	61.9	0.0526	0.0134	0.001	13.8	0.0252	4.84	0.001	0.001	0.00000501	0.00717	0.00133	0.00974	0.0255	0.00000501	21.2	0.00001198	0.000307	0.00034	0.000951	0.0741	0.00001	1.46	2.77	0.0548	0.000234	5.02	0.00135	0.0522	0.000451	0.000187	0.0000804	0.11	0.000002	0.000067	0.000773	0.00178	6.24E-13
2064 May	63.3	0.0535	0.0139	0.001	14.2	0.025	4.97	0.001	0.001	0.00000502	0.00716	0.00136	0.00969	0.0264	0.00000502	21.8	0.00001199	0.000314	0.000357	0.000967	0.0762	0.00001	1.49	2.87	0.0576	0.000232	5.15	0.00137	0.0526	0.000476	0.000189	0.0000829	0.113	0.00000201	0.0000675	0.0008	0.00178	5.95E-13
2064 Jun	63.2	0.0522	0.0143	0.000938	14.3	0.0226	4.99	0.000938	0.000938	0.00000469	0.00662	0.00134	0.00887	0.027	0.00000469	22.2	0.00001188	0.000314	0.000378	0.000946	0.0773	0.00000938	1.49	2.95	0.0618	0.000211	5.18	0.00135	0.0499	0.000518	0.000183	0.0000847	0.116	0.00000188	0.0000642	0.000824	0.00167	4.62E-13
2064 Jul	65.6	0.0542	0.0149	0.000974	14.9	0.0235	5.17	0.000974	0.000974	0.00000487	0.00688	0.00139	0.00921	0.028	0.00000487	23	0.00001196	0.000326	0.000392	0.000983	0.0802	0.00000974	1.54	3.06	0.0641	0.000219	5.37	0.0014	0.0518	0.000537	0.00019	0.0000879	0.12	0.00000195	0.0000666	0.000855	0.00174	4.79E-13
2064 Aug	66.8	0.0551	0.0151	0.000995	15.2	0.0241	5.27	0.000995	0.000995	0.00000497	0.00701	0.00142	0.00942	0.0285	0.00000497	23.4	0.00001199	0.000332	0.000398	0.001	0.0816	0.00000995	1.57	3.11	0.0651	0.000225	5.47	0.00142	0.0528	0.000545	0.000193	0.0000894	0.123	0.00000199	0.0000668	0.000868	0.0017	4.85E-13
2064 Sep	65.6	0.0546	0.0147	0.000984	14.9	0.0243	5.19	0.000984	0.000984	0.00000492	0.00691	0.0014	0.0094	0.0279	0.00000492	23	0.00001193	0.000325	0.000387	0.000986	0.0797	0.00000984	1.54	3.04	0.0631	0.000228	5.38	0.0014	0.0521	0.000527	0.000187	0.0000875	0.12	0.00000197	0.0000672	0.00084	0.00174	4.69E-13
2064 Oct	65.8	0.0551	0.0148	0.000988	15	0.0245	5.21	0.000988	0.000988	0.00000494	0.00695	0.0014	0.00945	0.028	0.00000494	23.1	0.00001194	0.000326	0.000388	0.000991	0.0799	0.00000988	1.55	3.05	0.0632	0.000231	5.4	0.0014	0.0523	0.000528	0.000187	0.0000878	0.12	0.00000198	0.0000676	0.000842	0.00174	4.69E-13
2064 Nov	66.1	0.0553	0.0148	0.000992	15	0.0246	5.23	0.000992	0.000992	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.1	0.00001195	0.000327	0.000389	0.000995	0.0802	0.00000992	1.55	3.06	0.0634	0.000232	5.42	0.00141	0.0525	0.000529	0.000188	0.0000881	0.121	0.00000198	0.0000678	0.000845	0.00175	4.71E-13
2064 Dec	66.1	0.0554	0.0148	0.000993	15	0.0246	5.23	0.000993	0.000993	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.2	0.00001195	0.000327	0.000389	0.000995	0.0802	0.00000993	1.55	3.06	0.0634	0.000232	5.42	0.00141	0.0525	0.000529	0.000188	0.0000881	0.121	0.00000199	0.0000679	0.000845	0.00175	4.71E-13
2065 Jan	66.1	0.0554	0.0148	0.000993	15	0.0246	5.24	0.000993	0.000993	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.2	0.00001195	0.000327	0.000389	0.000995	0.0802	0.00000993	1.55	3.06	0.0634	0.000232	5.42	0.00141	0.0526	0.000529	0.000188	0.0000881	0.121	0.00000199	0.0000679	0.000845	0.00175	4.71E-13
2065 Feb	66.1	0.0554	0.0148	0.000993	15	0.0246	5.24	0.000993	0.000993	0.00000496	0.00698	0.00141	0.00949	0.0281	0.00000496	23.2	0.00001195	0.000328	0.00039	0.000995	0.0803	0.00000993	1.56	3.06	0.0634	0.000232	5.42	0.00141	0.0526	0.00053	0.000188	0.0000881	0.121	0.00000199	0.0000679	0.000845	0.00175	4.71E-13
2065 Mar	66.2	0.0555	0.0149	0.000994	15.1	0.0246	5.25	0.000994	0.000994	0.00000497	0.00699	0.00141	0.00951	0.0281	0.00000497	23.2	0.00001195	0.000328	0.00039	0.000997	0.0804	0.00000994	1.56	3.07	0.0635	0.000232	5.43	0.00141	0.0526	0.00053	0.000188	0.0000883	0.121	0.00000199	0.000068	0.000847	0.00175	4.71E-13
2065 Apr	66.5	0.0557	0.0149	0.000999	15.1	0.0247	5.27	0.000999	0.000999	0.00000499	0.00702	0.00142	0.00955	0.0283	0.00000499	23.3	0.00001196	0.00033	0.000392	0.001	0.0807	0.00000999	1.56	3.08	0.0638	0.000233	5.45	0.00142	0.0529	0.000533	0.000189	0.0000887	0.122	0.000002	0.0000683	0.00085	0.00176	4.73E-13
2065 May	67.7	0.0565	0.0152	0.00101	15.4	0.0249	5.36	0.00101	0.00101	0.00000504	0.00709	0.00144	0.00962	0.0288	0.00000504	23.7	0.00001198	0.000335	0.000401	0.00102	0.0822	0.00001011	1.59	3.14	0.0653	0.000235	5.55	0.00144	0.0535	0.000546	0.000192	0.0000903	0.124	0.00000202	0.0000691	0.000867	0.00178	4.7E-13
2065 Jun	64.4	0.0525	0.0146	0.000961	14.6	0.0232	5.07	0.000961	0.000961	0.00000481	0.00675	0.00137	0.00913	0.0274	0.00000481	22.6	0.00001191	0.00032	0.000383	0.000964	0.0785	0.00000961	1.51	2.99	0.0626	0.000216	5.27	0.00137	0.0509	0.000525	0.000187	0.0000863	0.118	0.00000192	0.0000654	0.000836	0.00171	3.97E-13
2065 Jul	67.7	0.055	0.0153	0.00102	15.3	0.0245	5.33	0.00102	0.00102	0.00000508	0.00714	0.00144	0.00966	0.0288	0.00000508	23.7	0.00002003	0.000337	0.000402	0.00102	0.0826	0.0000102	1.59	3.15	0.0657	0.000227	5.54	0.00145	0.0537	0.00055	0.000198	0.0000908	0.124	0.00000203	0.0000689	0.00088	0.00182	4.16E-13
2065 Aug	71.1	0.0577	0.0161	0.00107	16.1	0.0258	5.59	0.00107	0.00107	0.00000534	0.0075	0.00151	0.0101	0.0302	0.00000534	24.9	0.00002012	0.000354	0.000421	0.00107	0.0866	0.0000107	1.67	3.3	0.0689	0.000239	5.81	0.00152	0.0564	0.000576	0.000208	0.0000952	0.13	0.00000214	0.0000724	0.000922	0.0019	4.35E-13
2065 Sep	69	0.0575	0.0155	0.00104	15.7	0.0257	5.45	0.00104	0.00104	0.00000521	0.00735	0.00147	0.00997	0.0292	0.00000521	24.1	0.00002006	0.000342	0.000405	0.00104	0.0837	0.0000104	1.62	3.19	0.0659	0.000241	5.65	0.00147	0.0551	0.00055	0.000198	0.0000919	0.126	0.00000208	0.000071	0.000883	0.00184	4.15E-13
2065 Oct	64.7	0.0581	0.0141	0.000992	14.8	0.0256	5.18	0.000992	0.000992	0.00000496	0.00707	0.00138	0.0096	0.0272	0.00000496	22.5	0.00001193	0.000318	0.00037	0.000988	0.0777	0.00000992	1.52	2.96	0.0595	0.00025	5.31	0.00138	0.0527	0.000493	0.000179	0.0000846	0.117	0.00000198	0.0000687	0.000802	0.00171	3.72E-13
2065 Nov	64.4	0.0584	0.014	0.000989	14.7	0.0258	5.16	0.000989	0.000989	0.00000494	0.00707	0.00137	0.0096	0.027	0.00000494	22.4	0.00001192	0.000316	0.000367	0.000985	0.0772	0.00000989	1.51	2.94	0.0589	0.000252	5.28	0.00137	0.0526	0.000487	0.000177	0.0000839	0.116	0.00000198	0.0000686	0.000794	0.0017	3.67E-13
2065 Dec	64.4	0.0585	0.014	0.000989	14.7	0.0258	5.16	0.000989	0.000989	0.00000495	0.00707	0.00137	0.0096	0.027	0.00000495	22.4	0.00001192	0.000316	0.000367	0.000986	0.0772	0.00000989	1.51	2.94	0.0589	0.000253	5.28	0.00137	0.0526	0.000487	0.000177	0.0000839	0.116	0.00000198	0.0000687	0.000794	0.0017	3.67E-13
2066 Jan	64.4	0.0585	0.014	0.000989	14.7	0.0258	5.17	0.000989	0.000989	0.00000495	0.00707	0.00137	0.0096	0.027	0.00000495	22.4	0.00001192	0.000316	0.000367	0.000986	0.0772	0.00000989	1.51	2.94	0.0589	0.000253	5.29	0.00137	0.0526	0.000487	0.000177	0.0000839	0.116	0.00000198	0.0000687	0.000794	0.0017	3.67E-13
2066 Feb	64.5	0.0586	0.014	0.00099	14.7	0.0258	5.17	0.00099	0.00099	0.00000495	0.00707	0.00138	0.0096	0.027	0.00000495	22.4	0.00001192	0.000316	0.000367	0.000986	0.0772	0.00000099	1.51	2.94	0.0589	0.000253	5.29	0.00137	0.0526	0.000488	0.000177	0.0000839	0.116	0.00000198	0.0000687	0.000795	0.0017	3.67E-13
2066 Mar	64.6	0.0587	0.014	0.000992	14.8	0.0258	5.18	0.000992	0.000992	0.00000496	0.00709	0.00138	0.00963	0.0271	0.00000496	22.5	0.00001192	0.000317	0.000368	0.000989	0.0774	0.00000992	1.52	2.95	0.0591	0.000254	5.3	0.00137	0.0528	0.000489	0.000177	0.0000841	0.117	0.00000198	0.0000689	0.000796	0.00171	3.68E-13
2066 Apr	64.8	0.0589	0.0141	0.000995	14.8	0.0259	5.2	0.000995	0.000995	0.00000497	0.00711	0.00138	0.00965	0.0272	0.00000497	22.5	0.00001193	0.000318	0.000369	0.000992	0.0777	0.00000995	1.52	2.96	0.0593	0.000254	5.32	0.00138	0.0529	0.00049	0.000178	0.0000844	0.117	0.00000199	0.0000691	0.000799	0.00171	3.69E-13
2066 May	65.6	0.0596	0.0143	0.00101	15	0.0262	5.26	0.00101	0.00101	0.00000503	0.00719	0.0014	0.00976	0.0275	0.00000503	22.8	0.00001195	0.000322	0.000374	0.001	0.0786	0.0000101	1.54	3	0.06	0.000257	5.38	0.00139	0.0535	0.000496	0.00018	0.0000854	0.118	0.00000201	0.0000699	0.000809	0.00173	3.72E-13
2066 Jun	59	0.0502	0.0129	0.00095	13.2	0.0237	4.62	0.00095	0.00095	0.00000475	0.00681	0.00127	0.00921	0.0244	0.00000475	20.3	0.00001189	0.000293	0.000328	0.000905	0.0709	0.0000095	1.39	2.66	0.0528	0.00022	4.79	0.00128	0.0496	0.000435	0.000178	0.0000769	0.105	0.0000019	0.0000637	0.000743	0.00169	2.89E-13
2066 Jul	62	0.0523	0.0135	0.00101	13.8	0.0251	4.84	0.00101	0.00101	0.00000504	0.00722	0.00134	0.00976	0.0256	0.00000504	21.2	0.00002001	0.000308	0.000342	0.000953	0.0745	0.00001011	1.46	2.78	0.0551	0.000231	5.03	0.00135	0.0525	0.000454	0.000189	0.0000807	0.11	0.00000201	0.0000671	0.00078	0.0018	3E-13
2066 Aug	65.1	0.0548	0.0141	0.00106	14.5	0.0264	5.08	0.00106	0.00106	0.00000529	0.00757	0.0014	0.0102	0.0268	0.00000529	22.3	0.00002021	0.000323	0.00035	0.001	0.0781	0.0000106	1.53	2.92	0.0577	0.000243	5.28	0.00142	0.0551	0.000476	0.000199	0.0000846	0.116	0.00000211	0.0000704	0.000817	0.00188	3.14E-13
2066 Sep	65.2	0.0556	0.0141	0.00106	14.6	0.0267	5.1	0.00106	0.00106	0.00000531	0.00761	0.00141	0.0103	0.0269	0.00000531	22.3	0.00002021	0.000323	0.000358	0.001	0.0781	0.0000106	1.53	2.92	0.0575	0.000247	5.29	0.00142	0.0553	0.000474	0.000198	0.0000846	0.116	0.00000212	0.0000709	0.000815	0.00188	3.13E-13
2066 Oct	63.9	0.0556	0.0137	0.00104	14.3	0.0266	5.02	0.00104	0.00104	0.00000522	0.0075	0.00138	0.0102	0.0263	0.00000522	21.8	0.0000206	0.000316	0.000348	0.000988	0.0763	0.0000104	1.5	2.85	0.0557	0.000249	5.19	0.00139	0.0544	0.000458	0.000191	0.0000824	0.113	0.00000209	0.00007	0.000791	0.00184	3.02E-13
2066 Nov	63.7	0.0559

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00004487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2069 Dec	64	0.0584	0.0135	0.00105	14.4	0.0275	5.08	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0262	0.00000524	21.8	0.0000205	0.000313	0.000345	0.001	0.0762	0.0000105	1.5	2.85	0.0548	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000776	0.00182	1.51E-13
2070 Jan	64	0.0584	0.0135	0.00105	14.4	0.0275	5.08	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0262	0.00000524	21.9	0.0000205	0.000313	0.000345	0.001	0.0762	0.0000105	1.5	2.85	0.0548	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000776	0.00182	1.51E-13
2070 Feb	64	0.0584	0.0135	0.00105	14.4	0.0275	5.09	0.00105	0.00105	0.00000524	0.00757	0.00138	0.0102	0.0263	0.00000524	21.9	0.0000205	0.000313	0.000346	0.001	0.0763	0.0000105	1.5	2.85	0.0549	0.000262	5.21	0.00139	0.055	0.000449	0.000186	0.0000816	0.113	0.00000209	0.0000712	0.000777	0.00182	1.51E-13
2070 Mar	64.1	0.0585	0.0136	0.00105	14.4	0.0275	5.09	0.00105	0.00105	0.00000524	0.00758	0.00138	0.0102	0.0263	0.00000524	21.9	0.0000205	0.000314	0.000346	0.001	0.0763	0.0000105	1.5	2.85	0.0549	0.000262	5.22	0.00139	0.0551	0.00045	0.000186	0.0000817	0.113	0.00000221	0.0000713	0.000778	0.00182	1.51E-13
2070 Apr	64.4	0.0588	0.0136	0.00105	14.5	0.0276	5.11	0.00105	0.00105	0.00000526	0.00761	0.00139	0.0102	0.0264	0.00000526	22	0.0000206	0.000315	0.000348	0.00101	0.0767	0.0000105	1.51	2.87	0.0552	0.000263	5.24	0.00139	0.0553	0.000452	0.000186	0.000082	0.114	0.00000221	0.0000716	0.000781	0.00183	1.52E-13
2070 May	65.7	0.0596	0.014	0.00106	14.8	0.0277	5.22	0.00106	0.00106	0.00000531	0.00767	0.00142	0.0103	0.0271	0.00000531	22.5	0.0000208	0.000322	0.000358	0.00102	0.0784	0.0000106	1.54	2.94	0.0571	0.000265	5.35	0.00142	0.056	0.000468	0.00019	0.0000884	0.116	0.00000213	0.0000724	0.000802	0.00185	1.5E-13
2070 Jun	66	0.0585	0.0144	0.00102	15	0.026	5.25	0.00102	0.00102	0.00000511	0.00732	0.00141	0.00979	0.0277	0.00000511	22.9	0.0000202	0.000324	0.000377	0.00101	0.0797	0.0000102	1.55	3.02	0.0606	0.000249	5.4	0.00141	0.0543	0.000503	0.000188	0.000086	0.119	0.00000204	0.0000703	0.000827	0.00179	1.29E-13
2070 Jul	69	0.0611	0.0151	0.00107	15.6	0.0272	5.49	0.00107	0.00107	0.00000535	0.00767	0.00148	0.0103	0.0289	0.00000535	23.9	0.0000211	0.000339	0.000393	0.00106	0.0833	0.0000107	1.62	3.15	0.0633	0.00026	5.64	0.00148	0.0568	0.000525	0.000197	0.0000899	0.124	0.00000214	0.0000736	0.000865	0.00187	1.34E-13
2070 Aug	71.2	0.063	0.0155	0.00111	16.1	0.0282	5.67	0.00111	0.00111	0.00000553	0.00792	0.00153	0.0106	0.0298	0.00000553	24.7	0.0000218	0.00035	0.000405	0.00109	0.086	0.0000111	1.67	3.25	0.0652	0.000269	5.83	0.00152	0.0587	0.000541	0.000203	0.0000928	0.128	0.00000221	0.000076	0.000891	0.00193	1.38E-13
2070 Sep	69.9	0.0634	0.0151	0.00109	15.9	0.0283	5.58	0.00109	0.00109	0.00000545	0.00783	0.0015	0.0105	0.0292	0.00000545	24.2	0.0000214	0.000342	0.000394	0.00108	0.084	0.0000109	1.64	3.18	0.0631	0.000273	5.72	0.00149	0.058	0.000522	0.000196	0.0000904	0.125	0.00000218	0.0000753	0.000863	0.00189	1.33E-13
2070 Oct	68	0.0634	0.0146	0.00107	15.5	0.0282	5.46	0.00107	0.00107	0.00000534	0.0077	0.00146	0.0103	0.0283	0.00000534	23.5	0.0000208	0.000332	0.000379	0.00105	0.0814	0.0000107	1.59	3.08	0.0605	0.000276	5.57	0.00145	0.0568	0.000499	0.000188	0.0000874	0.122	0.00000213	0.0000741	0.000829	0.00183	1.27E-13
2070 Nov	67.9	0.0637	0.0145	0.00107	15.5	0.0283	5.46	0.00107	0.00107	0.00000534	0.0077	0.00146	0.0103	0.0282	0.00000534	23.4	0.0000207	0.000331	0.000378	0.00105	0.0812	0.0000107	1.59	3.07	0.0602	0.000278	5.57	0.00145	0.0568	0.000496	0.000187	0.0000871	0.121	0.00000213	0.0000742	0.000825	0.00183	1.27E-13
2070 Dec	67.9	0.0637	0.0145	0.00107	15.5	0.0283	5.46	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0103	0.0282	0.00000534	23.4	0.0000207	0.000331	0.000378	0.00105	0.0812	0.0000107	1.59	3.07	0.0602	0.000278	5.57	0.00145	0.0569	0.000496	0.000187	0.0000871	0.121	0.00000213	0.0000743	0.000825	0.00183	1.26E-13
2071 Jan	67.9	0.0638	0.0145	0.00107	15.5	0.0283	5.46	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0103	0.0282	0.00000534	23.5	0.0000207	0.000331	0.000378	0.00105	0.0812	0.0000107	1.59	3.07	0.0602	0.000278	5.57	0.00145	0.0569	0.000496	0.000187	0.0000871	0.121	0.00000213	0.0000743	0.000825	0.00183	1.26E-13
2071 Feb	67.9	0.0638	0.0145	0.00107	15.5	0.0283	5.47	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0103	0.0282	0.00000534	23.5	0.0000207	0.000331	0.000378	0.00105	0.0812	0.0000107	1.59	3.07	0.0602	0.000278	5.57	0.00145	0.0569	0.000496	0.000187	0.0000871	0.121	0.00000213	0.0000743	0.000825	0.00183	1.26E-13
2071 Mar	68	0.0638	0.0145	0.00107	15.5	0.0283	5.47	0.00107	0.00107	0.00000534	0.00771	0.00146	0.0103	0.0283	0.00000534	23.5	0.0000207	0.000331	0.000378	0.00105	0.0812	0.0000107	1.59	3.07	0.0602	0.000278	5.57	0.00145	0.0569	0.000496	0.000187	0.0000871	0.122	0.00000213	0.0000743	0.000826	0.00183	1.26E-13
2071 Apr	68.1	0.0639	0.0145	0.00107	15.5	0.0283	5.48	0.00107	0.00107	0.00000535	0.00772	0.00146	0.0104	0.0283	0.00000535	23.5	0.0000208	0.000332	0.000379	0.00106	0.0814	0.0000107	1.6	3.08	0.0603	0.000279	5.58	0.00145	0.057	0.000497	0.000187	0.0000873	0.122	0.00000214	0.0000744	0.000827	0.00183	1.27E-13
2071 May	68.5	0.064	0.0147	0.00107	15.6	0.0282	5.51	0.00107	0.00107	0.00000534	0.0077	0.00147	0.0103	0.0286	0.00000534	23.7	0.0000208	0.000334	0.000384	0.00106	0.082	0.0000107	1.6	3.11	0.0613	0.000277	5.62	0.00146	0.057	0.000505	0.000188	0.0000881	0.123	0.00000214	0.0000744	0.000836	0.00183	1.24E-13
2071 Jun	65.3	0.0592	0.0142	0.001	14.9	0.0258	5.23	0.001	0.001	0.00000502	0.00721	0.00139	0.00962	0.0274	0.00000502	22.7	0.0000198	0.00032	0.000374	0.001	0.0788	0.00001	1.53	2.99	0.0601	0.00025	5.35	0.00139	0.0536	0.000498	0.000182	0.0000849	0.118	0.00000201	0.0000697	0.000814	0.00174	1.04E-13
2071 Jul	66.8	0.0602	0.0145	0.00103	15.2	0.0265	5.34	0.00103	0.00103	0.00000516	0.00741	0.00143	0.0099	0.028	0.00000516	23.2	0.0000204	0.000328	0.000381	0.00103	0.0806	0.0000103	1.57	3.05	0.0612	0.000256	5.47	0.00143	0.055	0.000507	0.000188	0.0000868	0.12	0.00000206	0.0000714	0.000833	0.00179	1.06E-13
2071 Aug	69.5	0.0627	0.0151	0.00107	15.8	0.0276	5.56	0.00107	0.00107	0.00000537	0.00771	0.00149	0.0103	0.0292	0.00000537	24.1	0.0000212	0.000341	0.000396	0.00107	0.0838	0.0000107	1.63	3.18	0.0636	0.000267	5.69	0.00148	0.0573	0.000528	0.000195	0.0000904	0.125	0.00000215	0.0000744	0.000866	0.00187	1.1E-13
2071 Sep	68.2	0.0623	0.0147	0.00106	15.5	0.0275	5.46	0.00106	0.00106	0.00000529	0.0076	0.00146	0.0102	0.0285	0.00000529	23.6	0.0000207	0.000334	0.000386	0.00105	0.0819	0.0000106	1.6	3.1	0.0618	0.000267	5.58	0.00145	0.0563	0.000511	0.00019	0.0000882	0.123	0.00000211	0.0000733	0.000842	0.00183	1.07E-13
2071 Oct	67.1	0.062	0.0145	0.00104	15.3	0.0273	5.39	0.00104	0.00104	0.00000522	0.00751	0.00144	0.0101	028	0.00000522	23.2	0.0000204	0.000328	0.000378	0.00104	0.0805	0.0000104	1.57	3.05	0.0605	0.000267	5.5	0.00143	0.0556	0.0005	0.000185	0.0000866	0.121	0.00000209	0.0000725	0.000825	0.0018	1.04E-13
2071 Nov	66.9	0.0622	0.0144	0.00104	15.2	0.0274	5.37	0.00104	0.00104	0.0000052	0.0075	0.00143	0.0101	0.0279	0.0000052	23.1	0.0000203	0.000326	0.000375	0.00103	0.0801	0.0000104	1.57	3.04	0.06	0.000269	5.48	0.00142	0.0555	0.000495	0.000184	0.0000861	0.12	0.00000208	0.0000725	0.000818	0.00179	1.03E-13
2071 Dec	66.9	0.0623	0.0143	0.00104	15.2	0.0274	5.38	0.00104	0.00104	0.00000521	0.00751	0.00143	0.0101	0.0279	0.00000521	23.1	0.0000203	0.000326	0.000375	0.00103	0.0801	0.0000104	1.57	3.04	0.0599	0.000269	5.48	0.00142	0.0555	0.000495	0.000184	0.000086	0.12	0.00000208	0.0000725	0.000817	0.00179	1.03E-13
2072 Jan	66.9	0.0624	0.0144	0.00104	15.2	0.0274	5.38	0.00104	0.00104	0.00000521	0.00751	0.00143	0.0101	0.0279	0.00000521	23.1	0.0000203	0.000326	0.000375	0.00103	0.0801	0.0000104	1.57	3.04	0.0599	0.00027	5.48	0.00142	0.0555	0.000494	0.000184	0.000086	0.12	0.00000208	0.0000725	0.000817	0.00179	1.03E-13
2072 Feb	66.9	0.0624	0.0144	0.00104	15.3	0.0274	5.38	0.00104	0.00104	0.00000521	0.00751	0.00143	0.0101	0.0279	0.00000521	23.2	0.0000203	0.000326	0.000375	0.00103	0.0801	0.0000104	1.57	3.04	0.06	0.00027	5.48	0.00142	0.0556	0.000495	0.000184	0.0000861	0.12	0.00000208	0.0000726	0.000818	0.00179	1.03E-13
2072 Mar	66.9	0.0624	0.0144	0.00104	15.3	0.0274	5.38	0.00104	0.00104	0.00000521	0.00751	0.00143	0.0101	0.0279	0.00000521	23.2	0.0000203	0.000326	0.000376	0.00103	0.0801	0.0000104	1.57	3.04	0.06	0.00027	5.49	0.00143	0.0556	0.000495	0.000184	0.0000861	0.12	0.00000208	0.0000726	0.000818	0.00179	1.03E-13
2072 Apr	67.1	0.0626	0.0144	0.00104	15.3	0.0275	5.4	0.00104	0.00104	0.00000522	0.00753	0.00144	0.0101	028	0.00000522	23.2	0.0000204	0.000328	0.000377	0.00104	0.0804	0.0000104	1.57	3.05	0.0602	0.00027	5.5	0.00143	0.0557	0.000496	0.000184	0.0000864	0.12	0.00000209	0.0000728	0.000821	0.00179	1.03E-13
2072 May	68.3	0.0637	0.0147	0.00106	15.6	028	5.49	0.00106	0.00106	0.00000531	0.00766	0.00146	0.0103	0.0285	0.00000531	23.6	0.0000207	0.000333	0.000383	0.00106	0.0818	0.0000106	1.6	3.1	0.0612	0.000275	5.6	0.00145	0.0567	0.000505	0.000187	0.0000878	0.123	0.00000212	0.000074	0.000835	0.00182	1.05E-13
2072 Jun	64.5	0.0581	0.0138	0.00104	14.5	0.0269	5.11	0.00104	0.00104	0.00000521	0.00754	0.00139	0.0101	0.0266	0.00000521	22.1	0.0000206	0.000317	0.000353	0.001	0.0771	0.0000104	1.51	2.89	0.0563	0.000256	5.25	0.00139	0.0549	0.000463	0.000189	0.0000827	0.114	0.00000208	0.0000709	0.000794	0.00182	9.44E-14
2072 Jul	65.1	0.0579	0.0139	0.00107	14.6	0.0275	5.14	0.00107	0.00107	0.00000533	0.0077	0.00141	0.0103	0.0267	0.00000533	22.2	0.000021	0.00032	0.000354	0.00101	0.0779	0.0000107	1.53	2.91	0.0563	0.000258	5.3	0.00142	0.0559	0.000462	0.000193	0.0000834	0.115	0.00000213	0.0000712	0.0008	0.00187	9.36E-14
2072 Aug	64.2	0.0574	0.0135	0.00107	14.4	0.0284	5.09	0.00107	0.00107	0.00000533	0.00761	0.00139	0.0105	0.0262	0.00000533	21.9	0.0000202	0.000314	0.000341	0.001	0.0759	0.0000107	1.51	2.84	0.054	0.000269	5.23	0.0014	0.0554	0.00044	0.000185	0.000082	0.113	0.00000213	0.0000716	0.000764	0.00183	8.89E-14
2072 Sep	63	0.0569	0.0131	0.00105	14.2	0.0286	5.01	0.00105	0.00105	0.00000527	0.00749	0.00137	0.0105	0.0256	0.00000527	21.4	0.0000196	0.000307	00033	0.000989	0.074	0.0000105	1.48	2.77	0.0521	0.000273	5.14	0.00137	0.0545	0.000423	0.000178	0.0000803	0.11	0.00000211	0.0000707	0.000735	0.00179	8.53E-14
2072 Oct	60.9	0.0568	0.0125	0.00102	13.8	0.0283	4.88	0.00102	0.00102	0.00000511	0.00731	0.00132	0.0102	0.0247	0.00000511	20.7	0.0000189	0.000296	0.000316	0.000961	0.0711	0.0000102	1.43	2.67	0.0495	0.000273	4.98	0.00132	0.0531	0.0004	0.000168	0.0000769	0.106	0.00000204	0.0000692	0.0007	0.00172	8.05E-14
2072 Nov	60.7	0.0571	0.0125	0.00102	13.7	0.0283	4.87	0.00102	0.00102	0.0000051	0.0073	0.00132	0.0102	0.0245	0.0000051	20.6	0.0000189	0.000295	0.000314	0.000959	0.0708	0.0000102	1.43	2.66	0.0491	0.000275	4.96	0.00132	0.053	0.000396	0.000167	0.0000765	0.106	0.00000204	0.0000692	0.000695	0.00171	7.98E-14
2072 Dec	60.7	0.0572	0.0125	0.00102	13.7	0.0284	4.87	0.00102	0.00102	0.0000051	0.0073	0.00132	0.0102	0.0245	0.0000051	20.6	0.0000189	0.000295	0.000314	0.000959	0.0708	0.0000102	1.43	2.66	0.0491	0.000275	4.96	0.00132	0.053	0.000396	0.000167	0.0000765	0.106	0.00000204	0.0000692	0.000695	0.00171	7.97E-14
2073 Jan	60.7	0.0572	0.0125	0.00102	13.8	0.0284	4.87	0.00102	0.00102	0.0000051	0.0073	0.00132	0.0102	0.0246	0.0000051	20.6	0.0000189	0.000295	0.000314	0.00096	0.0708	0.0000102	1.43	2.66	0.0491	0.000276	4.96	0.00132	0.053	0.000396	0.000167	0.0000765	0.106	0.00000204	0.0000692	0.000695	0.00171	7.97E-14
2073 Feb	60.7	0.0572	0.0125	0.00102	13.8	0.0284	4.87	0.00102	0.00102	0.0000051	0.0073	0.00132	0.0102	0.0246	0.0000051	20.6	0.0000189	0.000295	0.000314	0.00096	0.0709	0.0000102	1.43	2.66	0.0491	0.000276	4.97	0.00132	0.053	0.000396	0.000167	0.0000765	0.106	0.00000204	0.0000692	0.000695	0.00171	7.97E-14
2073 Mar	60.8	0.0573	0.0125	0.00102	13.8	0.0284	4.88	0.00102	0.00102	0.0000051	0.00731	0.00132	0.0102	0.0246	0.0000051	20.6	0.0000189	0.000295	0.000314	0.00096	0.0709	0.0000102	1.43	2.66	0.0491	0.000276	4.97	0.00132	0.053	0.000396	0.000167	0.0000765	0.106	0.00000204	0.0000693	0.000696	0.00172	7.97E-14
2073 Apr	61.2	0.0577	0.0126	0.00103	13.9	0.0286	4.91	0.00103	0.00103	0.00000514	0.00736	0.00133	0.0103	0.0248	0.00000514	20.8	0.000019	0.000297	0.000316	0.000967	0.0714	0.0000103	1.44	2.68	0.0495	0.000278	5	0.00133	0.0534	0.000399	0.000168	0.0000771	0.107	0.00000206	0.0000698	0.000701	0.00173	8.03E-14
2073 May	63	0.0585	0.0132	0.00103	14.3	0.0282	5.06	0.00103	0.00103	0.00000515	0.00735	0.00136	0.0102	0.0258	0.00000515	21.5	0.0000192	0.000306	0.000335	0.000986	0.0741	0.0000103	1.48	2.79	0.0529	0.000274	5.16	0.00136	0.0538	0.00043	0.000172	0.0000802	0.111	0.00000206	0.0000703	0.000735	0.00174	7.63E-14
2073 Jun	63.4	0.0571	0.0136	0.000992	14.5	0.0263	5.08	0.000992	0.000992	0.00000496	0.00703	0.00136	0.00968	0.0264	0.00000496	22	0.0000188	0.00031	0.000355	0.000976	0.0756	0.00000992	1.49	2.87	0.0567	0.000255	5.2	0.00135	0.0523	0.000467	0.000173	0.0000823	0.114	0.00000198	0.0000682	0.000767	0.00169	6.49E-14
2073 Jul	65.2	0.0587	0.014	0.00102	14.9	0.0271	5.23	0.00102	0.00102	0.00000511	0.00725	0.0014	0.00998	0.0272	0.00000511	22.6	0.0000194	0.000319	0.000364	0.00101	0.0778	0.0000102	1.53	2.96	0.0583	0.000263	5.36	0.00139	0.0539	0.00048	0.000178	0.0000847	0.117	0.00000205	0.0000702	0.000789	0.00175	6.67E-14
2073 Aug	67.4	0.0606	0.0145	0.00106	15.4	0.0281	5.4	0.00106	0.00106	0.00000529	0.0075	0.00145	0.0103	0.0281	0.00000529	23.3	0.00002	0.000329	0.000376	0.00104	0.0804	0.0000106	1.58	3.05	0.0602	0.000272	5.54	0.00144	0.0558	0.000496	0.000184	0.0000875	0.121	0.00000212	0.0000726	0.000814	0.00181	6.88E-14
2073 Sep	67.1	0.0606	0.0144	0.00106	15.3	0.0282	5.38	0.00106	0.00106	0.00000528	0.00748	0.00144	0.0103	0.0279	0.00000528	23.2	0.0000199	0.000327	0.000373	0.00104	0.0799	0.0000106	1.58	3.04	0.0597	0.000273	5.51	0.00143	0.0556	0.000491	0.000182	0.000087	0.12	0.00000211	0.0000725	0.000808	0.0018	6.81E-14
2073 Oct	65.3	0.0604	0.0139	0.00103	14.9	0.0279	5.26	0.00103	0.00103	0.00000516	0.00733	0.0014	0.0101	0.0271	0.00000516	22.6	0.0000194	0.000318	00036	0.00101	0.0775	0.0000103	1.53	2.94	0.0573	0.000273	5.37	0.00139	0.0544	0.000471	0.000175	0.0000841	0.117	0.00000206	0.0000712	0.000777	0.00174	6.52E-14
2073 Nov	64.9	0.0607	0.0138	0.00103	14.9	028	5.24	0.00103	0.00103	0.00000514	0.00732	0.0014	0.0101	0.0269	0.00000514	22.4	0.0000192	0.000315	0.000357	0.00101	0.0769	0.0000103	1.52	2.92	0.0566	0.000276	5.34	0.00139	0.0543	0.000464	0.000173	0.0000834	0.116	0.00000205	0.0000711	0.000769	0.00173	6.43E-14
2073 Dec	65	0.0608	0.0138	0.00103	14.9	028	5.25	0.00103	0.00103	0.00000514	0.00733	0.0014	0.0101	0.0269	0.00000514	22.4	0.0000193	0.000316	0.000357	0.00101	077	0.0000103	1.52	2.92	0.0566	0.000276	5.34	0.00139	0.0543	0.000464	0.000173	0.0000834	0.116	0.00000206	0.0000712	0.000769	0.00173	6.43E-14
2074 Jan	65	0.0608	0.0138	0.00103	14.9	028	5.25	0.00103	0.00103	0.00000514	0.00733	0.0014	0.0101	0.0269	0.00000514	22.4	0.0000193	0.000316	0.000357	0.00101	0.0777	0.0000103	1.52	2.92	0.0567	0.000276	5.34	0.00139	0.0543	0.000464	0.000173	0.0000834	0.116	0.00000206	0.0000712	0.000769	0.00173	6.43E-14
2074 Feb	65	0.0609	0.0138	0.00103	14.9	028	5.25	0.00103	0.00103	0.00000514	0.00733	0.0014	0.0101	0.0269	0.00000514	22.4	0.0000193	0.000316	0.000357	0.00101	077	0.0000103	1.53	2.93	0.0567	0.000276	5.34	0.00139	0.0543	0.000464	0.000173	0.0000834	0.116	0.00000206	0.0000712	0.000769	0.00173	6.43E-14
2074 Mar	65.1	0.0609	0.0138	0.00103	14.9	028	5.25	0.00103	0.00103	0.00000514	0.00733	0.0014	0.0101	027	0.00000514	22.5	0.0000193	0.000316	0.000357	0.00101	0.0771	0.0000103	1.53	2.93	0.0567	0.000276	5.35	0.00139	0.0543	0.000465	0.000173	0.0000835	0.116	0.00000206	0.0000713	00077	0.00173	6.43E-14
2074 Apr	65.4	0.0613	0.0139	0.00103	15	0.0282	5.29	0.00103	0.00103	0.00000517	0.00738	0.00141	0.0102	0.0271	0.00000517	22.6	0.0000194	0.000318	00036	0.00102	0.0775	0.0000103	1.54	2.95	0.0571	0.000278	5.38	0.0014	0.0547	0.000468	0.000174	0.000084	0.117	0.00000207	0.0000717	0.000775	0.00174	6.47E-14
2074 May	67.6	0.062	0.0146

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00000487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2077 Jun	68	0.0578	0.0152	0.00102	15.4	0.0251	5.39	0.00102	0.00102	0.00000511	0.00725	0.00145	0.00971	0.0289	0.00000511	23.8	0.0000204	0.000337	0.000401	0.00103	0.0828	0.0000102	1.6	3.15	0.0652	0.000238	5.57	0.00145	0.0544	0.000544	0.000195	0.0000902	0.124	0.00000204	0.0000702	0.000875	0.00181	2.7E-14
2077 Jul	71	0.0602	0.0159	0.00107	16.1	0.0263	5.62	0.00107	0.00107	0.00000535	0.0076	0.00151	0.0102	0.0301	0.00000535	24.8	0.0000214	0.000352	0.000418	0.00107	0.0864	0.0000107	1.67	3.29	0.068	0.000248	5.81	0.00151	0.0569	0.000567	0.000205	0.0000942	0.13	0.00000214	0.0000734	0.000913	0.0019	2.8E-14
2077 Aug	74.4	0.0631	0.0166	0.00112	16.9	0.0276	5.89	0.00112	0.00112	0.00000561	0.00796	0.00158	0.0107	0.0315	0.00000561	26	0.0000224	0.000368	0.000437	0.0112	0.0905	0.0000112	1.75	3.44	0.0711	0.00026	6.09	0.00159	0.0596	0.000593	0.000214	0.0000986	0.136	0.00000224	0.0000769	0.000956	0.00198	2.93E-14
2077 Sep	71.4	0.062	0.0158	0.00108	16.2	0.0272	5.68	0.00108	0.00108	0.00000542	0.00771	0.00152	0.0104	0.0302	0.00000542	24.9	0.0000214	0.000352	0.000415	0.00108	0.0864	0.0000108	1.68	3.29	0.0672	0.00026	5.85	0.00152	0.0576	0.000559	0.000202	0.000094	0.13	0.00000217	0.0000746	0.000905	0.0019	2.76E-14
2077 Oct	70.7	0.0626	0.0156	0.00108	16.1	0.0274	5.64	0.00108	0.00108	0.00000539	0.00768	0.00151	0.0103	0.0298	0.00000539	24.6	0.0000212	0.000348	0.000408	0.00108	0.0854	0.0000108	1.66	3.25	0.0659	0.000264	5.8	0.00151	0.0573	0.000548	0.000198	0.0000927	0.128	0.00000215	0.0000745	0.000888	0.00188	2.7E-14
2077 Nov	70.8	0.063	0.0155	0.00108	16.1	0.0275	5.65	0.00108	0.00108	0.00000544	0.00771	0.00151	0.0104	0.0298	0.00000554	24.7	0.0000212	0.000348	0.000408	0.00108	0.0854	0.0000108	1.66	3.25	0.0658	0.000267	5.8	0.00151	0.0575	0.000546	0.000198	0.0000926	0.128	0.00000216	0.0000747	0.000887	0.00188	2.7E-14
2077 Dec	70.8	0.0631	0.0155	0.00108	16.1	0.0276	5.66	0.00108	0.00108	0.0000054	0.00771	0.00151	0.0104	0.0298	0.0000054	24.7	0.0000212	0.000348	0.000408	0.00108	0.0854	0.0000108	1.66	3.25	0.0658	0.000267	5.8	0.00151	0.0575	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000748	0.000887	0.00188	2.7E-14
2078 Jan	70.8	0.0631	0.0155	0.00108	16.1	0.0276	5.66	0.00108	0.00108	0.0000054	0.00771	0.00151	0.0104	0.0298	0.0000054	24.7	0.0000212	0.000348	0.000408	0.00108	0.0854	0.0000108	1.66	3.25	0.0658	0.000267	5.81	0.00151	0.0575	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000748	0.000887	0.00188	2.69E-14
2078 Feb	70.9	0.0631	0.0156	0.00108	16.1	0.0276	5.66	0.00108	0.00108	0.0000054	0.00771	0.00151	0.0104	0.0298	0.0000054	24.7	0.0000212	0.000348	0.000408	0.00108	0.0855	0.0000108	1.66	3.25	0.0659	0.000267	5.81	0.00151	0.0575	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000748	0.000887	0.00188	2.69E-14
2078 Mar	70.9	0.0631	0.0156	0.00108	16.2	0.0276	5.66	0.00108	0.00108	0.0000054	0.00772	0.00151	0.0104	0.0299	0.0000054	24.7	0.0000212	0.000349	0.000408	0.00108	0.0855	0.0000108	1.66	3.25	0.0659	0.000267	5.81	0.00151	0.0576	0.000546	0.000198	0.0000927	0.128	0.00000216	0.0000748	0.000888	0.00188	2.7E-14
2078 Apr	71.4	0.0636	0.0157	0.00109	16.3	0.0278	5.7	0.00109	0.00109	0.00000544	0.00777	0.00152	0.0105	0.0301	0.00000544	24.9	0.0000214	0.000351	0.000411	0.00109	0.0861	0.0000109	1.67	3.28	0.0663	0.000269	5.85	0.00152	0.0579	0.00055	0.000199	0.0000933	0.129	0.00000218	0.0000753	0.000894	0.00189	2.71E-14
2078 May	72.5	0.0637	0.0162	0.00108	16.6	0.027	5.8	0.00108	0.00108	0.00000538	0.00764	0.00154	0.0102	0.0309	0.00000538	25.4	0.0000213	0.000357	0.000428	0.0011	0.088	0.0000108	1.7	3.37	0.0695	0.000262	5.96	0.00153	0.0576	0.00058	0.000201	0.0000958	0.133	0.00000215	0.0000749	0.000922	0.00188	2.48E-14
2078 Jun	70.3	0.0607	0.0159	0.00101	16.1	0.0248	5.62	0.00101	0.00101	0.00000505	0.00713	0.00148	0.00951	0.0302	0.00000505	24.9	0.0000201	0.000347	0.000427	0.00105	0.0859	0.0000101	1.65	3.31	0.0697	0.000241	5.78	0.00148	0.0545	0.000585	0.000193	0.0000939	0.13	0.00000202	0.0000708	0.000909	0.00177	2.09E-14
2078 Jul	74	0.0638	0.0168	0.00106	17	0.0262	5.92	0.00106	0.00106	0.00000532	0.00751	0.00156	0.01	0.0318	0.00000532	26.2	0.0000212	0.000365	0.000449	0.00111	0.0905	0.0000106	1.73	3.48	0.0734	0.000254	6.09	0.00155	0.0574	0.000616	0.000203	0.0000989	0.137	0.00000213	0.0000746	0.000957	0.00187	2.2E-14
2078 Aug	75.9	0.0655	0.0172	0.00109	17.4	0.027	6.07	0.00109	0.00109	0.00000547	0.00771	0.0016	0.0103	0.0327	0.00000547	26.8	0.0000217	0.000374	0.00046	0.00114	0.0928	0.0000109	1.78	3.57	0.0751	0.000261	6.25	0.0016	0.0589	0.000631	0.000208	0.000101	0.14	0.00000219	0.0000766	0.00098	0.00192	2.25E-14
2078 Sep	76.7	0.0663	0.0173	0.00111	17.6	0.0273	6.13	0.00111	0.00111	0.00000553	0.0078	0.00162	0.0104	0.033	0.00000553	27.1	0.0000219	0.000378	0.000464	0.00115	0.0937	0.0000111	1.8	3.6	0.0757	0.000265	6.31	0.00161	0.0596	0.000636	0.00021	0.000102	0.142	0.00000221	0.0000775	0.000988	0.00193	2.27E-14
2078 Oct	75.7	0.0661	0.017	0.00109	17.4	0.0273	6.07	0.00109	0.00109	0.00000547	0.00773	0.0016	0.0103	0.0325	0.00000547	26.7	0.0000216	0.000373	0.000456	0.00114	0.0923	0.0000109	1.77	3.55	0.0744	0.000266	6.23	0.00159	0.059	0.000623	0.000206	0.000101	0.14	0.00000219	0.0000768	0.000971	0.00191	2.23E-14
2078 Nov	75.5	0.0664	0.017	0.00109	17.3	0.0274	6.06	0.00109	0.00109	0.00000546	0.00774	0.0016	0.0103	0.0324	0.00000546	26.6	0.0000216	0.000371	0.000454	0.00113	0.0919	0.0000109	1.77	3.54	0.0739	0.000268	6.22	0.00158	0.0589	0.000619	0.000204	0.0001	0.139	0.00000219	0.0000769	0.000965	0.0019	2.21E-14
2078 Dec	75.5	0.0665	0.0169	0.00109	17.3	0.0274	6.06	0.00109	0.00109	0.00000546	0.00774	0.0016	0.0104	0.0324	0.00000546	26.6	0.0000216	0.000371	0.000454	0.00113	0.0919	0.0000109	1.77	3.54	0.0738	0.000268	6.22	0.00159	0.059	0.000618	0.000204	0.0001	0.139	0.00000219	0.0000769	0.000964	0.0019	2.21E-14
2079 Jan	75.5	0.0665	0.0169	0.00109	17.4	0.0274	6.06	0.00109	0.00109	0.00000547	0.00774	0.0016	0.0104	0.0324	0.00000547	26.6	0.0000216	0.000371	0.000454	0.00113	0.0919	0.0000109	1.77	3.54	0.0738	0.000269	6.22	0.00159	0.059	0.000618	0.000204	0.0001	0.139	0.00000219	0.0000769	0.000964	0.0019	2.21E-14
2079 Feb	75.5	0.0665	0.017	0.00109	17.4	0.0274	6.06	0.00109	0.00109	0.00000547	0.00774	0.0016	0.0104	0.0324	0.00000547	26.6	0.0000216	0.000371	0.000454	0.00113	0.092	0.0000109	1.77	3.54	0.0739	0.000269	6.22	0.00159	0.059	0.000618	0.000204	0.0001	0.139	0.00000219	0.0000769	0.000965	0.0019	2.21E-14
2079 Mar	75.6	0.0666	0.017	0.00109	17.4	0.0274	6.07	0.00109	0.00109	0.00000547	0.00775	0.0016	0.0104	0.0324	0.00000547	26.7	0.0000216	0.000372	0.000454	0.00114	0.092	0.0000109	1.77	3.54	0.0739	0.000269	6.22	0.00159	0.059	0.000619	0.000204	0.0001	0.139	0.00000219	0.000077	0.000965	0.0019	2.21E-14
2079 Apr	75.9	0.0668	0.017	0.0011	17.4	0.0275	6.09	0.0011	0.0011	0.00000549	0.00778	0.0016	0.0104	0.0325	0.00000549	26.8	0.0000217	0.000373	0.000456	0.00114	0.0924	0.0000111	1.78	3.56	0.0742	0.00027	6.25	0.00159	0.0592	0.000621	0.000205	0.000101	0.14	0.0000022	0.0000773	0.000969	0.00191	2.22E-14
2079 May	77.1	0.0679	0.0173	0.00112	17.7	0.028	6.19	0.00112	0.00112	0.00000558	0.0079	0.00163	0.0106	0.0331	0.00000558	27.2	0.000022	0.000379	0.000464	0.00116	0.094	0.0000112	1.81	3.62	0.0755	0.000274	6.35	0.00162	0.0602	0.000632	0.000209	0.000102	0.142	0.00000223	0.0000786	0.000986	0.00194	2.25E-14
2079 Jun	68	0.0569	0.0152	0.00103	15.4	0.0251	5.36	0.00103	0.00103	0.00000517	0.00735	0.00145	0.00982	0.0288	0.00000517	23.7	0.0000208	0.000338	0.000399	0.00103	0.0828	0.0000103	1.6	3.14	0.0649	0.000234	5.56	0.00146	0.0548	0.000542	0.0002	0.0000902	0.124	0.00000207	0.0000704	0.00088	0.00185	1.77E-14
2079 Jul	67.9	0.0563	0.0152	0.00104	15.3	0.0253	5.33	0.00104	0.00104	0.00000521	0.00742	0.00145	0.00991	0.0286	0.00000521	23.6	0.00002	0.000337	0.000395	0.00103	0.0826	0.0000104	1.6	3.12	0.0643	0.000233	5.53	0.00146	0.0551	0.000536	0.000202	0.0000899	0.123	0.00000208	0.0000706	0.000878	0.00187	1.74E-14
2079 Aug	70.6	0.0585	0.0158	0.00109	15.9	0.0264	5.54	0.00109	0.00109	0.00000543	0.00771	0.00151	0.0103	0.0298	0.00000543	24.5	0.0000218	0.00035	0.00041	0.00107	0.0859	0.0000109	1.66	3.24	0.0667	0.000243	5.75	0.00152	0.0573	0.000556	0.00021	0.0000934	0.128	0.00000217	0.0000734	0.000911	0.00194	1.81E-14
2079 Sep	69.4	0.0587	0.0154	0.00107	15.7	0.0264	5.47	0.00107	0.00107	0.00000536	0.00764	0.00148	0.0102	0.0292	0.00000536	24.1	0.0000214	0.000344	0.000401	0.00105	0.0842	0.0000107	1.63	3.18	0.065	0.000246	5.66	0.00149	0.0566	0.000541	0.000204	0.0000915	0.126	0.00000214	0.0000728	0.000888	0.0019	1.76E-14
2079 Oct	68.4	0.0587	0.0151	0.00106	15.4	0.0263	5.4	0.00106	0.00106	0.00000529	0.00756	0.00146	0.0101	0.0287	0.00000529	23.7	0.0000211	0.000338	0.000393	0.00104	0.0828	0.0000106	1.61	3.13	0.0635	0.000248	5.58	0.00147	0.056	0.000528	0.0002	0.0000898	0.124	0.00000212	0.0000721	0.000869	0.00187	1.71E-14
2079 Nov	67.9	0.059	0.0149	0.00105	15.3	0.0264	5.37	0.00105	0.00105	0.00000527	0.00754	0.00145	0.0101	0.0285	0.00000527	23.5	0.0000209	0.000335	0.000388	0.00104	0.082	0.0000105	1.59	3.1	0.0627	0.00025	5.54	0.00146	0.0558	0.00052	0.000197	0.0000888	0.122	0.00000211	0.000072	0.000858	0.00186	1.69E-14
2079 Dec	67.5	0.0594	0.0148	0.00105	15.3	0.0265	5.36	0.00105	0.00105	0.00000525	0.00752	0.00144	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000384	0.00103	0.0815	0.0000105	1.59	3.08	0.062	0.000253	5.52	0.00145	0.0556	0.000514	0.000195	0.0000881	0.122	0.00000221	0.0000719	0.000849	0.00184	1.67E-14
2080 Jan	67.5	0.0594	0.0148	0.00105	15.3	0.0265	5.36	0.00105	0.00105	0.00000525	0.00752	0.00144	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103	0.0815	0.0000105	1.59	3.08	0.062	0.000253	5.52	0.00145	0.0556	0.000513	0.000194	0.0000881	0.122	0.00000221	0.0000719	0.000849	0.00184	1.66E-14
2080 Feb	67.6	0.0595	0.0148	0.00105	15.3	0.0265	5.36	0.00105	0.00105	0.00000525	0.00752	0.00144	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103	0.0815	0.0000105	1.59	3.08	0.062	0.000253	5.52	0.00145	0.0556	0.000514	0.000194	0.0000881	0.122	0.00000221	0.000072	0.00085	0.00184	1.66E-14
2080 Mar	67.6	0.0595	0.0148	0.00105	15.3	0.0265	5.36	0.00105	0.00105	0.00000525	0.00752	0.00145	0.0101	0.0283	0.00000525	23.4	0.0000208	0.000333	0.000385	0.00103	0.0816	0.0000105	1.59	3.08	0.0621	0.000253	5.52	0.00145	0.0557	0.000514	0.000195	0.0000881	0.122	0.00000221	0.000072	0.00085	0.00184	1.66E-14
2080 Apr	67.8	0.0597	0.0148	0.00105	15.3	0.0266	5.38	0.00105	0.00105	0.00000526	0.00754	0.00145	0.0101	0.0284	0.00000526	23.5	0.0000209	0.000334	0.000386	0.00104	0.0818	0.0000105	1.59	3.09	0.0623	0.000254	5.54	0.00145	0.0558	0.000515	0.000195	0.0000884	0.122	0.00000211	0.0000722	0.000853	0.00185	1.67E-14
2080 May	69	0.0607	0.0151	0.00107	15.6	0.0271	5.47	0.00107	0.00107	0.00000535	0.00767	0.00147	0.0103	0.0289	0.00000535	23.9	0.0000212	0.00034	0.000393	0.00105	0.0832	0.0000107	1.62	3.15	0.0634	0.000258	5.63	0.00148	0.0568	0.000524	0.000198	0.0000899	0.124	0.00000214	0.0000734	0.000887	0.00188	1.7E-14
2080 Jun	64.8	0.0554	0.0143	0.00104	14.5	0.0259	5.08	0.00104	0.00104	0.00000521	0.00748	0.00139	0.01	0.0269	0.00000521	22.3	0.0000205	0.000321	0.000361	0.000996	0.0781	0.0000104	1.52	2.92	0.0582	0.00024	5.26	0.00141	0.0546	0.00048	0.000196	0.0000842	0.116	0.00000208	0.0000699	0.000819	0.00185	1.52E-14
2080 Jul	64	0.0538	0.0139	0.00105	14.2	0.0259	4.99	0.00105	0.00105	0.00000523	0.00751	0.00138	0.0101	0.0264	0.00000523	21.9	0.000021	0.000318	0.000353	0.000986	0.077	0.0000105	1.51	2.87	0.0567	0.000236	5.18	0.0014	0.0545	0.000467	0.000198	0.000083	0.113	0.00000209	0.0000695	0.000809	0.00187	1.47E-14
2080 Aug	65.4	0.0548	0.0142	0.00107	14.5	0.0267	5.1	0.00107	0.00107	0.00000536	0.00769	0.00141	0.0103	0.027	0.00000536	22.4	0.0000214	0.000324	0.00036	0.00101	0.0788	0.0000107	1.54	2.93	0.0578	0.000242	5.3	0.00143	0.0558	0.000475	0.000202	0.0000848	0.116	0.00000214	0.0000712	0.000824	0.00191	1.5E-14
2080 Sep	64.9	0.055	0.014	0.00107	14.5	0.0268	5.07	0.00107	0.00107	0.00000533	0.00765	0.0014	0.0103	0.0267	0.00000533	22.2	0.0000211	0.000321	0.000355	0.001	0.0779	0.0000107	1.53	2.9	0.0569	0.000245	5.26	0.00142	0.0555	0.000467	0.000199	0.0000839	0.115	0.00000213	0.0000709	0.000811	0.00189	1.47E-14
2080 Oct	64.4	0.0551	0.0138	0.00106	14.4	0.0268	5.04	0.00106	0.00106	0.0000053	0.00761	0.00139	0.0103	0.0264	0.0000053	22	0.0000021	0.000318	0.000351	0.000998	0.0772	0.0000106	1.52	2.87	0.0561	0.000246	5.22	0.00141	0.0552	0.00046	0.000196	0.000083	0.114	0.00000212	0.0000706	0.0008	0.00188	1.45E-14
2080 Nov	63.9	0.0551	0.0137	0.00105	14.3	0.0267	5.01	0.00105	0.00105	0.00000526	0.00757	0.00138	0.0102	0.0262	0.00000526	21.8	0.0000208	0.000316	0.000347	0.000992	0.0765	0.0000105	1.5	2.85	0.0555	0.000247	5.19	0.0014	0.0549	0.000455	0.000194	0.0000823	0.113	0.00000211	0.0000703	0.000792	0.00186	1.43E-14
2081 Dec	63.9	0.0553	0.0137	0.00105	14.3	0.0268	5.01	0.00105	0.00105	0.00000526	0.00757	0.00138	0.0102	0.0262	0.00000526	21.8	0.0000208	0.000315	0.000347	0.000993	0.0765	0.0000105	1.5	2.85	0.0554	0.000248	5.19	0.00139	0.0549	0.000454	0.000193	0.0000822	0.113	0.00000211	0.0000703	0.000791	0.00186	1.43E-14
2081 Jan	63.9	0.0553	0.0137	0.00105	14.3	0.0268	5.01	0.00105	0.00105	0.00000526	0.00757	0.00138	0.0102	0.0262	0.00000526	21.8	0.0000208	0.000315	0.000347	0.000993	0.0765	0.0000105	1.5	2.85	0.0554	0.000248	5.19	0.00139	0.0549	0.000454	0.000193	0.0000822	0.113	0.00000211	0.0000703	0.000791	0.00186	1.43E-14
2081 Feb	63.9	0.0553	0.0137	0.00105	14.3	0.0268	5.01	0.00105	0.00105	0.00000526	0.00757	0.00138	0.0102	0.0262	0.00000526	21.8	0.0000208	0.000316	0.000347	0.000993	0.0765	0.0000105	1.5	2.85	0.0555	0.000248	5.19	0.0014	0.0549	0.000454	0.000193	0.0000822	0.113	0.00000211	0.0000704	0.000792	0.00186	1.43E-14
2081 Mar	64	0.0554	0.0137	0.00105	14.3	0.0268	5.02	0.00105	0.00105	0.00000527	0.00757	0.00138	0.0102	0.0263	0.00000527	21.8	0.0000208	0.000316	0.000347	0.000993	0.0766	0.0000105	1.51	2.85	0.0555	0.000248	5.19	0.0014	0.0549	0.000455	0.000194	0.0000822	0.113	0.00000211	0.0000704	0.000792	0.00186	1.43E-14
2081 Apr	64.2	0.0556	0.0138	0.00106	14.3	0.0269	5.04	0.00106	0.00106	0.00000529	0.0076	0.00139	0.0102	0.0264	0.00000529	21.9	0.0000209	0.000317	0.000349	0.000997	0.0769	0.0000106	1.51	2.86	0.0558	0.000249	5.21	0.0014	0.0551	0.000457	0.000194	0.0000826	0.113	0.00000211	0.0000707	0.000795	0.00187	1.43E-14
2081 May	65.8	0.0565	0.0143	0.00106	14.8	0.0267	5.17	0.00106	0.00106	0.0000053	0.00759	0.00142	0.0102	0.0273	0.0000053	22.6	0.00002	0.000325	0.000366	0.00102	0.0792	0.0000106	1.55	2.96	0.0587	0.000247	5.36	0.00143	0.0555	0.000484	0.000197	0.0000853	0.117	0.00000212	0.0000712	0.000824	0.00187	1.37E-14
2081 Jun	65	0.055	0.0143	0.00102	14.6	0.0254	5.11	0.00102	0.00102	0.00000512	0.00731	0.00139	0.0098	0.0271	0.00000512	22.5	0.0000204	0.000322	0.000369	0.000994	0.0786	0.0000102	1.53	2.96	0.0596	0.000235	5.29	0.0014	0.0539	0.000493	0.000194	0.000085	0.117	0.00000205	0.0000691	0.000825	0.00182	1.22E-14
2081 Jul	68.8	0.0581	0.0151	0.00109	15.4	0.0269	5.4	0.00109	0.00109	0.00000543	0.00776	0.00148	0.0104	0.0287	0.00000543	23.8	0.0000217	0.000341	0.00039	0.00105	0.0832	0.0000109	1.62	3.13	0.063	0.000249	5.6	0.00149	0.0571	0.000522	0.000206	0.00009	0.124	0.00000217	0.0000732	0.000874	0.00193	1.29E-14
2081 Aug	72.7	0.0615	0.016	0.00115	16.3	0.0285	5.71	0.00115	0.00115	0.00000574	0.0082	0.00156	0.011	0.0304	0.00000574	25.1	0.0000229	0.00036	0.00042	0.00111	0.088	0.0000115	1.71	3.31	0.0666	0.000263	5.92	0.00157	0.0604	0.000551	0.000217	0.0000951	0.131	0.00000223	0.0000774	0.000923	0.00204	1.37E-14
2081 Sep	72.8	0.062	0.0159	0.00115	16.3	0.0287	5.72	0.00115	0.00115	0.00000575	0.00822	0.00156	0.011	0.0303	0.00000575	25.1	0.0000229	0.00036	0.000411	0.00112	0.0879	0.0000115	1.71	3.3	0.0663	0.000266	5.93	0.00157	0.0605	0.000549	0.000216	0.000095	0.131	0.0000023	0.0000777	0.00092	0.00204	1.36E-14
2081 Oct	72.6	0.0621	0.0159	0.00115	16.3	0.0287	5.71	0.00115	0.00115	0.00000574	0.00821	0.00156	0.011	0.0303	0.00000574	25	0.0000228	0.000359	0.00041	0.00111	0.0877	0.0000115	1.71	3.29	0.066	0.000267	5.91	0.00157	0.0604	0.000546	0.000215	0.0000947	0.13	0.0000023	0.0000776	0.000916	0.00203

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00000487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2084 Dec	65.2	0.0577	0.0141	0.00103	14.7	0.0264	5.18	0.00103	0.00103	0.00000514	0.00737	0.0014	0.00987	0.0272	0.00000514	22.5	0.0000202	0.00032	0.000366	0.00101	0.0785	0.0000103	1.53	2.96	0.0587	0.000249	5.33	0.0014	0.0544	0.000485	0.000187	0.0000844	0.117	0.00000206	0.0000703	0.00081	0.00179	5.8E-15
2085 Jan	65.2	0.0577	0.0141	0.00103	14.7	0.0264	5.18	0.00103	0.00103	0.00000514	0.00737	0.0014	0.00987	0.0272	0.00000514	22.5	0.0000202	0.00032	0.000366	0.00101	0.0785	0.0000103	1.53	2.96	0.0587	0.000249	5.33	0.0014	0.0544	0.000485	0.000187	0.0000844	0.117	0.00000206	0.0000703	0.00081	0.00179	5.8E-15
2085 Feb	65.2	0.0577	0.0141	0.00103	14.7	0.0264	5.18	0.00103	0.00103	0.00000515	0.00737	0.0014	0.00987	0.0272	0.00000515	22.5	0.0000202	0.00032	0.000366	0.00101	0.0786	0.0000103	1.53	2.96	0.0588	0.00025	5.33	0.0014	0.0544	0.000486	0.000188	0.0000845	0.117	0.00000206	0.0000703	0.00081	0.0018	5.8E-15
2085 Mar	65.2	0.0577	0.0141	0.00103	14.7	0.0264	5.18	0.00103	0.00103	0.00000515	0.00737	0.0014	0.00987	0.0272	0.00000515	22.5	0.0000202	0.00032	0.000367	0.00101	0.0786	0.0000103	1.53	2.96	0.0588	0.00025	5.33	0.0014	0.0544	0.000486	0.000188	0.0000845	0.117	0.00000206	0.0000703	0.000811	0.0018	5.8E-15
2085 Apr	65.5	0.058	0.0142	0.00103	14.8	0.0265	5.2	0.00103	0.00103	0.00000517	0.0074	0.00141	0.00991	0.0273	0.00000517	22.6	0.0000203	0.00032 1	0.000368	0.00101	0.0789	0.0000103	1.54	2.97	0.059	0.00025 1	5.35	0.00141	0.0546	0.000488	0.000188	0.0000848	0.117	0.00000207	0.0000706	0.000814	0.0018	5.82E-15
2085 May	66.6	0.0587	0.0146	0.00104	15.1	0.0264	5.3	0.00104	0.00104	0.00000519	0.00742	0.00143	0.00992	0.0279	0.00000519	23.1	0.0000204	0.000327	0.000379	0.00102	0.0805	0.0000104	1.56	3.04	0.061	0.00025	5.45	0.00143	0.0551	0.000505	0.000191	0.0000867	0.12	0.00000208	0.0000711	0.000834	0.00181	5.67E-15
2085 Jun	66.9	0.0582	0.0148	0.00102	15.2	0.0257	5.32	0.00102	0.00102	0.00000511	0.00728	0.00143	0.0097	0.0282	0.00000511	23.3	0.0000202	0.000329	0.000388	0.00102	0.0812	0.0000102	1.57	3.08	0.0627	0.000243	5.48	0.00143	0.0544	0.000521	0.00019	0.0000877	0.121	0.00000204	0.0000703	0.000847	0.00179	5.26E-15
2085 Jul	69.9	0.0608	0.0154	0.00107	15.9	0.0269	5.56	0.00107	0.00107	0.00000535	0.00761	0.00149	0.0102	0.0295	0.00000535	24.3	0.0000211	0.000344	0.000405	0.00107	0.0849	0.0000107	1.64	3.22	0.0655	0.000254	5.73	0.00149	0.0569	0.000545	0.000199	0.0000917	0.127	0.00000214	0.0000735	0.000885	0.00187	5.5E-15
2085 Aug	70.6	0.0614	0.0156	0.00108	16	0.0273	5.62	0.00108	0.00108	0.00000541	0.0077	0.00151	0.0103	0.0298	0.00000541	24.6	0.0000213	0.000347	0.000409	0.00108	0.0857	0.0000108	1.66	3.25	0.066	0.000258	5.79	0.00151	0.0575	0.000549	0.000201	0.0000926	0.128	0.00000216	0.0000743	0.000892	0.00189	5.54E-15
2085 Sep	69.2	0.0612	0.0151	0.00106	15.7	0.0272	5.52	0.00106	0.00106	0.00000532	0.00759	0.00148	0.0102	0.0291	0.00000532	24.1	0.0000208	0.000339	0.000397	0.00106	0.0837	0.0000106	1.62	3.17	0.064	0.00026	5.67	0.00148	0.0566	0.000531	0.000194	0.0000903	0.125	0.00000213	0.0000734	0.000865	0.00185	5.35E-15
2085 Oct	67.8	0.0609	0.0148	0.00105	15.4	0.027	5.43	0.00105	0.00105	0.00000523	0.00747	0.00145	0.01	0.0285	0.00000523	23.5	0.0000204	0.000332	0.000387	0.00104	0.0818	0.0000105	1.59	3.1	0.0622	0.00026	5.56	0.00145	0.0557	0.000515	0.000189	0.0000881	0.122	0.00000209	0.0000723	0.000842	0.00181	5.19E-15
2085 Nov	67	0.0611	0.0145	0.00104	15.3	0.027	5.37	0.00104	0.00104	0.00000518	0.00742	0.00143	0.00995	0.0281	0.00000518	23.2	0.0000202	0.000327	0.00038	0.00103	0.0806	0.0000104	1.57	3.06	0.0609	0.000262	5.5	0.00143	0.0552	0.000504	0.000185	0.0000867	0.121	0.00000207	0.0000719	0.000826	0.00178	5.08E-15
2085 Dec	67	0.0612	0.0145	0.00104	15.3	0.027	5.37	0.00104	0.00104	0.00000518	0.00742	0.00143	0.00995	0.0281	0.00000518	23.2	0.0000202	0.000327	0.00038	0.00103	0.0806	0.0000104	1.57	3.06	0.0609	0.000262	5.49	0.00143	0.0552	0.000504	0.000185	0.0000867	0.121	0.00000207	0.0000719	0.000825	0.00178	5.07E-15
2086 Jan	67	0.0612	0.0145	0.00104	15.3	0.027	5.38	0.00104	0.00104	0.00000518	0.00742	0.00143	0.00995	0.0281	0.00000518	23.2	0.0000202	0.000327	0.00038	0.00103	0.0806	0.0000104	1.57	3.06	0.0609	0.000263	5.5	0.00143	0.0552	0.000503	0.000185	0.0000867	0.121	0.00000207	0.0000719	0.000825	0.00178	5.07E-15
2086 Feb	67	0.0612	0.0145	0.00104	15.3	0.027	5.38	0.00104	0.00104	0.00000518	0.00742	0.00143	0.00995	0.0281	0.00000518	23.3	0.0000202	0.000327	0.00038	0.00103	0.0806	0.0000104	1.57	3.06	0.0609	0.000263	5.5	0.00143	0.0553	0.000504	0.000185	0.0000867	0.121	0.00000207	0.000072	0.000826	0.00178	5.07E-15
2086 Mar	67	0.0612	0.0145	0.00104	15.3	0.0271	5.38	0.00104	0.00104	0.00000518	0.00743	0.00144	0.00996	0.0281	0.00000518	23.3	0.0000202	0.000327	0.00038	0.00103	0.0807	0.0000104	1.57	3.06	0.061	0.000263	5.5	0.00143	0.0553	0.000504	0.000185	0.0000867	0.121	0.00000207	0.000072	0.000826	0.00178	5.07E-15
2086 Apr	67.4	0.0615	0.0146	0.00104	15.4	0.0272	5.41	0.00104	0.00104	0.00000521	0.00746	0.00144	0.01	0.0282	0.00000521	23.4	0.0000203	0.000329	0.000382	0.00104	0.0811	0.0000104	1.58	3.07	0.0613	0.000264	5.53	0.00144	0.0555	0.000506	0.000186	0.0000872	0.121	0.00000208	0.0000723	0.00083	0.00179	5.09E-15
2086 May	68.6	0.0625	0.0149	0.00106	15.6	0.0275	5.51	0.00106	0.00106	0.00000528	0.00757	0.00147	0.0101	0.0288	0.00000528	23.8	0.0000206	0.000335	0.000391	0.00106	0.0826	0.0000106	1.61	3.14	0.0627	0.000267	5.63	0.00146	0.0564	0.000518	0.000189	0.0000889	0.124	0.00000211	0.0000734	0.000847	0.00182	5.12E-15
2086 Jun	64.6	0.0563	0.0142	0.000996	14.6	0.025	5.13	0.000996	0.000996	0.00000498	0.00711	0.00138	0.00949	0.0272	0.00000498	22.4	0.0000197	0.000318	0.000371	0.000987	0.0782	0.00000996	1.52	2.96	0.0599	0.000237	5.28	0.00138	0.0529	0.000498	0.000185	0.0000845	0.117	0.00000199	0.0000683	0.000816	0.00175	4.12E-15
2086 Jul	66.1	0.057	0.0145	0.00103	14.9	0.0258	5.22	0.00103	0.00103	0.00000515	0.00737	0.00142	0.00983	0.0277	0.00000515	22.9	0.0000205	0.000326	0.000377	0.00101	0.08	0.0000103	1.55	3.02	0.0608	0.000242	5.4	0.00142	0.0545	0.000505	0.000193	0.0000863	0.119	0.00000206	0.0000702	0.000835	0.00182	4.15E-15
2086 Aug	67.5	0.0582	0.0148	0.00106	15.2	0.0268	5.35	0.00106	0.00106	0.0000053	0.00754	0.00145	0.0101	0.0283	0.0000053	23.4	0.0000208	0.000332	0.000384	0.00104	0.0817	0.0000106	1.59	3.08	0.0618	0.00025	5.52	0.00145	0.0559	0.000512	0.000196	0.0000882	0.122	0.00000212	0.000072	0.000848	0.00186	4.21E-15
2086 Sep	66.6	0.0578	0.0145	0.00105	15.1	0.0269	5.28	0.00105	0.00105	0.00000525	0.00746	0.00143	0.0101	0.0278	0.00000525	23	0.0000204	0.000327	0.000375	0.00103	0.0802	0.0000105	1.57	3.02	0.0602	0.000253	5.45	0.00143	0.0553	0.000498	0.000191	0.0000867	0.12	0.00000211	0.0000713	0.000826	0.00183	4.09E-15
2086 Oct	66.4	0.0581	0.0144	0.00105	15	0.027	5.28	0.00105	0.00105	0.00000524	0.00745	0.00143	0.0101	0.0277	0.00000524	22.9	0.0000203	0.000326	0.000373	0.00102	0.0799	0.0000105	1.56	3.01	0.0599	0.000255	5.43	0.00143	0.0552	0.000495	0.00019	0.0000864	0.119	0.00000211	0.0000713	0.000821	0.00182	4.06E-15
2086 Nov	66.6	0.0583	0.0144	0.00105	15.1	0.0271	5.29	0.00105	0.00105	0.00000526	0.00748	0.00143	0.0101	0.0278	0.00000526	23	0.0000204	0.000327	0.000374	0.00103	0.0801	0.0000105	1.57	3.02	0.06	0.000256	5.45	0.00143	0.0554	0.000496	0.00019	0.0000866	0.119	0.00000211	0.0000715	0.000823	0.00183	4.07E-15
2086 Dec	66.6	0.0584	0.0144	0.00105	15.1	0.0271	5.29	0.00105	0.00105	0.00000526	0.00748	0.00143	0.0101	0.0278	0.00000526	23	0.0000204	0.000327	0.000374	0.00103	0.0801	0.0000105	1.57	3.02	0.06	0.000256	5.45	0.00143	0.0554	0.000496	0.00019	0.0000866	0.119	0.00000211	0.0000716	0.000823	0.00183	4.07E-15
2087 Jan	66.6	0.0584	0.0144	0.00105	15.1	0.0271	5.29	0.00105	0.00105	0.00000526	0.00748	0.00143	0.0101	0.0278	0.00000526	23	0.0000204	0.000327	0.000374	0.00103	0.0801	0.0000105	1.57	3.02	0.06	0.000256	5.45	0.00143	0.0554	0.000496	0.00019	0.0000866	0.119	0.00000211	0.0000716	0.000823	0.00183	4.07E-15
2087 Feb	66.6	0.0584	0.0145	0.00105	15.1	0.0271	5.3	0.00105	0.00105	0.00000526	0.00748	0.00143	0.0101	0.0278	0.00000526	23	0.0000204	0.000327	0.000374	0.00103	0.0801	0.0000105	1.57	3.02	0.0601	0.000256	5.45	0.00143	0.0554	0.000496	0.00019	0.0000866	0.12	0.00000211	0.0000716	0.000823	0.00183	4.07E-15
2087 Mar	66.7	0.0585	0.0145	0.00105	15.1	0.0272	5.3	0.00105	0.00105	0.00000527	0.00749	0.00144	0.0101	0.0278	0.00000527	23.1	0.0000204	0.000327	0.000375	0.00103	0.0802	0.0000105	1.57	3.03	0.0601	0.000256	5.46	0.00143	0.0555	0.000496	0.00019	0.0000867	0.12	0.00000211	0.0000717	0.000824	0.00183	4.07E-15
2087 Apr	66.9	0.0586	0.0145	0.00106	15.1	0.0272	5.32	0.00106	0.00106	0.00000528	0.00751	0.00144	0.0102	0.0279	0.00000528	23.1	0.0000205	0.000328	0.000376	0.00103	0.0804	0.0000106	1.57	3.03	0.0603	0.000257	5.47	0.00144	0.0556	0.000498	0.000191	0.0000869	0.12	0.00000211	0.0000719	0.000826	0.00183	4.08E-15
2087 May	67.9	0.0592	0.0148	0.00106	15.4	0.0271	5.4	0.00106	0.00106	0.00000529	0.00751	0.00146	0.0101	0.0284	0.00000529	23.5	0.0000206	0.000333	0.000386	0.00104	0.0819	0.0000106	1.6	3.1	0.0621	0.000256	5.56	0.00146	0.0559	0.000514	0.000193	0.0000886	0.122	0.00000212	0.0000722	0.000845	0.00184	3.96E-15
2087 Jun	68.4	0.0584	0.0153	0.00102	15.6	0.0255	5.45	0.00102	0.00102	0.0000051	0.00719	0.00146	0.00965	0.0291	0.0000051	24	0.00002	0.000337	0.000405	0.00103	0.0833	0.0000102	1.61	3.18	0.0658	0.000241	5.62	0.00145	0.0544	0.00055	0.000191	0.0000907	0.125	0.00000204	0.0000704	0.000872	0.00178	3.37E-15
2087 Jul	70.6	0.0603	0.0158	0.00106	16.1	0.0264	5.63	0.00106	0.00106	0.00000528	0.00744	0.00151	0.00999	0.0301	0.00000528	24.8	0.0000207	0.000348	0.000418	0.00107	0.0861	0.0000106	1.66	3.28	0.0679	0.000249	5.81	0.0015	0.0563	0.000567	0.000198	0.0000938	0.129	0.00000211	0.0000728	0.000901	0.00185	3.48E-15
2087 Aug	73.6	0.0628	0.0165	0.0011	16.8	0.0275	5.87	0.0011	0.0011	0.00000551	0.00776	0.00157	0.0104	0.0314	0.00000551	25.8	0.0000216	0.000362	0.000435	0.00112	0.0897	0.000011	1.73	3.42	0.0707	0.00026	6.05	0.00156	0.0587	0.000591	0.000206	0.0000977	0.135	0.00000222	0.0000759	0.000938	0.00193	3.62E-15
2087 Sep	74.9	0.064	0.0167	0.00112	17.1	0.0281	5.97	0.00112	0.00112	0.0000056	0.00789	0.0016	0.0106	0.0319	0.0000056	26.3	0.0000219	0.000369	0.000442	0.00114	0.0912	0.0000112	1.76	3.48	0.0718	0.000266	6.16	0.00159	0.0597	0.0006	0.000209	0.0000993	0.137	0.00000224	0.0000772	0.000953	0.00196	3.68E-15
2087 Oct	74.3	0.0639	0.0166	0.00111	17	0.028	5.93	0.00111	0.00111	0.00000557	0.00785	0.00159	0.0105	0.0316	0.00000557	26.1	0.0000218	0.000366	0.000438	0.00113	0.0905	0.0000111	1.75	3.45	0.0711	0.000265	6.11	0.00158	0.0594	0.000594	0.000207	0.0000985	0.136	0.00000223	0.0000768	0.000944	0.00194	3.64E-15
2087 Nov	74	0.0639	0.0165	0.00111	16.9	0.028	5.91	0.00111	0.00111	0.00000555	0.00783	0.00158	0.0105	0.0315	0.00000555	26	0.0000217	0.000364	0.000436	0.00112	0.0901	0.0000111	1.74	3.43	0.0707	0.000266	6.09	0.00157	0.0592	0.00059	0.000206	0.000098	0.135	0.00000222	0.0000767	0.000938	0.00193	3.61E-15
2087 Dec	74.1	0.064	0.0165	0.00111	16.9	0.028	5.91	0.00111	0.00111	0.00000555	0.00784	0.00158	0.0105	0.0315	0.00000555	26	0.0000217	0.000364	0.000436	0.00112	0.0901	0.0000111	1.74	3.44	0.0707	0.000267	6.09	0.00157	0.0592	0.00059	0.000206	0.000098	0.135	0.00000222	0.0000767	0.000938	0.00193	3.61E-15
2088 Jan	74.1	0.064	0.0165	0.00111	16.9	0.028	5.91	0.00111	0.00111	0.00000555	0.00784	0.00158	0.0105	0.0315	0.00000555	26	0.0000217	0.000364	0.000436	0.00113	0.0901	0.0000111	1.74	3.44	0.0707	0.000267	6.09	0.00157	0.0592	0.00059	0.000206	0.000098	0.135	0.00000222	0.0000767	0.000938	0.00193	3.61E-15
2088 Feb	74.1	0.064	0.0165	0.00111	16.9	0.028	5.92	0.00111	0.00111	0.00000555	0.00784	0.00158	0.0105	0.0315	0.00000555	26	0.0000217	0.000364	0.000436	0.00113	0.0901	0.0000111	1.74	3.44	0.0707	0.000267	6.09	0.00157	0.0592	0.00059	0.000206	0.000098	0.135	0.00000222	0.0000767	0.000938	0.00193	3.61E-15
2088 Mar	74.2	0.0641	0.0165	0.00111	16.9	0.0281	5.92	0.00111	0.00111	0.00000556	0.00785	0.00158	0.0105	0.0316	0.00000556	26	0.0000217	0.000365	0.000436	0.00113	0.0902	0.0000111	1.74	3.44	0.0708	0.000267	6.1	0.00158	0.0593	0.000591	0.000206	0.0000981	0.136	0.00000222	0.0000768	0.00094	0.00194	3.62E-15
2088 Apr	74.9	0.0647	0.0167	0.00112	17.1	0.0283	5.98	0.00112	0.00112	0.00000561	0.00792	0.0016	0.0106	0.0319	0.00000561	26.3	0.0000219	0.000368	0.000441	0.00114	0.0911	0.0000112	1.76	3.47	0.0715	0.00027	6.16	0.00159	0.0599	0.000596	0.000208	0.000099	0.137	0.00000225	0.0000776	0.000949	0.00195	3.65E-15
2088 May	76.5	0.0661	0.017	0.00115	17.5	0.0289	6.11	0.00115	0.00115	0.00000573	0.00809	0.00163	0.0109	0.0325	0.00000573	26.8	0.0000224	0.000376	0.00045	0.00116	0.0931	0.0000115	1.8	3.55	0.073	0.000275	6.29	0.00162	0.0612	0.000609	0.000213	0.000101	0.14	0.00000229	0.0000792	0.000969	0.002	3.73E-15
2088 Jun	70.9	0.0592	0.0157	0.00111	16	0.0275	5.58	0.00111	0.00111	0.00000555	0.00787	0.00152	0.0106	0.0298	0.00000555	24.6	0.000022	0.000351	0.000406	0.00108	0.0861	0.0000111	1.67	3.24	0.0658	0.000252	5.79	0.00153	0.0583	0.000547	0.00021	0.0000934	0.128	0.00000222	0.0000747	0.000903	0.00197	3.28E-15
2088 Jul	73	0.0604	0.0161	0.00115	16.4	0.0284	5.72	0.00115	0.00115	0.00000577	0.00819	0.00157	0.011	0.0305	0.00000577	25.2	0.0000229	0.000362	0.000415	0.00112	0.0886	0.0000115	1.72	3.32	0.0672	0.000259	5.95	0.00158	0.0605	0.000558	0.00022	0.000096	0.131	0.00000231	0.0000773	0.00093	0.00205	3.33E-15
2088 Aug	77.7	0.0643	0.0172	0.00123	17.4	0.0303	6.09	0.00123	0.00123	0.00000614	0.00872	0.00167	0.0117	0.0325	0.00000614	26.9	0.0000244	0.000385	0.000442	0.00119	0.0943	0.0000123	1.83	3.54	0.0715	0.000276	6.33	0.00168	0.0644	0.000594	0.000234	0.000102	0.14	0.00000246	0.0000823	0.00099	0.00219	3.54E-15
2088 Sep	78.9	0.0653	0.0174	0.00125	17.7	0.0308	6.18	0.00125	0.00125	0.00000624	0.00886	0.0017	0.0119	0.033	0.00000624	27.3	0.0000248	0.000391	0.000449	0.00121	0.0957	0.0000125	1.86	3.59	0.0726	0.00028	6.43	0.00171	0.0654	0.000602	0.000237	0.000104	0.142	0.00000249	0.0000835	0.001	0.00222	3.6E-15
2088 Oct	75.7	0.0645	0.0166	0.0012	17	0.0302	5.96	0.0012	0.0012	0.00000601	0.00857	0.00163	0.0115	0.0316	0.00000601	26.1	0.0000237	0.000374	0.000426	0.00116	0.0914	0.0000012	1.78	3.43	0.0687	0.000279	6.17	0.00164	0.0631	0.000569	0.000224	0.0000988	0.136	0.0000024	0.000081	0.000953	0.00212	3.39E-15
2088 Nov	75.1	0.0649	0.0163	0.00119	16.9	0.0303	5.93	0.00119	0.00119	0.00000597	0.00853	0.00162	0.0115	0.0312	0.00000597	25.9	0.0000235	0.00037	0.000421	0.00116	0.0905	0.0000119	1.77	3.4	0.0676	0.000282	6.12	0.00162	0.0628	0.000559	0.000221	0.0000976	0.134	0.00000239	0.0000808	0.000939	0.0021	3.33E-15
2088 Dec	75.1	0.065	0.0163	0.00119	16.9	0.0303	5.93	0.00119	0.00119	0.00000597	0.00854	0.00162	0.0115	0.0312	0.00000597	25.9	0.0000235	0.00037	0.000421	0.00116	0.0905	0.0000119	1.77	3.4	0.0676	0.000283	6.12	0.00162	0.0628	0.000559	0.00022	0.0000976	0.134	0.00000239	0.0000808	0.000938	0.0021	3.33E-15
2089 Jan	75.1	0.065	0.0163	0.00119	16.9	0.0303	5.93	0.00119	0.00119	0.00000597	0.00854	0.00162	0.0115	0.0312	0.00000597	25.9	0.0000235	0.00037	0.000421	0.00116	0.0905	0.0000119	1.77	3.4	0.0676	0.000283	6.13	0.00162	0.0628	0.000559	0.00022	0.0000976	0.134	0.00000239	0.0000808	0.000938	0.0021	3.33E-15
2089 Feb	75.1	0.065	0.0163	0.0012	16.9	0.0303	5.93	0.0012	0.0012	0.00000598	0.00854	0.00162	0.0115	0.0313	0.00000598	25.9	0.0000235	0.00037	0.000421	0.00116	0.0905	0.000012	1.77	3.4	0.0677	0.000283	6.13	0.00162	0.0628	0.000559	0.00022	0.0000977	0.134	0.00000239	0.0000809	0.000939	0.0021	3.33E-15
2089 Mar	75.2	0.0651	0.0164	0.0012	16.9	0.0303	5.94	0.0012	0.0012	0.00000598	0.00855	0.00162	0.0115	0.0313	0.00000598	25.9	0.0000236	0.000371	0.000422	0.00116	0.0907	0.0000012	1.77	3.41	0.0678	0.000283	6.14	0.00163	0.0629	0.00056	0.000221	0.0000978	0.135	0.00000239	0.000081	0.00094	0.0021	3.33E-15
2089 Apr	75.7	0.0655	0.0165	0.0012	17	0.0305	5.98	0.0012	0.0012	0.00000602	0.0086	0.00163	0.0116	0.0315	0.00000602	26.1	0.0000237	0.000373	0.000424	0.00117	0.0912	0.000012	1.78	3.43	0.0682	0.000285	6.17	0.00163	0.0633	0.000563	0.000222	0.0000984	0.135	0.00000241	0.0000814	0.000946	0.00212	3.35E-15

Appendix D.2-8: B6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	61	0.0594	0.0814	0.00195	15.2	0.0277	5.48	0.000962	0.000962	0.00000487	0.00705	0.0209	0.0115	0.0168	0.00000487	15.3	0.0000185	0.000274	0.000187	0.000862	0.0523	0.00000962	1.33	2.28	0.0304	0.000268	6.35	0.00125	0.049	0.000179	0.000156	0.0000638	0.093	0.00000206	0.0000821	0.00057	0.00165	0.00000148
Operation (2026-2036): Mean	95.4	0.107	0.325	0.00544	29.5	0.0369	14.1	0.00105	0.00105	0.00000544	0.00813	0.026	0.0258	0.0205	0.00000552	18.9	0.0000235	0.00062	0.000245	0.00106	0.0607	0.0000116	1.79	3.28	0.0412	0.000453	14.1	0.00251	0.0529	0.000262	0.000249	0.0000907	0.125	0.00000277	0.000197	0.000647	0.00196	0.000009
Operation (2026-2036): Max	166	0.206	0.834	0.0121	59.7	0.0525	30.9	0.00123	0.00123	0.00000637	0.00949	0.0336	0.0508	0.0238	0.00000646	23.2	0.0000295	0.00122	0.000304	0.00142	0.0702	0.0000144	2.71	5.29	0.0531	0.000807	30.4	0.00469	0.061	0.000374	0.000363	0.000139	0.187	0.00000359	0.000412	0.000771	0.00237	0.000025
2092 Jun	65.8	0.0589	0.0145	0.000983	15.2	0.0257	5.31	0.000983	0.000983	0.00000492	0.00692	0.0014	0.00947	0.0279	0.00000492	23.1	0.0000187	0.000322	0.000384	0.001	0.0793	0.0000983	1.55	3.05	0.062	0.000252	5.43	0.00139	0.0525	0.000515	0.000174	0.0000867	0.12	0.00000197	0.0000686	0.000813	0.00168	1.08E-15
2092 Jul	65.9	0.0586	0.0145	0.000993	15.1	0.0259	5.3	0.000993	0.000993	0.00000496	0.00699	0.00141	0.00956	0.0279	0.00000496	23.1	0.0000189	0.000322	0.000383	0.00101	0.0794	0.00000993	1.55	3.04	0.0617	0.000252	5.44	0.0014	0.0528	0.000513	0.000176	0.0000868	0.12	0.00000199	0.000069	0.000814	0.0017	1.07E-15
2092 Aug	68.9	0.0612	0.0151	0.00104	15.8	0.0272	5.54	0.00104	0.00104	0.00000519	0.0073	0.00147	0.01	0.0292	0.00000519	24.1	0.0000197	0.000337	0.000399	0.00105	0.0829	0.0000104	1.62	3.18	0.0644	0.000264	5.68	0.00146	0.0552	0.000535	0.000184	0.0000906	0.125	0.00000208	0.0000721	0.000849	0.00177	1.11E-15
2092 Sep	69	0.0615	0.0151	0.00104	15.9	0.0274	5.56	0.00104	0.00104	0.00000521	0.00733	0.00147	0.0101	0.0292	0.00000521	24.2	0.0000197	0.000337	0.000399	0.00105	0.083	0.0000104	1.62	3.18	0.0643	0.000267	5.69	0.00146	0.0554	0.000534	0.000184	0.0000908	0.126	0.00000209	0.0000724	0.000848	0.00178	1.11E-15
2092 Oct	68.5	0.0614	0.015	0.00104	15.8	0.0273	5.52	0.00104	0.00104	0.00000518	0.00729	0.00146	0.01	0.029	0.00000518	24	0.0000196	0.000335	0.000395	0.00105	0.0824	0.0000104	1.61	3.15	0.0637	0.000267	5.65	0.00145	0.0551	0.000528	0.000182	0.00009	0.125	0.00000207	0.000072	0.000839	0.00176	1.1E-15
2092 Nov	68.5	0.0616	0.0149	0.00104	15.7	0.0274	5.52	0.00104	0.00104	0.00000518	0.0073	0.00146	0.01	0.0289	0.00000518	23.9	0.0000196	0.000334	0.000394	0.00105	0.0822	0.0000104	1.61	3.15	0.0634	0.000268	5.65	0.00145	0.0551	0.000526	0.000181	0.0000898	0.124	0.00000207	0.0000721	0.000836	0.00176	1.09E-15
2092 Dec	68.5	0.0617	0.0149	0.00104	15.7	0.0274	5.53	0.00104	0.00104	0.00000518	0.0073	0.00146	0.01	0.0289	0.00000518	23.9	0.0000196	0.000334	0.000394	0.00105	0.0822	0.0000104	1.61	3.15	0.0634	0.000269	5.65	0.00145	0.0552	0.000526	0.000181	0.0000898	0.124	0.00000207	0.0000722	0.000837	0.00176	1.09E-15
2093 Jan	68.5	0.0617	0.015	0.00104	15.8	0.0275	5.53	0.00104	0.00104	0.00000518	0.0073	0.00146	0.01	0.0289	0.00000518	24	0.0000196	0.000334	0.000394	0.00105	0.0822	0.0000104	1.61	3.15	0.0634	0.000269	5.65	0.00145	0.0552	0.000526	0.000181	0.0000898	0.125	0.00000207	0.0000722	0.000837	0.00176	1.09E-15
2093 Feb	68.5	0.0617	0.015	0.00104	15.8	0.0275	5.53	0.00104	0.00104	0.00000519	0.0073	0.00146	0.01	0.0289	0.00000519	24	0.0000196	0.000334	0.000395	0.00105	0.0823	0.0000104	1.61	3.15	0.0635	0.000269	5.65	0.00145	0.0552	0.000526	0.000181	0.0000898	0.125	0.00000207	0.0000722	0.000837	0.00176	1.09E-15
2093 Mar	68.8	0.0619	0.015	0.00104	15.8	0.0275	5.55	0.00104	0.00104	0.0000052	0.00733	0.00147	0.0101	0.029	0.0000052	24	0.0000196	0.000335	0.000396	0.00105	0.0825	0.0000104	1.61	3.16	0.0637	0.00027	5.67	0.00146	0.0553	0.000528	0.000182	0.0000901	0.125	0.00000208	0.0000724	0.00084	0.00177	1.1E-15
2093 Apr	69.2	0.0623	0.0151	0.00105	15.9	0.0277	5.58	0.00105	0.00105	0.00000523	0.00737	0.00148	0.0101	0.0292	0.00000523	24.2	0.0000198	0.000337	0.000398	0.00106	0.083	0.0000105	1.62	3.18	0.0641	0.000271	5.71	0.00146	0.0557	0.000531	0.000183	0.0000906	0.126	0.00000209	0.0000729	0.000845	0.00178	1.1E-15
2093 May	70.6	0.0633	0.0155	0.00106	16.2	0.0279	5.69	0.00106	0.00106	0.0000053	0.00746	0.00151	0.0102	0.0299	0.0000053	24.7	0.0000201	0.000344	0.000409	0.00108	0.0848	0.0000106	1.66	3.25	0.0659	0.000274	5.82	0.00149	0.0565	0.000547	0.000186	0.0000927	0.129	0.00000212	0.0000739	0.000866	0.0018	1.1E-15
2093 Jun	69	0.0603	0.0154	0.00101	15.9	0.0258	5.55	0.00101	0.00101	0.00000505	0.00707	0.00147	0.00963	0.0295	0.00000505	24.3	0.0000194	0.000338	0.000411	0.00104	0.0837	0.0000101	1.62	3.22	0.0667	0.000251	5.7	0.00145	0.0541	0.000558	0.000184	0.0000918	0.127	0.00000202	0.0000706	0.000868	0.00174	9.18E-16
2093 Jul	71.7	0.0625	0.016	0.00105	16.5	0.0269	5.76	0.00105	0.00105	0.00000526	0.00736	0.00152	0.01	0.0307	0.00000526	25.3	0.0000202	0.000352	0.000426	0.00108	0.087	0.0000105	1.68	3.35	0.0692	0.000261	5.92	0.00151	0.0563	0.000579	0.000192	0.0000953	0.132	0.00000221	0.0000734	0.000901	0.00181	9.51E-16
2093 Aug	74.2	0.0647	0.0166	0.00109	17.1	0.0279	5.96	0.00109	0.00109	0.00000545	0.00762	0.00158	0.0104	0.0317	0.00000545	26.1	0.0000209	0.000364	0.000441	0.00112	0.09	0.0000109	1.74	3.46	0.0716	0.000271	6.12	0.00156	0.0582	0.000598	0.000198	0.0000986	0.136	0.00000218	0.000076	0.000931	0.00187	9.83E-16
2093 Sep	74.4	0.0653	0.0166	0.00109	17.1	0.0282	5.99	0.00109	0.00109	0.00000547	0.00767	0.00158	0.0104	0.0318	0.00000547	26.2	0.0000209	0.000364	0.000441	0.00113	0.0902	0.0000109	1.75	3.47	0.0716	0.000274	6.14	0.00157	0.0585	0.000598	0.000198	0.0000988	0.137	0.00000219	0.0000764	0.000932	0.00188	9.82E-16
2093 Oct	70.7	0.0646	0.0155	0.00105	16.3	0.0277	5.73	0.00105	0.00105	0.00000524	0.00741	0.0015	0.0101	0.03	0.00000524	24.8	0.0000199	0.000344	0.000412	0.00108	0.0851	0.0000105	1.66	3.27	0.0664	0.000275	5.84	0.00149	0.0563	0.000552	0.000184	0.0000927	0.129	0.0000021	0.0000739	0.000867	0.00177	9.06E-16
2093 Nov	69.5	0.0649	0.0151	0.00104	16.1	0.0278	5.65	0.00104	0.00104	0.00000518	0.00735	0.00148	0.01	0.0294	0.00000518	24.4	0.0000196	0.000338	0.000402	0.00106	0.0834	0.0000104	1.63	3.21	0.0645	0.000279	5.75	0.00146	0.0557	0.000535	0.000178	0.0000907	0.127	0.00000207	0.0000734	0.000845	0.00174	8.78E-16
2093 Dec	69.5	0.0651	0.0151	0.00104	16.1	0.0279	5.66	0.00104	0.00104	0.00000519	0.00736	0.00148	0.01	0.0294	0.00000519	24.4	0.0000196	0.000338	0.000402	0.00107	0.0834	0.0000104	1.63	3.21	0.0645	0.00028	5.75	0.00146	0.0558	0.000535	0.000178	0.0000906	0.127	0.00000208	0.0000735	0.000844	0.00174	8.77E-16
2094 Jan	69.6	0.0651	0.0151	0.00104	16.1	0.0279	5.66	0.00104	0.00104	0.00000519	0.00736	0.00148	0.01	0.0294	0.00000519	24.4	0.0000196	0.000338	0.000402	0.00107	0.0834	0.0000104	1.63	3.21	0.0645	0.00028	5.75	0.00146	0.0558	0.000535	0.000178	0.0000906	0.127	0.00000208	0.0000735	0.000844	0.00174	8.77E-16
2094 Feb	69.6	0.0651	0.0151	0.00104	16.1	0.0279	5.66	0.00104	0.00104	0.00000519	0.00736	0.00148	0.01	0.0295	0.00000519	24.4	0.0000196	0.000338	0.000402	0.00107	0.0834	0.0000104	1.63	3.21	0.0645	0.00028	5.75	0.00146	0.0558	0.000535	0.000178	0.0000907	0.127	0.00000208	0.0000735	0.000845	0.00174	8.77E-16
2094 Mar	69.7	0.0652	0.0151	0.00104	16.1	0.0279	5.67	0.00104	0.00104	0.0000052	0.00737	0.00148	0.01	0.0295	0.0000052	24.4	0.0000196	0.000338	0.000403	0.00107	0.0836	0.0000104	1.63	3.22	0.0647	0.00028	5.76	0.00146	0.0559	0.000536	0.000178	0.0000908	0.127	0.00000208	0.0000737	0.000846	0.00175	8.78E-16
2094 Apr	70	0.0655	0.0152	0.00104	16.2	0.028	5.7	0.00104	0.00104	0.00000522	0.0074	0.00149	0.0101	0.0296	0.00000522	24.5	0.0000197	0.00034	0.000405	0.00107	0.0839	0.0000104	1.64	3.23	0.0649	0.00028	5.79	0.00147	0.0561	0.000538	0.000179	0.0000912	0.127	0.00000209	0.000074	0.00085	0.00175	8.81E-16
2094 May	70.7	0.0656	0.0155	0.00104	16.4	0.0277	5.75	0.00104	0.00104	0.00000521	0.00737	0.0015	0.01	0.0301	0.00000521	24.9	0.0000198	0.000344	0.000414	0.00108	0.0851	0.0000104	1.66	3.28	0.0666	0.000278	5.85	0.00148	0.0561	0.000553	0.000181	0.0000926	0.129	0.00000208	0.000074	0.000866	0.00175	8.48E-16
2094 Jun	71.9	0.0654	0.016	0.00103	16.7	0.0269	5.84	0.00103	0.00103	0.00000516	0.00727	0.00152	0.00983	0.0309	0.00000516	25.5	0.0000198	0.000351	0.000432	0.00109	0.0872	0.0000103	1.69	3.38	0.07	0.000269	5.96	0.0015	0.0559	0.000585	0.000184	0.0000953	0.133	0.00000206	0.0000736	0.000899	0.00175	7.66E-16
2094 Jul	76.8	0.0698	0.0171	0.0011	17.8	0.0287	6.24	0.0011	0.0011	0.00000551	0.00777	0.00162	0.0105	0.033	0.00000551	27.2	0.0000212	0.000375	0.000461	0.00116	0.0931	0.0000111	1.8	3.6	0.0747	0.000287	6.36	0.0016	0.0597	0.000624	0.000197	0.0001002	0.142	0.00000221	0.0000786	0.000959	0.00187	8.18E-16
2094 Aug	82.1	0.0746	0.0183	0.00118	19	0.0307	6.67	0.00118	0.00118	0.0000059	0.0083	0.00174	0.0112	0.0353	0.0000059	29.1	0.0000226	0.0004001	0.000492	0.00124	0.0996	0.0000118	1.92	3.85	0.0798	0.000307	6.8	0.00171	0.0639	0.000667	0.000211	0.000109	0.152	0.00000236	0.000084	0.00103	0.002	8.74E-16
2094 Sep	82	0.0751	0.0182	0.00118	19	0.0309	6.67	0.00118	0.00118	0.0000059	0.00832	0.00174	0.0113	0.0352	0.0000059	29	0.0000226	0.0004	0.00049	0.00124	0.0993	0.0000118	1.92	3.84	0.0794	0.00031	6.79	0.00171	0.0639	0.000663	0.000209	0.000108	0.151	0.00000236	0.0000842	0.00102	0.002	8.69E-16
2094 Oct	79	0.0742	0.0174	0.00114	18.4	0.0305	6.45	0.00114	0.00114	0.00000572	0.00811	0.00167	0.011	0.0338	0.00000572	27.9	0.0000218	0.000384	0.000468	0.0012	0.0953	0.0000114	1.85	3.69	0.0754	0.00031	6.55	0.00165	0.0621	0.000628	0.000199	0.000104	0.145	0.00000229	0.0000821	0.000971	0.00192	8.22E-16
2094 Nov	76	0.0733	0.0165	0.00111	17.7	0.0301	6.24	0.00111	0.00111	0.00000554	0.0079	0.00161	0.0107	0.0323	0.00000554	26.8	0.0000211	0.000367	0.000444	0.00116	0.0912	0.0000111	1.78	3.53	0.0712	0.00031	6.3	0.00158	0.0602	0.000592	0.000188	0.0000988	0.139	0.00000222	0.00008	0.00092	0.00184	7.73E-16
2094 Dec	75.7	0.0734	0.0164	0.00111	17.6	0.0301	6.22	0.00111	0.00111	0.00000553	0.00789	0.0016	0.0107	0.0322	0.00000553	26.6	0.0000209	0.000366	0.000441	0.00116	0.0907	0.0000111	1.77	3.51	0.0707	0.000311	6.27	0.00157	0.0601	0.000587	0.000186	0.0000983	0.138	0.00000221	0.0000799	0.000914	0.00184	7.67E-16
2095 Jan	75.7	0.0735	0.0164	0.00111	17.6	0.0301	6.22	0.00111	0.00111	0.00000553	0.00789	0.0016	0.0107	0.0322	0.00000553	26.6	0.0000209	0.000366	0.000442	0.00116	0.0908	0.0000111	1.77	3.51	0.0708	0.000311	6.28	0.00157	0.0601	0.000587	0.000186	0.0000983	0.138	0.00000221	0.0000799	0.000914	0.00184	7.67E-16
2095 Feb	75.8	0.0735	0.0164	0.00111	17.7	0.0301	6.22	0.00111	0.00111	0.00000553	0.00789	0.0016	0.0107	0.0322	0.00000553	26.7	0.0000209	0.000366	0.000442	0.00116	0.0908	0.0000111	1.77	3.51	0.0708	0.000311	6.28	0.00158	0.0601	0.000587	0.000186	0.0000983	0.139	0.00000221	0.0000799	0.000915	0.00184	7.67E-16
2095 Mar	75.8	0.0736	0.0164	0.00111	17.7	0.0302	6.23	0.00111	0.00111	0.00000554	0.0079	0.00161	0.0107	0.0323	0.00000554	26.7	0.0000209	0.000366	0.000443	0.00116	0.0909	0.0000111	1.77	3.52	0.0709	0.000311	6.29	0.00158	0.0602	0.000588	0.000186	0.0000984	0.139	0.00000221	0.00008	0.000916	0.00184	7.67E-16
2095 Apr	76.2	0.074	0.0165	0.00111	17.8	0.0303	6.26	0.00111	0.00111	0.00000556	0.00794	0.00161	0.0107	0.0324	0.00000556	26.8	0.00002	0.000368	0.000445	0.00117	0.0914	0.0000111	1.78	3.54	0.0713	0.000313	6.32	0.00159	0.0605	0.000591	0.000187	0.0000989	0.139	0.00000223	0.0000804	0.000921	0.00185	7.71E-16
2095 May	76.7	0.074	0.0167	0.00111	17.9	0.0301	6.3	0.00111	0.00111	0.00000556	0.00792	0.00162	0.0107	0.0327	0.00000556	27.1	0.0000211	0.000371	0.000451	0.00117	0.0922	0.0000111	1.79	3.57	0.0724	0.000311	6.36	0.00159	0.0606	0.000601	0.000189	0.0000999	0.141	0.00000222	0.0000805	0.000932	0.00185	7.54E-16
2095 Jun	78.4	0.0747	0.0172	0.00112	18.3	0.0301	6.43	0.00112	0.00112	0.00000561	0.00798	0.00165	0.0108	0.0336	0.00000561	27.7	0.0000214	0.000378	0.000466	0.00119	0.0945	0.0000112	1.83	3.67	0.0751	0.000309	6.5	0.00163	0.0613	0.000626	0.000194	0.0001003	0.144	0.00000225	0.0000813	0.000962	0.00188	7.27E-16
2095 Jul	83.4	0.0795	0.0183	0.0012	19.4	0.032	6.84	0.0012	0.0012	0.00000598	0.00849	0.00176	0.0115	0.0357	0.00000598	29.5	0.0000228	0.000404	0.000496	0.00127	0.101	0.0000012	1.95	3.9	0.0799	0.000329	6.92	0.00173	0.0652	0.000666	0.000206	0.000109	0.154	0.00000239	0.0000865	0.00102	0.002	7.73E-16
2095 Aug	83.4	0.0795	0.0183	0.0012	19.5	0.0321	6.84	0.0012	0.0012	0.00000599	0.0085	0.00176	0.0115	0.0357	0.00000599	29.5	0.0000228	0.000404	0.000495	0.00127	0.101	0.0000012	1.95	3.9	0.0798	0.00033	6.92	0.00173	0.0653	0.000664	0.000206	0.000109	0.154	0.00000239	0.0000866	0.00102	0.002	7.72E-16
2095 Sep	83.5	0.0798	0.0183	0.0012	19.5	0.0324	6.86	0.0012	0.0012	0.00000601	0.00853	0.00177	0.0116	0.0357	0.00000601	29.5	0.0000227	0.000404	0.000494	0.00127	0.101	0.0000012	1.95	3.9	0.0796	0.000334	6.93	0.00173	0.0654	0.000662	0.000205	0.000109	0.154	0.00000024	0.0000869	0.00102	0.002	7.69E-16
2095 Oct	83.5	0.0799	0.0183	0.0012	19.5	0.0325	6.86	0.0012	0.0012	0.00000601	0.00853	0.00177	0.0116	0.0357	0.00000601	29.5	0.0000227	0.000404	0.000494	0.00127	0.1	0.0000012	1.95	3.9	0.0795	0.000334	6.93	0.00173	0.0655	0.000661	0.000205	0.000109	0.154	0.00000241	0.000087	0.00102	0.002	7.68E-16
2095 Nov	82.4	0.0794	0.018	0.00119	19.2	0.0323	6.77	0.00119	0.00119	0.00000594	0.00845	0.00174	0.0115	0.0352	0.00000594	29.1	0.0000224	0.000398	0.000486	0.00126	0.099	0.0000119	1.93	3.84	0.078	0.000333	6.84	0.00171	0.0647	0.000648	0.000201	0.000107	0.151	0.00000238	0.0000861	0.001	0.00197	7.53E-16
2095 Dec	82.1	0.0795	0.0179	0.00119	19.2	0.0323	6.76	0.00119	0.00119	0.00000593	0.00844	0.00174	0.0114	0.035	0.00000593	29	0.0000224	0.000397	0.000483	0.00125	0.0986	0.0000119	1.92	3.82	0.0775	0.000335	6.82	0.0017	0.0646	0.000644	0.0002	0.000107	0.151	0.00000237	0.0000861	0.000994	0.00197	7.48E-16
2096 Jan	82.1	0.0795	0.0179	0.00119	19.2	0.0323	6.76	0.00119	0.00119	0.00000593	0.00844	0.00174	0.0114	0.0351	0.00000593	29	0.0000224	0.000397	0.000483	0.00125	0.0986	0.0000119	1.92	3.83	0.0776	0.000335	6.82	0.0017	0.0647	0.000644	0.0002	0.000107	0.151	0.00000237	0.0000861	0.000994	0.00196	7.47E-16
2096 Feb	82.2	0.0796	0.0179	0.00119	19.2	0.0323	6.76	0.00119	0.00119	0.00000594	0.00844	0.00174	0.0115	0.0351	0.00000594	29	0.0000224	0.000397	0.000484	0.00125	0.0987	0.0000119	1.92	3.83	0.0777	0.000335	6.82	0.0017	0.0647	0.000644	0.0002	0.000107	0.151	0.00000237	0.0000861	0.000995	0.00197	7.47E-16
2096 Mar	82.3	0.0797	0.0179	0.00119	19.2	0.0324	6.77	0.00119	0.00119	0.00000594	0.00845	0.00174	0.0115	0.0351	0.00000594	29.1	0.0000224	0.000398	0.000484	0.00126	0.0988	0.0000119	1.92	3.83	0.0778	0.000335	6.83	0.00171	0.0648	0.000645	0.0002	0.000107	0.151	0.00000238	0.0000862	0.000997	0.00197	7.48E-16
2096 Apr	82.7	0.0801	0.018	0.00119	19.3	0.0325	6.81	0.00119	0.00119	0.00000597	0.00849	0.00175	0.0115	0.0353	0.00000597	29.2	0.0000225	0.0004	0.000487	0.00126	0.0993	0.0000119	1.93	3.85	0.0782	0.000337	6.87	0.00172	0.0651	0.000648	0.000201	0.000108	0.152	0.00000239	0.0000866	0.001	0.00198	7.52E-16
2096 May	83.7	0.0807	0.0183	0.0012	19.6	0.0327	6.88	0.0012	0.0012	0.00000602	0.00855	0.00177	0.0116	0.0358	0.00000602	29.6	0.0000227	0.000405	0.000494	0.00127	0.101	0.0000012	1.96	3.91	0.0795	0.000338	6.95	0.00173	0.0656	0.00066	0.000204	0.000109	0.154	0.00000241	0.0000873	0.00102	0.00199	7.48E-16
2096 Jun	73.4	0.0673	0.0161	0.00109	16.9	0.0285	5.93	0.00109	0.00109	0.00000546	0.00777	0.00156	0.0105	0.0311	0.00000546	25.7	0.0000211	0.000359	0.000428	0.00112	0.0885	0.0000109	1.72	3.4	0.069	0.000283	6.05	0.00155	0.0587	0.000573	0.000194	0.000096	0.134	0.00000218	0.000077	0.00091	0.00187	5.8E-16
2096 Jul	75.2	0.0685	0.0165	0.00113	17.3	0.0293	6.06	0.00113	0.00113	0.00000563	0.00802	0.0016	0.0108	0.0318	0.00000563	26.3	0.0000218	0.000368	0.000436	0.00115	0.0906	0.0000113	1.76	3.47	0.0703	0.000289	6.19	0.00159	0.0604	0.000583	0.000202	0.000098	0.137	0.00000225	0.000079	0.000932	0.00193	5.88E-16
2096 Aug	79.3	0.0722	0.0174	0.00119	18.2	0.0309	6.39	0.00119	0.00119	0.00000594	0.00847	0.00169	0.0114	0.0335	0.00000594	27.7	0.0000223	0.000388	0.00046	0.00121	0.0955	0.0000119	1.86	3.66	0.0742	0.000305	6.53	0.00167	0.0637	0.000615	0.000213	0.000104	0.144	0.00000238	0.0000834	0.000983	0.00204	6.2E-16
2096 Sep	78.2	0.0724	0.017	0.00118	18	0.031	6.32	0.00118	0.00118	0.00000589	0.00841	0.00166	0.0114	0.033	0.00000589	27.3	0.0000227	0.000382	0.000451	0.0012	0.094	0.0000118	1.83	3.6	0.0725	0.000308	6.44	0.00165	0.0632	0.0006	0.000208	0.000102	0.142	0.00000235	0.0000829	0.000962	0.00201	6.05E-16
2096 Oct	74.5	0.0715	0.016	0.00113	17.2	0.0305	6.06	0.00113	0.00113	0.00000565	0.00813	0.00159	0.011	0.0313	0.00000565	26	0.0000217	0.000362	0.000423	0.00115	0.089	0.0000113	1.74	3.41	0.0676	0.000309	6.14	0.00157	0.0608	0.000557	0.000193	0.0000959	0.135	0.00000226	0.0000802	0.000899	0.0019	5.6E-16
2096 Nov	74.3	0.0717	0

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.00000949	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
Active Closure (2037-2043): Min	45.5	0.0351	0.0126	0.000947	10.6	0.0216	3.94	0.000816	0.000816	0.00000409	0.00592	0.00223	0.00829	0.0152	0.00000409	13.6	0.0000162	0.000211	0.000136	0.000809	0.0456	0.0000082	1.04	1.64	0.016	0.000189	3.89	0.00103	0.0442	0.0000911	0.000108	0.0000442	0.0667	0.00000165	0.0000621	0.000343	0.0014	2.98E-08
Active Closure (2037-2043): Mean	72.1	0.0607	0.0218	0.00128	16.2	0.0307	5.8	0.00118	0.00118	0.00000592	0.00837	0.00648	0.0116	0.029	0.00000592	24.1	0.0000228	0.000353	0.000382	0.00112	0.0849	0.0000118	1.68	3.17	0.0608	0.000276	5.99	0.00158	0.0611	0.000499	0.000215	0.0000916	0.125	0.00000238	0.0000809	0.000865	0.00207	0.000000134
Active Closure (2037-2043): Max	111	0.103	0.0357	0.00167	26.1	0.0391	9.26	0.00152	0.00152	0.00000762	0.0109	0.0169	0.0148	0.0473	0.00000762	38.9	0.0000303	0.000547	0.00067	0.00165	0.134	0.0000153	2.57	5.22	0.109	0.000403	9.4	0.00231	0.0838	0.000912	0.000282	0.000145	0.205	0.00000306	0.000115	0.0014	0.00261	0.0000003
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	52.6	0.0257	0.0123	0.00106	9.5	0.023	3.62	0.000929	0.000929	0.00000466	0.00612	0.001	0.00903	0.0148	0.00000466	12.7	0.0000173	0.000214	0.000161	0.000735	0.0472	0.00000839	1.05	1.63	0.0238	0.00016	3.73	0.00111	0.043	0.000179	0.00015	0.0000537	0.0649	0.00000186	0.0000584	0.000484	0.00156	1.58E-16
Post Closure (2044-2099): Mean	74.5	0.0527	0.018	0.0012	15.2	0.0277	5.7	0.00107	0.00107	0.00000537	0.00729	0.00138	0.0106	0.0254	0.00000537	21.2	0.0000199	0.000306	0.000337	0.00101	0.0732	0.00000997	1.52	2.82	0.0533	0.000246	5.58	0.00145	0.0516	0.000437	0.000187	0.0000832	0.111	0.00000215	0.0000737	0.000754	0.00181	1.55E-09
Post Closure (2044-2099): Max	94.5	0.0783	0.0235	0.00137	20	0.033	7.45	0.00125	0.00125	0.00000625	0.00854	0.00227	0.0122	0.0341	0.00000625	28.1	0.0000245	0.0004	0.000481	0.00125	0.0978	0.0000118	1.93	3.78	0.0787	0.000336	7.11	0.0018	0.063	0.000663	0.000248	0.000111	0.148	0.00000025	0.0000903	0.00106	0.00222	3.03E-08
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	61.9	0.0657	0.0663	0.00262	15.5	0.0285	5.34	0.000978	0.000978	0.00000493	0.00711	0.0234	0.0109	0.0224	0.00000493	18.9	0.0000188	0.000286	0.00028	0.000907	0.0744	0.00000978	1.41	2.48	0.0461	0.000266	6.5	0.00128	0.0476	0.000344	0.000162	0.0000698	0.113	0.000003	0.0000777	0.000639	0.00167	0.000016
2026 Feb	62	0.0657	0.0663	0.00262	15.5	0.0285	5.35	0.000978	0.000978	0.00000493	0.00711	0.0234	0.0109	0.0225	0.00000493	19	0.0000188	0.000286	0.00028	0.000907	0.0744	0.00000978	1.41	2.48	0.0461	0.000266	6.5	0.00128	0.0476	0.000345	0.000162	0.0000698	0.113	0.000003	0.0000777	0.000639	0.00167	0.000016
2026 Mar	62	0.0658	0.0663	0.00262	15.5	0.0285	5.35	0.000979	0.000979	0.00000493	0.00713	0.0234	0.0109	0.0225	0.00000493	19	0.0000188	0.000286	0.00028	0.000908	0.0744	0.00000979	1.41	2.48	0.0462	0.000266	6.51	0.00129	0.0476	0.000345	0.000163	0.0000699	0.114	0.000003	0.0000778	0.00064	0.00167	0.000016
2026 Apr	62.2	0.066	0.0665	0.00263	15.5	0.0286	5.37	0.000982	0.000982	0.00000495	0.00713	0.0266	0.011	0.0225	0.00000495	19	0.0000189	0.000287	0.00028	0.000911	0.0747	0.00000982	1.41	2.49	0.0463	0.000267	6.53	0.00129	0.0478	0.000346	0.000163	0.0000701	0.114	0.00000301	0.000078	0.00064	0.00168	0.0000161
2026 May	62.9	0.0667	0.0673	0.00266	15.7	0.0289	5.43	0.000993	0.000993	0.00000501	0.00722	0.0274	0.0111	0.0228	0.00000501	19.3	0.0000191	0.000291	0.000284	0.000921	0.0756	0.00000993	1.43	2.52	0.0469	0.00027	6.61	0.00131	0.0483	0.00035	0.000165	0.0000709	0.115	0.00000305	0.0000789	0.000649	0.0017	0.0000162
2026 Jun	58.8	0.0592	0.0652	0.00252	14.5	0.0274	5.09	0.000974	0.000974	0.00000491	0.00711	0.0238	0.0111	0.0207	0.00000491	17.6	0.0000192	0.00028	0.000253	0.000862	0.0684	0.00000976	1.34	2.3	0.0416	0.000247	6.13	0.00126	0.0472	0.000307	0.000171	0.000066	0.105	0.00000289	0.0000765	0.000614	0.00172	0.0000144
2026 Jul	60.3	0.0602	0.0686	0.00261	14.8	0.0282	5.26	0.001	0.001	0.00000506	0.00734	0.0244	0.0116	0.021	0.00000507	17.9	0.0000199	0.000289	0.000255	0.000883	0.0694	0.0000101	1.37	2.35	0.042	0.000252	6.31	0.00131	0.0487	0.000309	0.000179	0.0000675	0.107	0.00000297	0.0000795	0.000628	0.00178	0.0000147
2026 Aug	61.5	0.0613	0.0695	0.00265	15.1	0.0289	5.36	0.00103	0.00103	0.00000518	0.00749	0.0252	0.0118	0.0215	0.00000518	18.2	0.0000202	0.000294	0.000259	0.000902	0.0707	0.0000103	1.4	2.39	0.0427	0.000259	6.42	0.00133	0.0497	0.000314	0.000181	0.0000689	0.109	0.00000303	0.000081	0.000637	0.00182	0.0000149
2026 Sep	62.4	0.0622	0.0704	0.00269	15.3	0.0294	5.44	0.00104	0.00104	0.00000526	0.0076	0.026	0.012	0.0218	0.00000526	18.5	0.0000205	0.000299	0.000263	0.000916	0.0717	0.0000105	1.42	2.43	0.0433	0.000263	6.52	0.00135	0.0505	0.000318	0.000184	0.0000699	0.11	0.00000308	0.0000822	0.000645	0.00184	0.0000151
2026 Oct	61.8	0.0625	0.069	0.00264	15.2	0.0294	5.4	0.00103	0.00103	0.00000521	0.00755	0.0258	0.0119	0.0215	0.00000522	18.3	0.0000202	0.000295	0.000259	0.00091	0.0708	0.0000104	1.4	2.4	0.0425	0.000266	6.44	0.00134	0.0502	0.000311	0.00018	0.0000689	0.109	0.00000304	0.0000817	0.000634	0.00182	0.0000148
2026 Nov	61.9	0.0628	0.069	0.00265	15.2	0.0296	5.41	0.00104	0.00104	0.00000523	0.00758	0.0258	0.0119	0.0216	0.00000523	18.4	0.0000203	0.000296	0.00026	0.000913	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0504	0.000311	0.00018	0.0000691	0.109	0.00000304	0.0000882	0.000635	0.00182	0.0000148
2026 Dec	62	0.0629	0.069	0.00265	15.2	0.0296	5.41	0.00104	0.00104	0.00000523	0.00759	0.0258	0.0119	0.0216	0.00000523	18.4	0.0000203	0.000296	0.00026	0.000913	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0504	0.000311	0.00018	0.0000691	0.109	0.00000304	0.0000882	0.000635	0.00182	0.0000148
2027 Jan	62	0.0629	0.069	0.00265	15.2	0.0296	5.41	0.00104	0.00104	0.00000523	0.00759	0.0257	0.0119	0.0216	0.00000523	18.4	0.0000203	0.000296	0.00026	0.000914	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0504	0.000311	0.00018	0.0000691	0.109	0.00000304	0.0000882	0.000635	0.00182	0.0000148
2027 Feb	62	0.0629	0.069	0.00264	15.2	0.0296	5.42	0.00104	0.00104	0.00000523	0.00759	0.0257	0.0119	0.0216	0.00000524	18.4	0.0000203	0.000296	0.00026	0.000914	0.071	0.0000104	1.41	2.41	0.0425	0.000268	6.45	0.00134	0.0505	0.000311	0.00018	0.0000691	0.109	0.00000304	0.0000882	0.000635	0.00182	0.0000148
2027 Mar	62	0.063	0.069	0.00265	15.3	0.0296	5.42	0.00104	0.00104	0.00000524	0.00759	0.0258	0.0119	0.0216	0.00000524	18.4	0.0000203	0.000296	0.00026	0.000914	0.0711	0.0000104	1.41	2.41	0.0426	0.000268	6.46	0.00134	0.0505	0.000312	0.00018	0.0000692	0.11	0.00000305	0.0000821	0.000636	0.00182	0.0000148
2027 Apr	62.3	0.0633	0.0693	0.00266	15.3	0.0298	5.45	0.00104	0.00104	0.00000526	0.00763	0.0259	0.012	0.0218	0.00000526	18.5	0.0000204	0.000297	0.00026	0.000919	0.0714	0.0000105	1.42	2.42	0.0428	0.000269	6.49	0.00135	0.0507	0.000313	0.000181	0.0000695	0.11	0.00000306	0.0000825	0.000639	0.00183	0.0000148
2027 May	63.3	0.0642	0.0704	0.0027	15.6	0.0302	5.53	0.00106	0.00106	0.00000534	0.00774	0.0273	0.0122	0.0221	0.00000534	18.8	0.0000207	0.000302	0.00026	0.000933	0.0725	0.0000106	1.44	2.46	0.0435	0.000273	6.59	0.00137	0.0515	0.000318	0.000184	0.0000706	0.112	0.00000311	0.0000837	0.000649	0.00186	0.0000151
2027 Jun	63.2	0.0628	0.0984	0.0029	16.1	0.0292	6.21	0.00102	0.00102	0.00000517	0.00753	0.0259	0.0135	0.0201	0.00000518	17.3	0.0000207	0.000327	0.000238	0.000889	0.0659	0.0000104	1.39	2.37	0.0392	0.000271	7.07	0.00145	0.0494	0.00028	0.000193	0.0000685	0.105	0.00000291	0.0000937	0.000615	0.00185	0.0000131
2027 Jul	67.6	0.0676	0.133	0.00331	17.9	0.0302	7.33	0.00104	0.00104	0.00000526	0.00769	0.025	0.0155	0.0199	0.00000528	17.3	0.0000215	0.00037	0.000234	0.000908	0.0646	0.0000107	1.44	2.47	0.0387	0.000292	6.98	0.00161	0.0501	0.00027	0.000206	0.0000714	0.107	0.00000292	0.000109	0.00062	0.0019	0.0000127
2027 Aug	70.5	0.0705	0.138	0.00345	18.7	0.0316	7.64	0.00108	0.00108	0.00000549	0.00802	0.0266	0.0161	0.0207	0.00000551	18.1	0.0000224	0.000386	0.000244	0.000948	0.0674	0.0000112	1.51	2.58	0.0404	0.000305	8.42	0.00168	0.0523	0.000282	0.000215	0.0000745	0.111	0.00000305	0.000114	0.000647	0.00199	0.0000132
2027 Sep	70.2	0.0707	0.137	0.00342	18.6	0.0317	7.61	0.00108	0.00108	0.00000548	0.00802	0.0268	0.0161	0.0207	0.0000055	18	0.0000223	0.000384	0.000242	0.000947	0.0671	0.0000111	1.5	2.57	0.04	0.000307	8.37	0.00167	0.0522	0.000278	0.000213	0.000074	0.111	0.00000304	0.000113	0.000641	0.00197	0.0000131
2027 Oct	69.5	0.0707	0.134	0.00337	18.4	0.0316	7.53	0.00107	0.00107	0.00000544	0.00797	0.0266	0.0159	0.0205	0.00000546	17.9	0.0000222	0.000379	0.000239	0.000941	0.0664	0.0000111	1.49	2.54	0.0394	0.000308	8.27	0.00165	0.0519	0.000274	0.000209	0.0000732	0.11	0.000003	0.000112	0.000632	0.00195	0.0000128
2027 Nov	69.5	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000546	17.9	0.0000222	0.000379	0.000239	0.000941	0.0663	0.0000111	1.48	2.54	0.0393	0.000308	8.25	0.00165	0.0519	0.000273	0.000209	0.0000731	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2027 Dec	69.4	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.0000222	0.000378	0.000239	0.000941	0.0663	0.0000111	1.48	2.54	0.0392	0.000309	8.25	0.00165	0.0519	0.000273	0.000209	0.0000731	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Jan	69.4	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.0000222	0.000378	0.000239	0.000941	0.0663	0.0000111	1.48	2.54	0.0393	0.000309	8.25	0.00165	0.0519	0.000273	0.000208	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Feb	69.4	0.0708	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.0000222	0.000378	0.000239	0.000941	0.0663	0.0000111	1.48	2.54	0.0393	0.000309	8.25	0.00165	0.0519	0.000273	0.000209	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Mar	69.5	0.0709	0.134	0.00336	18.4	0.0316	7.52	0.00107	0.00107	0.00000543	0.00796	0.0265	0.0159	0.0205	0.00000545	17.9	0.0000222	0.000378	0.000239	0.000941	0.0663	0.0000111	1.48	2.54	0.0393	0.000309	8.25	0.00165	0.0519	0.000273	0.000209	0.000073	0.109	0.000003	0.000112	0.00063	0.00195	0.0000128
2028 Apr	69.6	0.071	0.134	0.00337	18.5	0.0317	7.54	0.00107	0.00107	0.00000545	0.00797	0.0265	0.0159	0.0205	0.00000547	17.9	0.0000221	0.000379	0.00024	0.000944	0.0665	0.0000111	1.49	2.55	0.0394	0.00031	8.27	0.00166	0.0521	0.000274	0.000209	0.0000732	0.11	0.00000301	0.000112	0.000632	0.00195	0.0000128
2028 May	70.4	0.0718	0.136	0.0034	18.7	0.0321	7.62	0.00109	0.00109	0.00000551	0.00807	0.0271	0.0161	0.0208	0.00000553	18.1	0.0000223	0.000384	0.000242	0.000954	0.0673	0.0000112	1.51	2.58	0.0399	0.000313	8.36	0.00167	0.0527	0.000277	0.000211	0.000074	0.111	0.00000304	0.000114	0.000639	0.00197	0.0000129
2028 Jun	68.1	0.0682	0.132	0.00328	17.9	0.031	7.37	0.00106	0.00106	0.00000539	0.00792	0.0264	0.0158	0.0199	0.00000542	17.4	0.000022	0.000374	0.00023	0.000922	0.0646	0.000011	1.45	2.47	0.0379	0.0003	8.07	0.00163	0.0514	0.000262	0.00021	0.0000716	0.106	0.00000293	0.000111	0.000622	0.00195	0.000012
2028 Jul	69.1	0.0686	0.137	0.00334	18.2	0.0314	7.54	0.00108	0.00108	0.00000548	0.00806	0.0262	0.0162	0.02	0.00000551	17.5	0.0000225	0.000383	0.00023	0.000932	0.0649	0.0000112	1.47	2.5	0.0378	0.000303	8.24	0.00167	0.0522	0.000261	0.000217	0.0000725	0.107	0.00000296	0.000113	0.000629	0.002	0.0000118
2028 Aug	74.9	0.0743	0.148	0.00362	19.8	0.0341	8.17	0.00117	0.00117	0.00000595	0.00873	0.0289	0.0176	0.0216	0.00000597	18.9	0.0000244	0.000415	0.000249	0.00101	0.0704	0.0000121	1.6	2.71	0.041	0.000329	8.93	0.00181	0.0565	0.000282	0.000235	0.0000786	0.116	0.00000321	0.000123	0.000682	0.00216	0.0000128
2028 Sep	74.8	0.0762	0.145	0.00357	19.7	0.0347	8.14	0.00118	0.00118	0.00000597	0.0088	0.0293	0.0175	0.0217	0.00000599	19	0.0000243	0.000411	0.000248	0.00102	0.0702	0.0000121	1.59	2.7	0.0403	0.00034	8.85	0.0018	0.0571	0.000276	0.00023	0.000078	0.115	0.00000319	0.000123	0.000672	0.00215	0.0000125
2028 Oct	63.6	0.0816	0.0969	0.00264	16.6	0.0355	6.81	0.00106	0.00106	0.00000533	0.00818	0.0204	0.0148	0.0191	0.00000535	17	0.0000202	0.000327	0.0002	0.000948	0.0595	0.0000108	1.37	2.29	0.0293	0.000386	7.05	0.00147	0.0537	0.000188	0.000157	0.0000627	0.0969	0.00000267	0.000105	0.000499	0.00173	0.00000824
2028 Nov	63.4	0.0832	0.0938	0.00258	16.6	0.036	6.78	0.00106	0.00106	0.00000535	0.00823	0.0197	0.0148	0.0191	0.00000536	17	0.0000201	0.000324	0.000198	0.000954	0.0592	0.0000108	1.36	2.28	0.0287	0.000396	6.97	0.00146	0.0541	0.000182	0.000153	0.0000621	0.0964	0.00000265	0.000105	0.000489	0.00171	0.0000796
2028 Dec	63.4	0.0834	0.0934	0.00258	16.6	0.0361	6.77	0.00106	0.00106	0.00000535	0.00824	0.0196	0.0148	0.0191	0.00000537	17	0.0000201	0.000324	0.000198	0.000955	0.0592	0.0000108	1.36	2.28	0.0286	0.000397	6.97	0.00146	0.0542	0.000181	0.000152	0.000062	0.0964	0.00000265	0.000105	0.000488	0.00171	0.0000792
2029 Jan	63.5	0.0835	0.0932	0.00257	16.6	0.0361	6.78	0.00106	0.00106	0.00000535	0.00824	0.0196	0.0148	0.0192	0.00000536	17.1	0.0000201	0.000324	0.000199	0.000956	0.0593	0.0000108	1.37	2.29	0.0287	0.000397	6.97	0.00146	0.0542	0.000182	0.000152	0.0000621	0.0966	0.00000265	0.000105	0.000489	0.00171	0.0000079
2029 Feb	63.6	0.0836	0.0931	0.00257	16.6	0.0361	6.78	0.00106	0.00106	0.00000535	0.00823	0.0196	0.0147	0.0192	0.00000536	17.1	0.0000201	0.000324	0.0002	0.000958	0.0595	0.0000108	1.37	2.3	0.0289	0.000397	6.97	0.00146	0.0542	0.000183	0.000152	0.0000622	0.0969	0.00000265	0.000105	0.000491	0.00171	0.0000789
2029 Mar	63.7	0.0837	0.0931	0.00257	16.6	0.0361	6.79	0.00106	0.00106	0.00000535	0.00823	0.0196	0.0147	0.0193	0.00000537	17.2	0.0000201	0.000325	0.000201	0.000959	0.0597	0.0000108	1.37	2.3	0.0291	0.000397	6.98	0.00146	0.0542	0.000184	0.000152	0.0000622	0.0971	0.00000265	0.000105	0.000493	0.00171	0.0000789
2029 Apr	63.9	0.0839	0.0933	0.00258	16.7	0.0361	6.81	0.00106	0.00106	0.00000536	0.00825	0.0196	0.0148	0.0194	0.00000538	17.2	0.0000201	0.000326	0.000202	0.000961	0.0599	0.0000108	1.38	2.31	0.0293	0.000398	7	0.00146	0.0544	0.000185	0.000153	0.0000624	0.0974	0.00000266	0.000105	0.000495	0.00171	0.0000079
2029 May	64.9	0.0852	0.0948	0.00262	17	0.0367	6.92	0.00108	0.00108	0.00000545	0.00838	0.0203	0.015	0.0197	0.00000547	17.5	0.0000205	0.000331	0.000206	0.000978	0.0609	0.000011	1.4	2.35	0.0298	0.000405	7.12	0.00149	0.0553	0.000188	0.000155	0.0000635	0.0991	0.0000027	0.000107	0.000504	0.00174	0.00000802
2029 Jun	56.4	0.0617	0.0672	0.00213	13.6	0.0318	5.41	0.00107	0.00107	0.0000054	0.00823	0.0221	0.0136	0.0172	0.00000541	15.3	0.0000215	0.000294	0.000174	0.00087	0.0556	0.0000109	1.25	2	0.0255	0.00031	5.71	0.00135	0.0529	0.000164	0.000183	0.0000578	0.0841	0.00000252	0.00009	0.000512	0.00189	0.0000549
2029 Jul	34.2	0.0122	0.00988	0.000988	5.87	0.0194	2.05	0.000928	0.000928	0.00000464	0.00689	0.00276	0.00941	0.0107	0.00000464	9.33	0.0000205	0.000189	0.0000966	0.000573	0.0392	0.00000929	0.828	1.13	0.0145	0.000106	2.51	0.000943	0.042	0.000099	0.000208	0.0000406	0.0469	0.00000188	0.0000485	0.000457	0.00192	0.000000314
2029 Aug	36.3	0.0133	0.0104	0.00105	6.3	0.021	2.21	0.000985	0.000985	0.00000493	0.00728	0.00392	0.01	0.0114	0.00000493	9.97	0.0000214	0.0002	0.000102	0.000612	0.0416	0.00000986	0.882	1.2	0.0153	0.000117	2.69	0.001	0.0446	0.000104	0.000217	0.0000432	0.05	0.00000199	0.0000515	0.000477	0.00202	0.0000326
2029 Sep	38.4	0.0194	0.0104	0.00108	6.91	0.0232	2.

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2032 Jun	40.1	0.0374	0.00702	0.000914	8.16	0.0245	2.95	0.000914	0.000914	0.00000457	0.00695	0.0197	0.00943	0.0138	0.00000457	12.1	0.0000184	0.0002	0.000137	0.000688	0.0444	0.00000914	0.947	1.47	0.0191	0.000215	3.09	0.00097	0.0448	0.000131	0.000158	0.0000446	0.0598	0.00000183	0.0000561	0.000435	0.00165	3.72E-10
2032 Jul	30.9	0.0153	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00717	0.00816	0.01	0.00000405	8.73	0.0000175	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0136	0.000114	2.25	0.000825	0.0374	0.0000933	0.000172	0.0000362	0.0434	0.00000162	0.0000432	0.000396	0.00163	9.51E-11
2032 Aug	33.4	0.0181	0.00612	0.000866	6.15	0.0208	2.16	0.000866	0.000866	0.00000433	0.00632	0.00944	0.0089	0.0109	0.00000433	9.56	0.0000175	0.000175	0.000098	0.000571	0.0373	0.00000866	0.809	1.14	0.014	0.000143	2.48	0.000879	0.0398	0.0000931	0.000169	0.0000393	0.0473	0.00000173	0.0000467	0.000391	0.00167	9.27E-11
2032 Sep	35.8	0.0227	0.00633	0.000911	6.85	0.0235	2.42	0.000911	0.000911	0.00000456	0.00659	0.0155	0.00957	0.0117	0.00000456	10.4	0.0000174	0.000184	0.000103	0.000615	0.0389	0.00000911	0.865	1.22	0.0142	0.000177	2.7	0.000923	0.0419	0.0000905	0.000164	0.0000417	0.0509	0.00000182	0.0000503	0.000384	0.00169	8.88E-11
2032 Oct	36.3	0.0255	0.0063	0.000916	7.06	0.0242	2.51	0.000916	0.000916	0.00000458	0.00666	0.0188	0.00965	0.0119	0.00000458	10.5	0.0000173	0.000185	0.000104	0.000628	0.0392	0.00000916	0.875	1.24	0.0141	0.00019	2.76	0.000928	0.0425	0.0000885	0.00016	0.0000417	0.0518	0.00000183	0.0000516	0.000379	0.00167	8.63E-11
2032 Nov	37.6	0.0329	0.0062	0.000925	7.57	0.0261	2.74	0.000925	0.000925	0.00000462	0.00683	0.0174	0.00984	0.0124	0.00000462	11	0.0000172	0.000187	0.000106	0.00066	0.04	0.00000925	0.899	1.29	0.0137	0.000224	2.9	0.000936	0.0438	0.0000828	0.000148	0.0000417	0.0538	0.00000185	0.0000547	0.000364	0.00163	7.91E-11
2032 Dec	38.9	0.0438	0.00592	0.000919	8.22	0.0283	3.04	0.000919	0.000919	0.0000046	0.00695	0.0147	0.00993	0.0129	0.0000046	11.5	0.0000166	0.000185	0.000108	0.000695	0.0403	0.00000919	0.916	1.35	0.0129	0.000271	3.05	0.000928	0.045	0.0000722	0.000127	0.0000407	0.0558	0.00000184	0.0000583	0.000334	0.00153	6.64E-11
2033 Jan	39.8	0.0453	0.00612	0.000921	8.47	0.0285	3.13	0.000921	0.000921	0.00000461	0.00697	0.0145	0.00993	0.0133	0.00000461	11.9	0.0000166	0.000189	0.000115	0.000707	0.0413	0.00000921	0.935	1.4	0.014	0.000276	3.13	0.00094	0.0454	0.0000771	0.000126	0.0000413	0.0577	0.00000184	0.000059	0.000343	0.00152	6.51E-11
2033 Feb	40.6	0.046	0.00639	0.000923	8.71	0.0285	3.21	0.000923	0.000923	0.00000461	0.00696	0.0144	0.00992	0.0138	0.00000461	12.3	0.0000166	0.000193	0.000124	0.000718	0.0426	0.00000923	0.955	1.45	0.0156	0.000276	3.21	0.000954	0.0456	0.0000843	0.000127	0.000042	0.0598	0.00000185	0.0000594	0.000358	0.00152	6.46E-11
2033 Mar	41.4	0.0466	0.00657	0.000928	8.89	0.0286	3.27	0.000928	0.000928	0.00000464	0.007	0.0144	0.00996	0.0142	0.00000464	12.5	0.0000167	0.000197	0.00013	0.000727	0.0435	0.00000928	0.972	1.49	0.0166	0.000278	3.27	0.000968	0.046	0.0000889	0.000128	0.0000427	0.0613	0.00000186	0.0000599	0.000368	0.00153	6.46E-11
2033 Apr	42.8	0.0482	0.00686	0.000954	9.22	0.0293	3.39	0.000954	0.000954	0.00000477	0.00719	0.0148	0.0102	0.0147	0.00000477	13	0.0000172	0.000204	0.000137	0.000751	0.0452	0.00000954	1.01	1.55	0.0177	0.000285	3.39	0.001	0.0473	0.0000942	0.000132	0.0000441	0.0638	0.00000191	0.0000617	0.000384	0.00157	6.62E-11
2033 May	58.7	0.0563	0.0119	0.001	13.2	0.0276	4.68	0.001	0.001	0.00000502	0.0073	0.0259	0.0101	0.0235	0.00000502	19.8	0.0000191	0.000286	0.000297	0.00093	0.0682	0.00001	1.38	2.54	0.0462	0.00027	4.77	0.00128	0.0522	0.000357	0.000167	0.0000716	0.101	0.00000201	0.0000681	0.000675	0.00171	4.88E-11
2033 Jun	61.2	0.0479	0.0143	0.000878	13.9	0.0199	4.79	0.000878	0.000878	0.00000439	0.00616	0.0159	0.00815	0.0265	0.00000439	21.7	0.0000181	0.000307	0.000379	0.000901	0.0758	0.00000878	1.44	2.9	0.0627	0.000181	5	0.0013	0.0469	0.000526	0.000182	0.000083	0.114	0.00000176	0.0000599	0.000827	0.0016	1.52E-11
2033 Jul	67.1	0.0516	0.0155	0.000988	15.1	0.0224	5.22	0.000988	0.000988	0.00000494	0.00693	0.0199	0.00918	0.0288	0.00000494	23.6	0.0000203	0.000337	0.000409	0.000994	0.083	0.00000988	1.58	3.15	0.0676	0.0002	5.47	0.00144	0.0524	0.000567	0.000204	0.0000907	0.124	0.00000198	0.0000665	0.000905	0.00181	1.62E-11
2033 Aug	75.4	0.0579	0.0174	0.00112	17	0.0257	5.87	0.00112	0.00112	0.00000559	0.00782	0.0282	0.0104	0.0324	0.00000559	26.5	0.0000228	0.000378	0.000458	0.00112	0.0932	0.0000112	1.78	3.54	0.0755	0.000228	6.16	0.00162	0.0591	0.000633	0.000229	0.000102	0.139	0.00000224	0.000075	0.00101	0.00204	1.81E-11
2033 Sep	60.8	0.0633	0.0125	0.000961	14	0.0274	5	0.000961	0.000961	0.00000481	0.00704	0.024	0.00954	0.025	0.00000481	20.9	0.0000181	0.000293	0.000326	0.000958	0.0712	0.00000961	1.42	2.71	0.051	0.000285	5	0.00128	0.0517	0.000413	0.000152	0.0000756	0.108	0.00000192	0.0000689	0.000697	0.00158	1.17E-11
2033 Oct	47.1	0.0786	0.00693	0.000841	11.5	0.0322	4.34	0.000841	0.000841	0.0000042	0.00674	0.0107	0.0092	0.0175	0.0000042	15.4	0.0000139	0.000204	0.000181	0.000834	0.0488	0.00000841	1.07	1.87	0.0229	0.000392	3.93	0.000955	0.0471	0.000156	0.0000642	0.0000469	0.0754	0.00000168	0.0000679	0.000346	0.00111	4.16E-12
2033 Nov	47.3	0.0819	0.00668	0.000853	11.6	0.0334	4.41	0.000853	0.000853	0.00000427	0.0069	0.00955	0.00942	0.0173	0.00000427	15.3	0.000014	0.000202	0.000174	0.000847	0.0483	0.00000853	1.07	1.86	0.0213	0.00041	3.95	0.000955	0.0479	0.00014	0.00059	0.0000458	0.0748	0.00000171	0.0000696	0.000328	0.00111	3.68E-12
2033 Dec	47.4	0.0822	0.00667	0.000855	11.6	0.0335	4.42	0.000855	0.000855	0.00000428	0.00691	0.00951	0.00944	0.0174	0.00000428	15.4	0.000014	0.000202	0.000174	0.000849	0.0484	0.00000855	1.07	1.86	0.0212	0.000412	3.96	0.000956	0.0481	0.00014	0.0000588	0.0000459	0.0749	0.00000171	0.0000698	0.000328	0.00111	3.66E-12
2034 Jan	47.5	0.0823	0.0067	0.000856	11.6	0.0335	4.42	0.000856	0.000856	0.00000428	0.00692	0.0095	0.00944	0.0174	0.00000428	15.4	0.000014	0.000203	0.000175	0.0008	0.0485	0.00000856	1.07	1.86	0.0214	0.000412	3.96	0.000958	0.0481	0.00014	0.0000589	0.0000459	0.0752	0.00000171	0.0000699	0.000329	0.00111	3.65E-12
2034 Feb	47.6	0.0823	0.00675	0.000856	11.7	0.0335	4.44	0.000856	0.000856	0.00000428	0.00692	0.00949	0.00944	0.0175	0.00000428	15.5	0.000014	0.000203	0.000177	0.000851	0.0487	0.00000856	1.08	1.87	0.0217	0.000412	3.98	0.00096	0.0481	0.000142	0.0000592	0.0000461	0.0755	0.00000171	0.0000699	0.000331	0.00111	3.65E-12
2034 Mar	47.7	0.0825	0.00678	0.000857	11.7	0.0335	4.45	0.000857	0.000857	0.00000429	0.00692	0.00949	0.00945	0.0176	0.00000429	15.5	0.000014	0.000204	0.000178	0.000853	0.0489	0.00000857	1.08	1.88	0.0218	0.000412	3.99	0.000963	0.0482	0.000142	0.0000594	0.0000462	0.0758	0.00000171	0.00007	0.000333	0.00111	3.65E-12
2034 Apr	48.5	0.0837	0.0069	0.00087	11.9	0.034	4.52	0.00087	0.00087	0.00000435	0.00702	0.00963	0.00959	0.0179	0.00000435	15.8	0.0000142	0.000207	0.000181	0.000867	0.0497	0.0000087	1.1	1.91	0.0223	0.000418	4.05	0.000978	0.0489	0.000145	0.0000604	0.0000469	0.077	0.00000174	0.0000711	0.000339	0.00113	3.7E-12
2034 May	53.9	0.087	0.00849	0.000926	13.2	0.0348	4.95	0.000924	0.000924	0.00000462	0.00736	0.0254	0.01	0.0205	0.00000462	17.8	0.0000155	0.000235	0.000223	0.000938	0.0569	0.00000924	1.22	2.2	0.0296	0.000425	4.51	0.00109	0.0521	0.000209	0.0000754	0.0000552	0.0883	0.00000185	0.0000751	0.000425	0.00123	2.51E-09
2034 Jun	67.5	0.0719	0.0236	0.00105	16.2	0.026	5.85	0.000921	0.000921	0.00000461	0.00674	0.0158	0.00933	0.0284	0.00000461	23.5	0.0000178	0.000328	0.000394	0.00102	0.0793	0.00000925	1.55	3.14	0.063	0.000291	5.8	0.00139	0.0517	0.000522	0.000152	0.0000857	0.123	0.00000186	0.0000739	0.000797	0.0015	0.000000193
2034 Jul	68.3	0.0706	0.0277	0.00115	16.4	0.0279	5.99	0.000969	0.000969	0.00000485	0.00697	0.0177	0.0099	0.0283	0.00000486	23.5	0.0000181	0.000331	0.000386	0.00104	0.0799	0.00000974	1.57	3.14	0.0615	0.000296	5.97	0.00143	0.0534	0.000509	0.000157	0.0000863	0.123	0.00000196	0.0000771	0.000785	0.00157	0.000000028
2034 Aug	80.5	0.0829	0.0324	0.00137	19.3	0.0336	7.07	0.00116	0.00116	0.00000579	0.00825	0.0253	0.0118	0.0334	0.00000579	27.7	0.0000212	0.00039	0.000453	0.00124	0.0942	0.0000116	1.86	3.69	0.0719	0.000353	7.05	0.00169	0.0634	0.000595	0.000184	0.0001002	0.145	0.00000234	0.0000913	0.000916	0.00186	0.000000327
2034 Sep	62.8	0.0841	0.0201	0.00111	15.3	0.034	5.72	0.00099	0.00099	0.00000496	0.0075	0.0195	0.0106	0.0247	0.00000496	21	0.000017	0.000288	0.000301	0.00103	0.0692	0.00000993	1.43	2.71	0.0442	0.000393	5.44	0.0013	0.0551	0.000346	0.000112	0.0000714	0.107	0.00000199	0.0000807	0.000587	0.00142	0.000000187
2034 Oct	49.1	0.0883	0.00991	0.000918	12.2	0.0355	4.72	0.000873	0.000873	0.00000437	0.00709	0.0097	0.00983	0.0178	0.00000437	15.8	0.0000139	0.000208	0.000176	0.000884	0.0493	0.00000875	1.1	1.92	0.021	0.000442	4.19	0.000985	0.0496	0.000136	0.00005	0.0000465	0.0773	0.00000175	0.000074	0.000315	0.00109	6.81E-08
2034 Nov	49.7	0.0911	0.00959	0.000933	12.4	0.0366	4.8	0.000892	0.000892	0.00000446	0.00727	0.00906	0.0101	0.0179	0.00000446	16	0.0000141	0.000209	0.000174	0.000901	0.0496	0.00000893	1.11	1.93	0.0202	0.000457	4.24	0.000995	0.0507	0.000127	0.0000488	0.0000464	0.0777	0.00000179	0.0000757	0.000308	0.0011	0.000000063
2034 Dec	49.8	0.0914	0.00957	0.000935	12.4	0.0367	4.81	0.000894	0.000894	0.00000447	0.00729	0.00902	0.0101	0.018	0.00000447	16	0.0000141	0.000209	0.000174	0.000903	0.0496	0.00000895	1.12	1.93	0.0202	0.000459	4.25	0.000996	0.0508	0.000127	0.0000487	0.0000464	0.0778	0.00000179	0.0000759	0.000308	0.0011	6.26E-08
2035 Jan	49.9	0.0915	0.0096	0.000935	12.5	0.0367	4.82	0.000894	0.000894	0.00000447	0.00729	0.009	0.0101	0.018	0.00000447	16	0.0000141	0.00021	0.000175	0.000904	0.0498	0.00000895	1.12	1.94	0.0204	0.000459	4.26	0.000998	0.0508	0.000127	0.0000489	0.0000465	0.0781	0.00000179	0.000076	0.00031	0.0011	6.24E-08
2035 Feb	50	0.0916	0.00965	0.000935	12.5	0.0367	4.83	0.000895	0.000895	0.00000447	0.00729	0.00899	0.0101	0.0181	0.00000448	16.1	0.0000142	0.000211	0.000177	0.000906	0.05	0.00000896	1.12	1.95	0.0207	0.000459	4.27	0.001	0.0509	0.000129	0.0000492	0.0000467	0.0785	0.00000179	0.000076	0.000313	0.0011	6.23E-08
2035 Mar	50.2	0.0917	0.00969	0.000936	12.6	0.0367	4.84	0.000896	0.000896	0.00000448	0.0073	0.00899	0.0101	0.0182	0.00000448	16.2	0.0000142	0.000211	0.000178	0.000908	0.0502	0.00000897	1.13	1.96	0.0209	0.000459	4.29	0.001	0.0509	0.00013	0.0000494	0.0000468	0.0788	0.00000181	0.0000761	0.000315	0.0011	6.23E-08
2035 Apr	51	0.0931	0.00985	0.00095	12.8	0.0372	4.92	0.000909	0.000909	0.00000455	0.0074	0.00912	0.0102	0.0185	0.00000455	16.4	0.0000144	0.000215	0.000182	0.000922	0.0511	0.0000091	1.14	1.99	0.0213	0.000466	4.36	0.00102	0.0517	0.000132	0.0000503	0.0000475	0.0801	0.00000182	0.0000773	0.000321	0.00112	6.32E-08
2035 May	55.1	0.0995	0.0107	0.001102	13.8	0.0397	5.3	0.000975	0.000975	0.00000488	0.00793	0.0212	0.011	0.0201	0.00000488	17.8	0.0000155	0.000233	0.0002	0.000992	0.0555	0.00000976	1.24	2.16	0.0239	0.000496	4.71	0.0011	0.0555	0.000151	0.0000559	0.0000519	0.0871	0.00000196	0.0000828	0.000355	0.00121	6.71E-08
2035 Jun	53.3	0.0537	0.0266	0.00114	12.2	0.0253	4.56	0.000917	0.000917	0.00000459	0.00687	0.015	0.00996	0.02	0.0000046	17	0.0000184	0.000268	0.000246	0.000833	0.0592	0.00000922	1.22	2.22	0.038	0.000251	4.62	0.0012	0.0477	0.000298	0.00016	0.0000632	0.0879	0.00000186	0.0000686	0.000593	0.0016	0.000000341
2035 Jul	54.4	0.0522	0.0324	0.00126	12.4	0.0258	4.69	0.000958	0.000958	0.0000048	0.00716	0.016	0.0106	0.0199	0.00000481	16.9	0.0000194	0.000279	0.000242	0.000845	0.0597	0.00000966	1.24	2.22	0.0375	0.000248	4.8	0.00125	0.0491	0.000292	0.000174	0.0000642	0.0882	0.00000195	0.0000719	0.000607	0.00171	0.00000046
2035 Aug	58.3	0.056	0.0342	0.00135	13.4	0.0283	5.04	0.00103	0.00103	0.00000517	0.00768	0.0196	0.0115	0.0213	0.00000518	18.2	0.0000206	0.000298	0.000257	0.000908	0.0637	0.0000104	1.34	2.38	0.0397	0.000272	5.14	0.00134	0.0527	0.000308	0.000184	0.0000689	0.0944	0.0000021	0.0000772	0.000641	0.00182	0.000000484
2035 Sep	48.9	0.0762	0.016	0.00104	11.9	0.0344	4.56	0.000922	0.000922	0.00000462	0.00723	0.0123	0.0106	0.0171	0.00000462	15.2	0.0000152	0.00022	0.000166	0.000855	0.0485	0.00000926	1.11	1.85	0.0204	0.000401	4.22	0.00104	0.0495	0.000129	0.0000818	0.0000485	0.075	0.00000186	0.0000737	0.000343	0.00128	0.000000188
2035 Oct	46.1	0.0825	0.0113	0.000954	11.4	0.0353	4.42	0.000881	0.000881	0.00000441	0.00712	0.0113	0.0102	0.0159	0.00000441	14.4	0.000014	0.000198	0.000142	0.000837	0.0445	0.00000883	1.03	1.71	0.0154	0.000431	3.94	0.000953	0.0485	0.000084	0.0000558	0.0000422	0.0694	0.00000177	0.0000727	0.000271	0.00113	0.000000113
2035 Nov	43.8	0.083	0.0091	0.000896	10.9	0.0349	4.26	0.000843	0.000843	0.00000422	0.00691	0.00829	0.00978	0.015	0.00000422	13.7	0.0000132	0.000184	0.000129	0.00081	0.0418	0.00000845	0.98	1.61	0.013	0.000433	3.74	0.00895	0.0469	0.000064	0.0000441	0.0000387	0.0655	0.00000169	0.0000705	0.000236	0.00105	8.08E-08
2035 Dec	44.2	0.0842	0.00896	0.000901	11	0.0353	4.3	0.00085	0.00085	0.00000425	0.00698	0.00804	0.00987	0.0151	0.00000425	13.8	0.0000133	0.000185	0.00013	0.000818	0.0421	0.00000852	0.988	1.62	0.0129	0.000439	3.77	0.0009	0.0474	0.0000625	0.0000433	0.0000388	0.0659	0.00000171	0.0000713	0.000235	0.00105	0.000000078
2036 Jan	44.5	0.0845	0.00903	0.000902	11.1	0.0353	4.33	0.000852	0.000852	0.00000426	0.00698	0.00799	0.00987	0.0153	0.00000426	13.9	0.0000133	0.000186	0.000133	0.000822	0.0426	0.00000853	0.995	1.64	0.0134	0.000439	3.8	0.000906	0.0475	0.0000649	0.0000437	0.0000391	0.0667	0.00000171	0.0000714	0.00024	0.00105	7.74E-08
2036 Feb	44.9	0.0847	0.00916	0.000902	11.2	0.0353	4.36	0.000852	0.000852	0.00000426	0.00698	0.00797	0.00986	0.0156	0.00000426	14.1	0.0000134	0.000189	0.000137	0.000826	0.0432	0.00000854	1.01	1.67	0.0143	0.000439	3.83	0.000913	0.0476	0.0000687	0.0000445	0.0000395	0.0677	0.00000171	0.0000716	0.000248	0.00105	0.000000077
2036 Mar	45.2	0.0848	0.00924	0.000903	11.3	0.0352	4.38	0.000853	0.000853	0.00000427	0.00697	0.00796	0.00985	0.0157	0.00000427	14.2	0.0000134	0.00019	0.00014	0.000829	0.0436	0.00000854	1.01	1.68	0.0148	0.000438	3.86	0.000917	0.0477	0.0000711	0.000045	0.0000398	0.0684	0.00000171	0.0000716	0.000253	0.00105	7.68E-08
2036 Apr	46.4	0.0867	0.00949	0.000922	11.6	0.0359	4.49	0.000872	0.000872	0.00000436	0.00712	0.0178	0.0101	0.0162	0.00000436	14.6	0.0000137	0.000195	0.000145	0.000849	0.0448	0.00000873	1.04	1.73	0.0155	0.000448	3.96	0.000941	0.0488	0.0000744	0.0000464	0.0000408	0.0704	0.00000175	0.0000733	0.000262	0.00108	7.84E-08
2036 May	50.9	0.0949	0.0104	0.00101	12.7	0.0393	4.93	0.000954	0.000954	0.00000477	0.00779	0.0467	0.011	0.0178	0.00000477	16	0.000015	0.000214	0.00016	0.0093	0.0492	0.00000955	1.14	1.91	0.0172	0.000489	4.34	0.00103	0.0534	0.000083	0.000051	0.0000448	0.0773	0.00000191	0.0000802	0.000289	0.00118	8.56E-08
2036 Jun	43.7	0.0469	0.0204	0.00111	9.55	0.0268	3.64	0.00093	0.00093	0.00000466	0.00716	0.0215	0.0104	0.0146	0.00000466	12.8	0.0000184	0.00022	0.000144	0.000733	0.0457	0.00000935	1.01	1.59	0.0197	0.000257	3.68	0.00105	0.0464	0.000129	0.0000151	0.0000465	0.0644	0.00000188	0.000065	0.00043	0.00163	0.000000275
2036 Jul	45	0.0346	0.0287	0.00128	9.48	0.0253	3.63	0.000994	0.000994	0.00000498	0.00739	0.016	0.011	0.0147	0.00000499	12.8	0.0000204	0.000239	0.000149	0.000734	0.0482	0.00001	1.05	1.63	0.0219	0.000303	3.88	0.00114	0.0476	0.000155	0.000191	0.000051	0.0656	0.00000202	0.0000662	0.000495	0.00187	0.000000434
2036 Aug	51.6	0.0394	0.0324	0.00146	10.9	0.0297	4.17	0.00115	0.00115	0.00000574	0.00845	0.0231	0.0126	0.0169	0.00000574	14.7	0.0000023	0.000272	0.00017	0.000848	0.0553	0.0000115	1.2	1.87	0.0249	0.000236	4.46	0.00131	0.0547	0.000176	0.0002216	0.0000586	0.0753	0.00000233	0.0000759	0.000558	0.00213	0.000000486
2036 Sep	48	0.0402	0.0285	0.00133	10.3	0.0286	3.93	0.00106	0.00106	0.00000531	0.00784	0.027	0.0118	0.0158	0.00000531	13.7	0.0000208	0.000249	0.000156	0.000797	0.0509	0.0000107	1.12	1.73	0.0223	0.00024	4.14	0.0012	0.051	0.000154	0.000189	0.0000537	0.0701	0.00000215	0.000071	0.000496	0.00192	0.000000423
2036 Oct	45.2	0.056	0.0203	0.00115	10.2	0.0307	3.95	0.000965	0.000965	0.00000483	0.00742	0.0208	0.0109	0.015	0.00000484	13.3	0.0000177	0.000218	0.000137	0.000787	0.0461	0.0000097	1.04	1.63	0.0173	0.000311	3.88	0.

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2039 Dec	69.7	0.0558	0.0202	0.00126	15.6	0.0305	5.56	0.00118	0.00118	0.00000592	0.00827	0.0053	0.0114	0.0284	0.00000592	23.5	0.0000224	0.000342	0.000371	0.0011	0.0841	0.0000119	1.65	3.09	0.0592	0.000259	5.81	0.00156	0.0608	0.000489	0.000215	0.0000899	0.122	0.00000238	0.0000787	0.000846	0.00207	0.000000113
2040 Jan	69.7	0.0558	0.0202	0.00126	15.6	0.0305	5.56	0.00118	0.00118	0.00000592	0.00827	0.0053	0.0114	0.0284	0.00000592	23.5	0.0000224	0.000342	0.000371	0.0011	0.0841	0.0000119	1.65	3.09	0.0592	0.000259	5.81	0.00156	0.0608	0.000489	0.000215	0.0000899	0.122	0.00000238	0.0000787	0.000846	0.00207	0.000000113
2040 Feb	69.7	0.0558	0.0202	0.00126	15.6	0.0305	5.56	0.00118	0.00118	0.00000592	0.00827	0.0053	0.0114	0.0284	0.00000592	23.5	0.0000224	0.000342	0.000371	0.0011	0.0842	0.0000119	1.65	3.09	0.0592	0.000259	5.81	0.00156	0.0609	0.000489	0.000215	0.0000899	0.122	0.00000238	0.0000787	0.000847	0.00207	0.000000113
2040 Mar	69.8	0.0559	0.0203	0.00126	15.6	0.0306	5.57	0.00119	0.00119	0.00000593	0.00828	0.00531	0.0114	0.0285	0.00000593	23.5	0.0000225	0.000343	0.000372	0.00111	0.0843	0.0000119	1.65	3.1	0.0594	0.00026	5.82	0.00156	0.061	0.00049	0.000216	0.0000901	0.123	0.00000238	0.0000788	0.000848	0.00208	0.000000113
2040 Apr	70.3	0.0563	0.0204	0.00127	15.7	0.0308	5.61	0.00119	0.00119	0.00000597	0.00834	0.00535	0.0115	0.0287	0.00000597	23.7	0.0000226	0.000345	0.000375	0.00111	0.0849	0.000012	1.66	3.12	0.0598	0.000261	5.86	0.00157	0.0614	0.000493	0.000217	0.0000906	0.123	0.0000024	0.0000793	0.000854	0.00209	0.000000114
2040 May	72.7	0.0582	0.0211	0.00131	16.3	0.0317	5.8	0.00123	0.00123	0.00000615	0.00859	0.00548	0.0118	0.0297	0.00000615	24.6	0.0000233	0.000357	0.000389	0.00115	0.0879	0.0000123	1.72	3.23	0.0621	0.000269	6.07	0.00162	0.0633	0.000513	0.000224	0.0000939	0.128	0.00000247	0.0000818	0.000885	0.00215	0.000000116
2040 Jun	67.2	0.0527	0.019	0.00116	15.1	0.0275	5.34	0.0011	0.0011	0.0000055	0.00766	0.00447	0.0104	0.0279	0.0000055	22.9	0.0000212	0.000332	0.000374	0.00105	0.0819	0.000011	1.59	3.04	0.0603	0.000233	5.59	0.00149	0.0569	0.000502	0.000207	0.0000881	0.12	0.0000022	0.0000733	0.000843	0.00195	9.01E-08
2040 Jul	71	0.0555	0.02	0.00123	15.9	0.0291	5.63	0.00116	0.00116	0.00000582	0.00812	0.00471	0.0111	0.0294	0.00000582	24.2	0.0000225	0.000351	0.000394	0.00111	0.0865	0.0000117	1.68	3.2	0.0635	0.000246	5.9	0.00157	0.0602	0.000528	0.00022	0.000093	0.126	0.00000234	0.0000775	0.00089	0.00206	9.46E-08
2040 Aug	75.7	0.0592	0.0214	0.00131	16.9	0.031	6	0.00124	0.00124	0.00000621	0.00866	0.00502	0.0118	0.0313	0.00000621	25.8	0.000024	0.000374	0.00042	0.00118	0.0922	0.0000124	1.79	3.41	0.0677	0.000263	6.29	0.00168	0.0643	0.000563	0.000235	0.0000992	0.135	0.00000249	0.0000827	0.000948	0.0022	0.000000101
2040 Sep	76.7	0.0602	0.0216	0.00133	17.2	0.0316	6.09	0.00126	0.00126	0.0000063	0.00879	0.00507	0.012	0.0317	0.00000631	26.2	0.0000243	0.000379	0.000424	0.0012	0.0934	0.0000126	1.81	3.46	0.0684	0.000269	6.38	0.0017	0.0652	0.000569	0.000237	0.0001	0.137	0.00000253	0.000084	0.000958	0.00223	0.000000102
2040 Oct	77.6	0.061	0.0218	0.00134	17.4	0.032	6.16	0.00127	0.00127	0.00000637	0.00889	0.00512	0.0121	0.0321	0.00000638	26.4	0.0000245	0.000383	0.000429	0.00121	0.0943	0.0000128	1.83	3.49	0.0691	0.000272	6.45	0.00172	0.0659	0.000574	0.000239	0.000101	0.138	0.00000256	0.0000849	0.000968	0.00225	0.000000103
2040 Nov	78	0.0615	0.0219	0.00135	17.5	0.0322	6.2	0.00128	0.00128	0.00000642	0.00895	0.00515	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000385	0.000431	0.00122	0.0949	0.0000128	1.84	3.52	0.0695	0.000274	6.49	0.00173	0.0663	0.000578	0.000241	0.000102	0.139	0.00000257	0.0000855	0.000974	0.00227	0.000000103
2040 Dec	78.1	0.0615	0.022	0.00135	17.5	0.0322	6.2	0.00128	0.00128	0.00000642	0.00895	0.00516	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000386	0.000431	0.00122	0.095	0.0000129	1.85	3.52	0.0695	0.000275	6.49	0.00173	0.0664	0.000578	0.000241	0.000102	0.139	0.00000257	0.0000855	0.000974	0.00227	0.000000103
2041 Jan	78.1	0.0615	0.022	0.00135	17.5	0.0323	6.2	0.00128	0.00128	0.00000642	0.00895	0.00516	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000386	0.000431	0.00122	0.095	0.0000129	1.85	3.52	0.0695	0.000275	6.49	0.00173	0.0664	0.000578	0.000241	0.000102	0.139	0.00000257	0.0000856	0.000974	0.00227	0.000000103
2041 Feb	78.1	0.0616	0.022	0.00135	17.5	0.0323	6.2	0.00128	0.00128	0.00000642	0.00896	0.00516	0.0122	0.0323	0.00000642	26.6	0.0000247	0.000386	0.000432	0.00122	0.095	0.0000129	1.85	3.52	0.0695	0.000275	6.49	0.00173	0.0664	0.000578	0.000241	0.000102	0.139	0.00000258	0.0000856	0.000974	0.00227	0.000000103
2041 Mar	78.2	0.0616	0.022	0.00135	17.5	0.0323	6.21	0.00129	0.00129	0.00000643	0.00897	0.00516	0.0122	0.0324	0.00000643	26.7	0.0000248	0.000386	0.000432	0.00122	0.0951	0.0000129	1.85	3.52	0.0696	0.000275	6.5	0.00173	0.0665	0.000579	0.000241	0.000102	0.139	0.00000258	0.0000857	0.000976	0.00227	0.000000104
2041 Apr	78.6	0.0619	0.0221	0.00136	17.6	0.0325	6.24	0.00129	0.00129	0.00000646	0.00901	0.00519	0.0123	0.0325	0.00000646	26.8	0.0000249	0.000388	0.000434	0.00123	0.0956	0.0000129	1.86	3.54	0.07	0.000276	6.53	0.00174	0.0668	0.000581	0.000242	0.000103	0.14	0.00000259	0.0000861	0.00098	0.00228	0.000000104
2041 May	80.3	0.0633	0.0226	0.00139	18	0.0332	6.38	0.00132	0.00132	0.0000066	0.00921	0.0053	0.0126	0.0332	0.0000066	27.4	0.0000254	0.000397	0.000444	0.00125	0.0977	0.0000132	1.9	3.62	0.0715	0.000282	6.68	0.00178	0.0683	0.000594	0.000247	0.000105	0.143	0.00000265	0.000088	0.001	0.00233	0.000000106
2041 Jun	71.4	0.0543	0.0197	0.00128	15.8	0.0301	5.58	0.00122	0.00122	0.0000061	0.00856	0.00454	0.0117	0.0291	0.0000061	24.1	0.0000238	0.000355	0.000384	0.00112	0.0867	0.0000122	1.69	3.17	0.0618	0.000248	5.89	0.0016	0.0623	0.000511	0.000233	0.000093	0.125	0.00000244	0.0000794	0.000897	0.00219	8.91E-08
2041 Jul	63	0.0466	0.0172	0.00115	13.8	0.0269	4.87	0.0011	0.0011	0.00000552	0.00777	0.00391	0.0106	0.0255	0.00000552	21.1	0.0000218	0.000315	0.000332	0.000991	0.0763	0.000011	1.49	2.77	0.0533	0.000217	5.16	0.00143	0.056	0.00044	0.000214	0.0000818	0.11	0.00000221	0.0000708	0.000795	0.00201	7.54E-08
2041 Aug	68.3	0.0505	0.0186	0.00125	14.9	0.0292	5.28	0.0012	0.0012	0.00000598	0.00843	0.00423	0.0115	0.0276	0.00000599	22.8	0.0000236	0.000341	0.00036	0.00107	0.0827	0.000012	1.62	3	0.0578	0.000236	5.6	0.00155	0.0607	0.000476	0.000232	0.0000887	0.119	0.0000024	0.0000768	0.000861	0.00217	8.16E-08
2041 Sep	69.5	0.0515	0.019	0.00127	15.2	0.0297	5.37	0.00122	0.00122	0.00000609	0.00858	0.00431	0.0117	0.0281	0.0000061	23.3	0.000024	0.000348	0.000366	0.00109	0.0842	0.0000122	1.65	3.05	0.0588	0.000241	5.7	0.00158	0.0618	0.000484	0.000236	0.0000902	0.121	0.00000244	0.0000782	0.000876	0.00221	0.000000083
2041 Oct	69	0.0514	0.0188	0.00126	15.1	0.0296	5.33	0.00121	0.00121	0.00000605	0.00852	0.00426	0.0116	0.0279	0.00000605	23.1	0.0000238	0.000344	0.000363	0.00109	0.0834	0.0000121	1.63	3.02	0.0582	0.00024	5.65	0.00156	0.0613	0.000479	0.000233	0.0000894	0.12	0.00000242	0.0000777	0.000867	0.00219	8.21E-08
2041 Nov	69.4	0.0518	0.0189	0.00127	15.2	0.0298	5.37	0.00122	0.00122	0.00000609	0.00858	0.00429	0.0117	0.028	0.00000609	23.2	0.000024	0.000347	0.000365	0.00109	0.084	0.0000122	1.65	3.04	0.0585	0.000242	5.69	0.00157	0.0617	0.000482	0.000235	0.00009	0.121	0.00000244	0.0000782	0.000872	0.00221	8.26E-08
2041 Dec	69.5	0.0518	0.0189	0.00127	15.2	0.0298	5.37	0.00122	0.00122	0.00000609	0.00859	0.00429	0.0117	0.0281	0.00000609	23.2	0.000024	0.000347	0.000365	0.00109	0.084	0.0000122	1.65	3.05	0.0586	0.000242	5.69	0.00158	0.0618	0.000482	0.000235	0.00009	0.121	0.00000244	0.0000783	0.000873	0.00221	8.26E-08
2042 Jan	69.5	0.0519	0.0189	0.00127	15.2	0.0298	5.38	0.00122	0.00122	0.00000609	0.00859	0.00429	0.0117	0.0281	0.00000609	23.2	0.000024	0.000347	0.000365	0.00109	0.0841	0.0000122	1.65	3.05	0.0586	0.000243	5.7	0.00158	0.0618	0.000482	0.000235	0.0000901	0.121	0.00000244	0.0000783	0.000873	0.00221	8.26E-08
2042 Feb	69.5	0.0519	0.0189	0.00127	15.2	0.0298	5.38	0.00122	0.00122	0.00000609	0.00859	0.00429	0.0117	0.0281	0.00000609	23.3	0.000024	0.000347	0.000366	0.00109	0.0841	0.0000122	1.65	3.05	0.0587	0.000243	5.7	0.00158	0.0618	0.000483	0.000235	0.0000901	0.121	0.00000244	0.0000783	0.000874	0.00221	8.26E-08
2042 Mar	69.6	0.052	0.0189	0.00127	15.2	0.0299	5.39	0.00122	0.00122	0.0000061	0.00859	0.00429	0.0117	0.0281	0.0000061	23.3	0.000024	0.000348	0.000366	0.0011	0.0842	0.0000122	1.65	3.05	0.0588	0.000243	5.71	0.00158	0.0619	0.000483	0.000235	0.0000902	0.121	0.00000244	0.0000784	0.000875	0.00221	8.26E-08
2042 Apr	70.3	0.0525	0.0191	0.00128	15.4	0.0301	5.44	0.00123	0.00123	0.00000616	0.00868	0.00434	0.0118	0.0284	0.00000616	23.5	0.0000242	0.000351	0.00037	0.00111	0.0851	0.0000123	1.67	3.09	0.0594	0.000245	5.76	0.00159	0.0625	0.000488	0.000237	0.000091	0.122	0.00000247	0.0000791	0.000884	0.00223	8.34E-08
2042 May	72.9	0.0545	0.0198	0.00133	15.9	0.0312	5.64	0.00128	0.00128	0.00000638	0.00899	0.00449	0.0123	0.0295	0.00000638	24.4	0.0000251	0.000364	0.000384	0.00115	0.0882	0.0000128	1.73	3.2	0.0616	0.000254	5.98	0.00165	0.0648	0.000506	0.000246	0.0000944	0.127	0.00000256	0.000082	0.000916	0.00231	8.64E-08
2042 Jun	62.2	0.0426	0.0163	0.00122	13.1	0.0277	4.63	0.00117	0.00117	0.00000588	0.00838	0.00351	0.0114	0.0244	0.00000588	20.3	0.0000238	0.000316	0.000307	0.000987	0.0748	0.0000118	1.48	2.64	0.0491	0.000211	5	0.00145	0.0583	0.000398	0.000235	0.0000798	0.105	0.00000235	0.0000722	0.000794	0.0022	6.36E-08
2042 Jul	56.2	0.036	0.0143	0.00115	11.6	0.0262	4.1	0.00112	0.00112	0.00000559	0.00796	0.00299	0.0108	0.0216	0.00000559	18.1	0.0000226	0.000286	0.000265	0.000904	0.0675	0.0000112	1.34	2.33	0.042	0.000189	4.48	0.00134	0.0547	0.000339	0.000225	0.0000717	0.0931	0.00000224	0.0000668	0.000716	0.00211	5.13E-08
2042 Aug	53.9	0.0351	0.0133	0.00112	11.3	0.0271	3.99	0.00109	0.00109	0.00000544	0.0076	0.00277	0.0107	0.0207	0.00000544	17.3	0.0000207	0.000271	0.000246	0.000879	0.064	0.0000109	1.29	2.21	0.0386	0.000201	4.33	0.00129	0.0528	0.000308	0.000205	0.0000686	0.0889	0.00000218	0.0000648	0.000649	0.00199	0.000000046
2042 Sep	53.1	0.0356	0.0129	0.0011	11.2	0.0275	3.96	0.00108	0.00108	0.00000538	0.00748	0.00268	0.0107	0.0203	0.00000538	17.1	0.00002	0.000266	0.000238	0.000869	0.0624	0.0000108	1.28	2.17	0.0371	0.00021	4.28	0.00126	0.052	0.000294	0.000196	0.0000674	0.0874	0.00000216	0.0000643	0.000622	0.00194	4.39E-08
2042 Oct	52.5	0.0365	0.0126	0.00109	11.1	0.0275	3.94	0.00106	0.00106	0.00000531	0.00741	0.00263	0.0106	0.02	0.00000531	16.9	0.0000197	0.000262	0.000234	0.000862	0.0615	0.0000106	1.26	2.14	0.0362	0.000214	4.24	0.00125	0.0515	0.000286	0.000191	0.0000662	0.0862	0.00000213	0.0000639	0.000608	0.0019	4.26E-08
2042 Nov	52.7	0.037	0.0126	0.00109	11.2	0.0277	3.96	0.00107	0.00107	0.00000533	0.00745	0.00263	0.0106	0.0201	0.00000533	16.9	0.0000197	0.000263	0.000234	0.000866	0.0616	0.0000107	1.26	2.15	0.0363	0.000217	4.25	0.00125	0.0518	0.000286	0.000191	0.0000663	0.0865	0.00000214	0.0000643	0.000608	0.00191	4.26E-08
2042 Dec	52.7	0.0371	0.0126	0.00109	11.2	0.0277	3.96	0.00107	0.00107	0.00000534	0.00745	0.00263	0.0106	0.0201	0.00000534	16.9	0.0000198	0.000263	0.000234	0.000866	0.0617	0.0000107	1.26	2.15	0.0363	0.000217	4.26	0.00125	0.0518	0.000286	0.000191	0.0000663	0.0865	0.00000214	0.0000644	0.000608	0.00191	4.26E-08
2043 Jan	52.8	0.0371	0.0126	0.00109	11.2	0.0277	3.96	0.00107	0.00107	0.00000534	0.00745	0.00263	0.0106	0.0201	0.00000534	16.9	0.0000198	0.000263	0.000235	0.000866	0.0617	0.0000107	1.26	2.15	0.0363	0.000217	4.26	0.00125	0.0518	0.000286	0.000191	0.0000663	0.0866	0.00000214	0.0000644	0.000608	0.00191	4.26E-08
2043 Feb	52.8	0.0372	0.0126	0.00109	11.2	0.0277	3.97	0.00107	0.00107	0.00000534	0.00745	0.00263	0.0106	0.0201	0.00000534	16.9	0.0000198	0.000263	0.000235	0.000867	0.0617	0.0000107	1.26	2.15	0.0363	0.000217	4.26	0.00125	0.0518	0.000286	0.000191	0.0000663	0.0866	0.00000214	0.0000644	0.000609	0.00191	4.26E-08
2043 Mar	52.8	0.0372	0.0127	0.00109	11.2	0.0277	3.97	0.00107	0.00107	0.00000534	0.00746	0.00263	0.0106	0.0201	0.00000534	17	0.0000198	0.000263	0.000235	0.000867	0.0617	0.0000107	1.27	2.15	0.0364	0.000217	4.26	0.00125	0.0518	0.000287	0.000191	0.0000664	0.0867	0.00000214	0.0000644	0.000609	0.00191	4.26E-08
2043 Apr	53.1	0.0374	0.0127	0.0011	11.2	0.0279	3.99	0.00107	0.00107	0.00000537	0.0075	0.00265	0.0107	0.0202	0.00000537	17.1	0.0000199	0.000265	0.000237	0.000872	0.0621	0.0000107	1.27	2.16	0.0366	0.000218	4.29	0.00126	0.0521	0.000288	0.000192	0.0000667	0.0872	0.00000215	0.0000648	0.000613	0.00192	4.28E-08
2043 May	54.7	0.0385	0.0131	0.00113	11.6	0.0285	4.11	0.0011	0.0011	0.00000549	0.00766	0.0027	0.0109	0.0209	0.00000549	17.6	0.0000203	0.000272	0.000245	0.000895	0.064	0.000011	1.31	2.24	0.0381	0.000223	4.41	0.00129	0.0534	0.000301	0.000197	0.0000688	0.09	0.0000022	0.0000663	0.000633	0.00196	4.34E-08
2043 Jun	56.4	0.0395	0.0136	0.00107	12.1	0.026	4.26	0.00105	0.00105	0.00000524	0.0073	0.00239	0.0102	0.0224	0.00000524	18.7	0.00002	0.000283	0.000281	0.000897	0.0674	0.0000105	1.35	2.41	0.0448	0.000206	4.57	0.0013	0.0518	0.000364	0.000197	0.0000731	0.0963	0.0000021	0.0000645	0.000692	0.0019	3.39E-08
2043 Jul	58.8	0.0409	0.0141	0.00112	12.6	0.0273	4.44	0.0011	0.0011	0.00000548	0.00763	0.00248	0.0107	0.0233	0.00000548	19.4	0.0000208	0.000294	0.000291	0.000936	0.0702	0.000011	1.4	2.51	0.0463	0.000215	4.76	0.00136	0.0541	0.000376	0.000206	0.000076	0.1	0.0000022	0.0000674	0.000718	0.00198	3.49E-08
2043 Aug	68.6	0.0396	0.0178	0.00127	13.7	0.0288	5.13	0.00113	0.00113	0.00000566	0.00739	0.00233	0.0111	0.0224	0.00000566	18.8	0.00002	0.000282	0.00028	0.000963	0.0665	0.0000103	1.42	2.48	0.0435	0.000218	5.22	0.0014	0.0508	0.000352	0.000196	0.0000766	0.0976	0.00000226	0.0000705	0.000673	0.00193	3.21E-08
2043 Sep	69.6	0.0397	0.0181	0.00128	13.9	0.0291	5.21	0.00113	0.00113	0.00000568	0.00738	0.00232	0.0112	0.0224	0.00000568	18.8	0.0000199	0.000281	0.000278	0.000967	0.0662	0.0000103	1.42	2.47	0.0431	0.00022	5.27	0.00141	0.0506	0.000349	0.000195	0.0000767	0.0974	0.00000227	0.0000709	0.000667	0.00192	3.17E-08
2043 Oct	69.1	0.0412	0.0178	0.00127	13.8	0.0294	5.19	0.00113	0.00113	0.00000564	0.00737	0.00227	0.0111	0.0221	0.00000564	18.6	0.0000196	0.000278	0.000273	0.000963	0.0654	0.0000102	1.41	2.45	0.0421	0.000228	5.23	0.0014	0.0504	0.000339	0.00019	0.0000755	0.0964	0.00000226	0.000071	0.000652	0.00189	3.08E-08
2043 Nov	68.5	0.0427	0.0175	0.00127	13.7	0.0296	5.18	0.00112	0.00112	0.00000561	0.00736	0.00223	0.0111	0.0219	0.00000561	18.4	0.0000194	0.000274	0.000268	0.00096	0.0645	0.0000102	1.4	2.42	0.041	0.000235	5.19	0.00138	0.0503	0.00033	0.000185	0.0000744	0.0953	0.00000224	0.0000712	0.000637	0.00187	2.98E-08
2043 Dec	68.5	0.0428	0.0175	0.00127	13.7	0.0297	5.18	0.00112	0.00112	0.00000561	0.00736	0.00223	0.0111	0.0219	0.00000561	18.4	0.0000194	0.000274	0.000268	0.00096	0.0645	0.0000102	1.4	2.42	0.041	0.000236	5.2	0.00138	0.0503	0.000329	0.000184	0.0000743	0.0953	0.00000224	0.0000712	0.000637	0.00187	2.98E-08
2044 Jan	68.5	0.0428	0.0175	0.00127	13.7	0.0297	5.19	0.00112	0.00112	0.00000561	0.00736	0.00223	0.0111	0.0219	0.00000561	18.4	0.0000194	0.000274	0.000268	0.000961	0.0646	0.0000102	1.4	2.42	0.041	0.000236	5.2	0.00138	0.0503	0.000329	0.000184	0.0000743	0.0954	0.00000224	0.0000712	0.000637	0.00187	2.98E-08
2044 Feb	68.6	0.0429	0.0175	0.00127	13.8	0.0297	5.19	0.00112	0.00112	0.00000561	0.00737	0.00223	0.0111	0.0219	0.00000561	18.5	0.0000194	0.000275	0.000269	0.000961	0.0646	0.0000102	1.4	2.42	0.0411	0.000236	5.2	0.00138	0.0504	0.00033	0.000184	0.0000744	0.0955	0.00000224	0.0000713	0.000638	0.00187	2.98E-08
2044 Mar	68.6	0.0429	0.0175	0.00127	13.8	0.0297	5.2	0.00112	0.00112	0.00000561	0.00737	0.00223	0.0111	0.0219	0.00000561	18.5	0.0000194	0.000275	0.000269	0.000962	0.0647	0.0000102	1.4	2.43	0.0412	0.000236	5.21	0.00138	0.0504	0.00033	0.000185	0.0000745	0.0956	0.00000225	0.0000713	0.000639	0.00187	2.98E-08
2044 Apr	68.8	0.043	0.0175	0.00127	13.8	0.0298	5.21	0.00112	0.00112	0.00000562	0.00739	0.00224	0.0111	0.022	0.00000563	18.5	0.0000195	0.000275	0.00027	0.000965	0.0649	0.0000102	1.4	2.43	0.0413	0.000237	5.22	0.00139	0.0505	0.000331	0.000185	0.0000746	0.0958	0.00000225	0.0000715	0.00064	0.00187	2.99E-08
2044 May	69.9	0.0437	0.0178	0.00129	14	0.0302	5.29	0.00114	0.00114	0.00000571	0.0075	0.00227	0.0113	0.0223	0.00000571	18.8	0.0000198	0.00028	0.000274	0.000979	0.0659	0.0000103	1.42	2.47	0.0419	0.00024	5.3	0.00141	0.0513	0.000336	0.000188	0.0000758	0.0973	0.00000229	0.0000726	0.00065	0.0019	3.03E-08
2044 Jun	63.3	0.036	0.0161	0.00121	12.3	0.0272	4.68	0.00106	0.00106	0.00000531	0.00699	0.00188	0.0105	0.0193	0.00000531	16.3	0.0000188	0.00025	0.000232	0.000874	0.0579	0.00000953	1.27	2.14	0.0354	0.000206	4.71	0.00128	0.0466	0.000281	0.000181	0.0000671	0.0844	0.00000212	0.0000658	0.000584	0.00181	2.29E-08
2044 Jul	64.8	0.0355	0.0165	0.00124	12.5	0.0277	4.76	0.00108	0.00108	0.00000543	0.00713	0.00186	0.0108	0.0193	0.00000543	16.3	0.0000193	0.000252	0.000231	0.000885	0.0581	0.00000967	1.28	2.15	0.035	0.000206	4.78	0.0013	0.0471	0.000277	0.000186	0.0000677	0.0845	0.00000217	0.0000669	0.000588	0.00185	2.19E-08
2044 Aug	68.8	0.0377	0.0176	0.00132	13.2	0.0294	5.05	0.00115	0.00115	0.00000577	0.00757	0.00197	0.0115	0.0205	0.00000577	17.4	0.0000205	0.000267	0.000245	0.000941	0.0616	0.0000103	1.36	2.28	0.0371	0.000219	5.08	0.00138	0.05	0.000294	0.000197	0.0000719	0.0897	0.00000231	0.0000711	0.000624	0.00196	2.32E-08
2044 Sep	67.1	0.038	0.0169	0.00129	13	0.0294	4.95	0.00113	0.00113	0.00000566	0.00742	0.00191	0.0113	0.0201	0.00000566	17	0.0000198	0.000261	0.000237	0.000923	0.06	0.0000101	1.33	2.22	0.0357	0.000224	4.97	0.00135	0.0491	0.000281	0.000189	0.0000701	0.0878	0.00000226	0.0000699	0.000599	0.00191	2.21E-08
2044 Oct	66.5	0.0385	0.0167	0.00128	12.9	0.0294	4.92	0.00112	0.00112	0.00000561	0.00738	0.00189	0.0112	0.0199	0.00000561	16.9	0.0000196	0.000259	0.000234	0.000917	0.0594	0.00001	1.32	2.2	0.0352	0.000226	4.92	0.00134	0.0489	0.000276	0.000186	0.0000693	0.087	0.00000225	0.0000696	0.00059	0.00189	2.17E-08
2044 Nov	66.5	0.0388	0.0167	0.00128	12.9	0.0295	4.93	0.00112	0.00112	0.00000562	0.00739	0.00189	0.0113	0.0199	0.00000562	16.9	0.0000196	0.000259	0.000234	0.000919	0.0595	0.0000101	1.32	2.21	0.0351	0.000228	4.93	0.00134	0.049	0.000276	0.000185	0.0000692	0.087	0.00000225	0.0000698	0.000589	0.00189	2.17E-08
2044 Dec	66.5	0.0389	0.0167	0.00128	12.9	0.0295	4.93	0.00112	0.00112	0.00000562	0.0074	0.00189	0.0113	0.0199	0.00000562	16.9	0.0000196	0.000259	0.000234	0.000919	0.0595	0.0000101	1.32	2.21	0.0351	0.000228	4.93	0.00134	0.049	0.000276	0.000185	0.0000692	0.0871	0.00000225	0.0000698	0.000589	0.00189	2.16E-08
2045 Jan	66.5	0.0389	0.0167	0.00128	12.9	0.0295	4.93	0.00112	0.00112	0.00000562	0.0074	0.00189	0.0113	0.0199	0.00000562	16.9	0.0000196	0.000259	0.000234	0.000919	0.0595	0.0000101	1.32	2.21	0.0351	0.000229	4.93	0.00134	0.049	0.000276	0.000185	0.0000692	0.0871	0.00000225	0.0000698	0.000589	0.00188	2.16E-08
2045 Feb	66.5	0.039	0.0167	0.00128	12.9	0.0295	4.93	0.00112	0.00112	0.00000562	0.0074	0.00189	0.0113	0.0199	0.00000562	16.9	0.0000196	0.000259	0.000234	0.000919	0.0595	0.0000101	1.32	2.21	0.0351	0.000229	4.93	0.00134	0.049	0.000276	0.000185	0.0000693	0.0871	0.00000225	0.0000698	0.000589	0.00188	2.16E-08
2045 Mar	66.6	0.039	0.0167	0.00128	12.9	0.0295	4.94	0.00112	0.00112	0.00000562	0.0074	0.00189	0.0113	0.0199	0.00000562	16.9	0.0000196	0.000259	0.000234	0.00092	0.0596	0.0000101	1.32	2.21	0.0352	0.000229	4.93	0.00134	0.049	0.000276	0.000185	0.0000693	0.0872	0.00000225	0.0000699	0.00059	0.00189	2.16E-08
2045 Apr	66.7	0.0391	0.0167	0.00128	13	0.0296	4.95	0.00112	0.00112	0.00000563	0.00742	0.00189	0.0113	0.02	0.00000563	17	0.0000196	0.00026	0.000235	0.000922	0.0597	0.0000101	1.33	2.22	0.0353	0.000229	4.95	0.00134	0.0492	0.000277	0.000186	0.0000695	0.0874	0.00000225	0.00007	0.000591	0.00189	2.17E-08
2045 May	67.7	0.0397	0.0169	0.0013	13.2	0.03	5.02	0.00114	0.00114	0.00000571	0.00752	0.00192	0.0115	0.0203	0.00000572	17.2	0.0000199	0.000264	0.000239	0.000935	0.0606	0.0000102	1.35	2.25	0.0358	0.000233	5.02	0.00136	0.0499	0.000281	0.000188	0.0000705	0.0887	0.00000229	0.000071	0.0006	0.00192	0.000000022
2045 Jun	62.2	0.0349	0.0153	0.00123	11.9	0.028	4.52	0.0011	0.0011	0.00000549	0.00734	0.00173	0.011	0.0186	0.00000549	15.9	0.0000198	0.000249	0.000215	0.000871	0.0567	0.00000995	1.25	2.06	0.0323	0.00021	4.59	0.00128	0.048	0.000251	0.000189	0.0000653	0.0814	0.0000022	0.0000667	0.000573	0.0019	1.83E-08
2045 Jul	61.5	0.0335	0.0151	0.00124	11.7	0.0279	4.43	0.00111	0.00111	0.00000555	0.00746	0.00168	0.0111	0.0184	0.00000555	15.7	0.0000203	0.000249	0.00021	0.000866	0.0564	0.0000101	1.25	2.03	0.0315	0.000205	4.52	0.00129	0.0485	0.000244	0.000195	0.0000648	0.0803	0.00000222	0.0000667	0.000576	0.00194	1.69E-08
2045 Aug	63.9	0.0348	0.0156	0.00129	12.2	0.0291	4.61	0.00115	0.00115	0.00000577	0.00775	0.00175	0.0116	0.0191	0.00000577	16.3	0.0000211	0.000259	0.000218	0.0009	0.0586	0.0000105	1.3	2.1	0.0327	0.000213	4.7	0.00134	0.0504	0.000254	0.000203	0.0000673	0.0835	0.00000231	0.0000693	0.000598	0.00202	1.76E-08
2045 Sep	64.1	0.0352	0.0156	0.00129	12.2	0.0292	4.62	0.00115	0.00115	0.00000579	0.00777	0.00175	0.0116	0.0191	0.00000579	16.3	0.0000211	0.00026	0.000218	0.000903	0.0587	0.0000105	1.3	2.11	0.0327	0.000216	4.71	0.00134	0.0506	0.000253	0.000203	0.0000674	0.0837	0.00000231	0.0000695	0.000598	0.00202	1.75E-08
2045 Oct	64.4	0.0357	0.0157	0.0013	12.3	0.0295	4.65	0.00116	0.00116	0.00000582	0.00783	0.00176	0.0117	0.0193	0.00000582	16.4	0.0000212	0.000261	0.000219	0.00091	0.0591	0.0000106	1.31	2.12	0.0329	0.000218	4.74	0.00135	0.051	0.000254	0.000203	0.0000678	0.0842	0.00000233	0.0000701	0.0006	0.00203	1.76E-08
2045 Nov	64.6	0.0359	0.0157	0.0013	12.3	0.0296	4.67	0.00116	0.00116	0.00000584	0.00785	0.00176	0.0117	0.0193	0.00000584	16.5	0.0000212	0.000262	0.00022	0.000912	0.0592	0.0000106	1.31	2.13	0.0329	0.000219	4.75	0.00135	0.0511	0.000254	0.000204	0.0000679	0.0844	0.00000233	0.0000703	0.000602	0.00203	1.76E-08
2045 Dec	64.6	0.0359	0.0157	0.0013	12.3	0.0296	4.67	0.00117	0.00117	0.00000584	0.00785	0.00176	0.0117	0.0193	0.00000584	16.5	0.0000213	0.000262	0.00022	0.000913	0.0593	0.0000106	1.31	2.13	0.0329	0.00022	4.76	0.00135	0.0511	0.000255	0.000204	0.000068	0.0844	0.00000234	0.0000703	0.000602	0.00203	1.76E-08
2046 Jan	64.6	0.036	0.0157	0.0013	12.3	0.0296	4.67	0.00117	0.00117	0.00000584	0.00785	0.00176	0.0117	0.0193	0.00000584	16.5	0.0000213	0.000262	0.00022	0.000913	0.0593	0.0000106	1.31	2.13	0.0329	0.00022	4.76	0.00135	0.0511	0.000255	0.000204	0.000068	0.0845	0.00000234	0.0000703	0.000602	0.00203	1.76E-08
2046 Feb	64.6	0.036	0.0157	0.0013	12.3	0.0296	4.67	0.00117	0.00117	0.00000584	0.00786	0.00176	0.0117	0.0193	0.00000584	16.5	0.0000213	0.000262	0.00022	0.000913	0.0593	0.0000106	1.31	2.13	0.033	0.00022	4.76	0.00135	0.0511	0.000255	0.000204	0.000068	0.0845	0.00000234	0.0000703	0.000602	0.00203	1.76E-08
2046 Mar	64.7	0.036	0.0158	0.0013	12.4	0.0296	4.68	0.00117	0.00117	0.00000585	0.00786	0.00177	0.0117	0.0194	0.00000585	16.5	0.0000213	0.000262	0.000221	0.000914	0.0594	0.0000107	1.31	2.13	0.033	0.00022	4.76	0.00135	0.0512	0.000255	0.000204	0.0000681	0.0846	0.00000234	0.0000704	0.000603	0.00204	1.76E-08
2046 Apr	65	0.0362	0.0158	0.00131	12.4	0.0298	4.7	0.00117	0.00117	0.00000587	0.0079	0.00177	0.0118	0.0195	0.00000588	16.6	0.0000214	0.000264	0.000222	0.000919	0.0597	0.0000107	1.32	2.14	0.0332	0.000221	4.79	0.00136	0.0514	0.000256	0.000205	0.0000684	0.0851	0.00000235	0.0000708	0.000606	0.00205	1.77E-08
2046 May	66.1	0.0368	0.0161	0.00133	12.6	0.0302	4.78	0.00119	0.00119	0.00000597	0.00803	0.0018	0.012	0.0198	0.00000597	16.9	0.0000217	0.000268	0.000225	0.000933	0.0606	0.0000109	1.34	2.18	0.0337	0.000224	4.86	0.00138	0.0523	0.00026	0.000208	0.0000695	0.0864	0.00000239	0.0000719	0.000616	0.00208	0.000000018
2046 Jun	58.9	0.0305	0.0142	0.00123	11	0.0273	4.15	0.00111	0.00111	0.00000556	0.00757	0.00154	0.0112	0.0174	0.00000556	14.9	0.0000209	0.000244	0.000194	0.000838	0.0545	0.0000102	1.21	1.91	0.029	0.000193	4.29	0.00126	0.0485	0.000221	0.000203	0.0000621	0.0761	0.00000223	0.0000653	0.000567	0.00199	1.36E-08
2046 Jul	55.7	0.0267	0.0134	0.00118	10.2	0.0256	3.87	0.00106	0.00106	0.00000531	0.00721	0.00137	0.0106	0.0159	0.00000531	13.6	0.0000201	0.000228	0.000174	0.000783	0.0504	0.00000967	1.12	1.75	0.0259	0.000175	4	0.00119	0.0456	0.000197	0.000196	0.0000577	0.0697	0.00000212	0.0000615	0.000531	0.00192	1.08E-08
2046 Aug	57.8	0.0277	0.0139	0.00123	10.6	0.0266	4.02	0.0011	0.0011	0.00000551	0.00749	0.00142	0.0111	0.0165	0.00000551	14.2	0.0000209	0.000236	0.000181	0.000813	0.0523	0.00001	1.17	1.82	0.0269	0.000182	4.16	0.00124	0.0474	0.000204	0.000204	0.0000599	0.0724	0.0000022	0.0000639	0.000551	0.00199	1.12E-08
2046 Sep	56.8	0.0283	0.0136	0.0012	10.5	0.0265	3.97	0.00108	0.00108	0.00000542	0.00738	0.0014	0.0109	0.0163	0.00000542	14	0.0000204	0.000232	0.000177	0.000803	0.0514	0.0000099	1.15	1.79	0.0262	0.000185	4.1	0.00121	0.0468	0.000198	0.000198	0.0000588	0.0713	0.00000217	0.0000632	0.000536	0.00195	1.09E-08
2046 Oct	56	0.0295	0.0133	0.00119	10.4	0.0265	3.94	0.00107	0.00107	0.00000535	0.0073	0.00138	0.0108	0.0161	0.00000535	13.8	0.00002	0.000229	0.000174	0.000796	0.0507	0.00000978	1.14	1.77	0.0256	0.00019	4.05	0.00119	0.0464	0.000192	0.000192	0.0000577	0.0705	0.00000214	0.0000628	0.000523	0.00191	1.05E-08
2046 Nov	56	0.0299	0.0132	0.00118	10.4	0.0266	3.95	0.00107	0.00107	0.00000535	0.00731	0.00137	0.0108	0.0161	0.00000535	13.8	0.00002	0.000229	0.000174	0.000798	0.0506	0.00000978	1.14	1.77	0.0255	0.000193	4.05	0.00119	0.0465	0.000191	0.000191	0.0000577	0.0705	0.00000214	0.000063	0.000521	0.0019	1.05E-08
2046 Dec	56	0.03	0.0132	0.00118	10.4	0.0267	3.95	0.00107	0.00107	0.00000535	0.00732	0.00137	0.0108	0.0161	0.00000535	13.9	0.00002	0.000229	0.000174	0.000798	0.0507	0.00000979	1.14	1.77	0.0255	0.000193	4.05	0.00119	0.0465	0.000191	0.000191	0.0000577	0.0705	0.00000214	0.000063	0.000521	0.0019	1.05E-08
2047 Jan	56	0.03	0.0132	0.00118	10.4	0.0267	3.95	0.00107	0.00107	0.00000535	0.00732	0.00138	0.0108	0.0161	0.00000535	13.9	0.00002	0.000229	0.000174	0.000798	0.0507	0.00000979	1.14	1.77	0.0255	0.000193	4.05	0.00119	0.0465	0.000191	0.000191	0.0000577	0.0706	0.00000214	0.000063	0.000521	0.0019	1.05E-08
2047 Feb	56.1	0.0301	0.0132	0.00118	10.4	0.0267	3.95	0.00107	0.00107	0.00000535	0.00732	0.00138	0.0108	0.0161	0.00000535	13.9	0.00002	0.000229	0.000174	0.000799	0.0507	0.00000979	1.14	1.77	0.0255	0.000193	4.06	0.0012	0.0465	0.000191	0.000191	0.0000577	0.0706	0.00000214	0.0000631	0.000522	0.0019	1.05E-08
2047 Mar	56.2	0.0301	0.0133	0.00119	10.4	0.0267	3.96	0.00107	0.00107	0.00000536	0.00733	0.00138	0.0108	0.0162	0.00000536	13.9	0.00002	0.000229	0.000175	0.0008	0.0508	0.00000981	1.14	1.78	0.0256	0.000193	4.06	0.0012	0.0466	0.000192	0.000191	0.0000578	0.0708	0.00000214	0.0000632	0.000523	0.00191	1.05E-08
2047 Apr	56.3	0.0302	0.0133	0.00119	10.5	0.0268	3.97	0.00107	0.00107	0.00000537	0.00735	0.00138	0.0109	0.0162	0.00000537	13.9	0.0000201	0.00023	0.000175	0.000802	0.051	0.00000983	1.14	1.78	0.0257	0.000194	4.07	0.0012	0.0467	0.000192	0.000192	0.000058	0.071	0.00000215	0.0000633	0.000524	0.00191	1.05E-08
2047 May	57.7	0.0314	0.0137	0.0012	10.8	0.0268	4.09	0.00108	0.00108	0.0000054	0.00738	0.0014	0.0109	0.017	0.0000054	14.5	0.0000203	0.000237	0.000188	0.000819	0.0529	0.0000099	1.17	1.86	0.0279	0.000195	4.19	0.00122	0.0473	0.000212	0.000194	0.0000602	0.0741	0.00000216	0.0000641	0.000547	0.00192	1.03E-08

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2047 Jun	62.6	0.036	0.0153	0.00114	12.3	0.0249	4.57	0.00103	0.00103	0.00000516	0.00694	0.00139	0.0101	0.0203	0.0000516	17	0.0000195	0.000261	0.000255	0.000863	0.0606	0.00000943	1.29	2.24	0.04	0.000188	4.66	0.00128	0.0466	0.000323	0.000191	0.0000695	0.0883	0.00000206	0.000064	0.000644	0.00183	7.64E-09
2047 Jul	65.8	0.0378	0.0161	0.0012	12.9	0.0262	4.81	0.00108	0.00108	0.00000543	0.00731	0.00146	0.0107	0.0213	0.00000543	17.9	0.0000205	0.000275	0.000268	0.000908	0.0637	0.00000992	1.35	2.36	0.042	0.000198	4.9	0.00135	0.049	0.000339	0.000201	0.0000731	0.0928	0.00000217	0.0000673	0.000676	0.00192	8.01E-09
2047 Aug	68.8	0.0396	0.0168	0.00126	13.5	0.0275	5.03	0.00113	0.00113	0.00000569	0.00765	0.00153	0.0112	0.0223	0.0000569	18.7	0.0000215	0.000287	0.00028	0.000951	0.0667	0.0000104	1.42	2.47	0.0439	0.000207	5.13	0.00141	0.0513	0.000355	0.000211	0.0000765	0.0971	0.00000227	0.0000705	0.000707	0.00201	8.38E-09
2047 Sep	68.2	0.0397	0.0166	0.00125	13.4	0.0274	5	0.00113	0.00113	0.00000564	0.0076	0.00152	0.0111	0.0221	0.00000565	18.6	0.0000212	0.000285	0.000277	0.000944	0.0661	0.0000103	1.4	2.44	0.0433	0.000209	5.09	0.0014	0.051	0.00035	0.000208	0.0000758	0.0963	0.00000226	0.0000701	0.000698	0.00199	8.25E-09
2047 Oct	67.1	0.0403	0.0162	0.00123	13.3	0.0274	4.94	0.00111	0.00111	0.00000556	0.00752	0.00149	0.011	0.0218	0.00000557	18.3	0.0000209	0.00028	0.000271	0.000933	0.065	0.0000102	1.38	2.4	0.0423	0.000212	5.01	0.00138	0.0504	0.00034	0.000202	0.0000743	0.0948	0.00000223	0.0000694	0.000681	0.00195	8.02E-09
2047 Nov	66.8	0.0411	0.0161	0.00123	13.2	0.0275	4.93	0.00111	0.00111	0.00000555	0.00752	0.00148	0.011	0.0217	0.00000555	18.2	0.0000208	0.000279	0.000269	0.000932	0.0647	0.0000102	1.38	2.39	0.0418	0.000216	5	0.00137	0.0505	0.000336	0.0002	0.0000738	0.0944	0.00000222	0.0000696	0.000675	0.00194	7.92E-09
2047 Dec	66.8	0.0412	0.0161	0.00123	13.2	0.0276	4.94	0.00111	0.00111	0.00000555	0.00752	0.00148	0.011	0.0217	0.00000555	18.3	0.0000208	0.000279	0.000269	0.000933	0.0647	0.0000102	1.38	2.4	0.0418	0.000216	5	0.00137	0.0505	0.000336	0.0002	0.0000738	0.0944	0.00000222	0.0000696	0.000675	0.00194	7.92E-09
2048 Jan	66.9	0.0412	0.0161	0.00123	13.3	0.0276	4.94	0.00111	0.00111	0.00000555	0.00752	0.00149	0.011	0.0217	0.00000555	18.3	0.0000208	0.000279	0.00027	0.000933	0.0647	0.0000102	1.38	2.4	0.0418	0.000217	5	0.00137	0.0505	0.000336	0.0002	0.0000738	0.0945	0.00000222	0.0000696	0.000675	0.00194	7.91E-09
2048 Feb	66.9	0.0413	0.0161	0.00123	13.3	0.0276	4.94	0.00111	0.00111	0.00000555	0.00752	0.00149	0.011	0.0217	0.00000556	18.3	0.0000208	0.000279	0.00027	0.000934	0.0648	0.0000102	1.38	2.4	0.0419	0.000217	5.01	0.00137	0.0505	0.000336	0.0002	0.0000738	0.0946	0.00000222	0.0000697	0.000676	0.00194	7.91E-09
2048 Mar	66.9	0.0413	0.0161	0.00123	13.3	0.0276	4.94	0.00111	0.00111	0.00000555	0.00753	0.00149	0.011	0.0217	0.00000556	18.3	0.0000208	0.000279	0.00027	0.000934	0.0648	0.0000102	1.38	2.4	0.0419	0.000217	5.01	0.00137	0.0505	0.000336	0.0002	0.0000738	0.0946	0.00000222	0.0000697	0.000676	0.00194	7.91E-09
2048 Apr	67.2	0.0414	0.0162	0.00123	13.3	0.0277	4.96	0.00111	0.00111	0.00000558	0.00755	0.00149	0.011	0.0218	0.00000558	18.4	0.0000209	0.00028	0.000271	0.000938	0.0651	0.0000102	1.39	2.41	0.0421	0.000217	5.03	0.00138	0.0507	0.000338	0.0002	0.0000741	0.095	0.00000223	0.0000699	0.000679	0.00195	7.94E-09
2048 May	68.3	0.0421	0.0164	0.00125	13.5	0.0281	5.04	0.00113	0.00113	0.00000567	0.00768	0.00152	0.0112	0.0222	0.00000567	18.7	0.0000212	0.000285	0.000276	0.000953	0.0661	0.0000104	1.41	2.45	0.0428	0.000221	5.11	0.0014	0.0516	0.000343	0.000204	0.0000753	0.0965	0.00000227	0.0000711	0.00069	0.00198	8.07E-09
2048 Jun	61.6	0.035	0.0147	0.00118	11.9	0.0258	4.44	0.00107	0.00107	0.00000534	0.00728	0.00133	0.0106	0.0194	0.00000534	16.4	0.0000204	0.000258	0.000235	0.0086	0.0589	0.00000981	1.27	2.14	0.0362	0.000193	4.54	0.00128	0.0479	0.000288	0.000198	0.0000671	0.0845	0.00000214	0.0000651	0.000625	0.00191	6.19E-09
2048 Jul	58.7	0.0307	0.0141	0.00116	11	0.0247	4.15	0.00104	0.00104	0.0000052	0.00708	0.00122	0.0103	0.0177	0.0000052	15	0.00002	0.000242	0.00021	0.000811	0.0547	0.00000948	1.19	1.96	0.0322	0.000176	4.26	0.00123	0.0457	0.000253	0.000196	0.0000626	0.0774	0.00000208	0.0000623	0.000586	0.00188	4.93E-09
2048 Aug	59.8	0.0316	0.0143	0.00118	11.3	0.0256	4.24	0.00106	0.00106	0.00000532	0.00722	0.00124	0.0106	0.0181	0.00000532	15.3	0.0000202	0.000247	0.000213	0.000829	0.0556	0.0000097	1.21	1.99	0.0325	0.000185	4.35	0.00125	0.0467	0.000255	0.000197	0.0000638	0.079	0.00000213	0.0000636	0.00059	0.00191	4.95E-09
2048 Sep	59.5	0.032	0.0142	0.00118	11.3	0.0258	4.24	0.00106	0.00106	0.0000053	0.0072	0.00124	0.0106	0.018	0.0000053	15.3	0.00002	0.000246	0.000211	0.000827	0.0553	0.00000969	1.21	1.99	0.0322	0.000188	4.34	0.00124	0.0466	0.000251	0.000195	0.0000635	0.0787	0.00000212	0.0000636	0.000583	0.00189	4.88E-09
2048 Oct	58.9	0.0324	0.014	0.00116	11.2	0.0257	4.21	0.00105	0.00105	0.00000525	0.00715	0.00123	0.0105	0.0178	0.00000525	15.2	0.0000198	0.000243	0.000208	0.000821	0.0547	0.00000961	1.2	1.97	0.0317	0.00019	4.3	0.00123	0.0463	0.000247	0.000192	0.0000628	0.078	0.00000211	0.0000632	0.000575	0.00187	4.8E-09
2048 Nov	58.9	0.0328	0.0139	0.00116	11.2	0.0258	4.22	0.00105	0.00105	0.00000526	0.00716	0.00123	0.0105	0.0179	0.00000526	15.2	0.0000198	0.000243	0.000208	0.000823	0.0547	0.00000962	1.2	1.97	0.0316	0.000192	4.3	0.00123	0.0464	0.000246	0.000191	0.0000627	0.078	0.00000211	0.0000634	0.000573	0.00187	4.78E-09
2048 Dec	58.9	0.0329	0.0139	0.00116	11.2	0.0259	4.22	0.00105	0.00105	0.00000526	0.00716	0.00123	0.0106	0.0179	0.00000526	15.2	0.0000198	0.000243	0.000208	0.000823	0.0547	0.00000962	1.2	1.97	0.0316	0.000193	4.3	0.00123	0.0464	0.000246	0.000191	0.0000627	0.0781	0.00000211	0.0000635	0.000573	0.00187	4.78E-09
2049 Jan	59	0.0329	0.0139	0.00116	11.2	0.0259	4.22	0.00105	0.00105	0.00000526	0.00716	0.00123	0.0106	0.0179	0.00000526	15.2	0.0000198	0.000243	0.000208	0.000824	0.0548	0.00000962	1.2	1.97	0.0316	0.000193	4.31	0.00123	0.0465	0.000246	0.000191	0.0000627	0.0781	0.00000211	0.0000635	0.000573	0.00187	4.78E-09
2049 Feb	59	0.0329	0.0139	0.00116	11.2	0.0259	4.22	0.00105	0.00105	0.00000526	0.00716	0.00123	0.0106	0.0179	0.00000526	15.2	0.0000198	0.000243	0.000209	0.000824	0.0548	0.00000962	1.2	1.97	0.0317	0.000193	4.31	0.00123	0.0465	0.000246	0.000191	0.0000627	0.0782	0.00000211	0.0000635	0.000574	0.00187	4.77E-09
2049 Mar	59	0.033	0.014	0.00116	11.2	0.0259	4.23	0.00105	0.00105	0.00000526	0.00717	0.00123	0.0106	0.0179	0.00000526	15.2	0.0000198	0.000243	0.000209	0.000825	0.0548	0.00000963	1.2	1.97	0.0317	0.000193	4.31	0.00123	0.0465	0.000247	0.000191	0.0000628	0.0783	0.00000211	0.0000635	0.000574	0.00187	4.78E-09
2049 Apr	59.3	0.0331	0.014	0.00117	11.3	0.026	4.24	0.00105	0.00105	0.00000528	0.00719	0.00124	0.0106	0.018	0.00000528	15.3	0.0000199	0.000244	0.00021	0.000828	0.0551	0.00000967	1.21	1.98	0.0318	0.000194	4.33	0.00124	0.0467	0.000248	0.000192	0.000063	0.0786	0.00000211	0.0000638	0.000577	0.00188	4.79E-09
2049 May	60.2	0.0336	0.0142	0.00119	11.5	0.0264	4.31	0.00107	0.00107	0.00000537	0.00731	0.00126	0.0108	0.0183	0.00000537	15.5	0.0000202	0.000248	0.000213	0.000841	0.0559	0.00000982	1.23	2.01	0.0324	0.000197	4.4	0.00126	0.0474	0.000252	0.000195	0.000064	0.0798	0.00000215	0.0000648	0.000586	0.00191	4.87E-09
2049 Jun	54.8	0.0279	0.0129	0.00112	10.1	0.0243	3.83	0.00101	0.00101	0.00000508	0.00696	0.00112	0.0102	0.0161	0.00000508	13.8	0.0000195	0.000227	0.000183	0.000765	0.0505	0.0000093	1.11	1.78	0.0277	0.000171	3.94	0.00116	0.0443	0.000213	0.000191	0.0000577	0.0706	0.00000203	0.0000598	0.000539	0.00184	3.62E-09
2049 Jul	54.4	0.026	0.013	0.00112	9.89	0.0239	3.76	0.001	0.001	0.00000502	0.00685	0.00107	0.0101	0.0155	0.00000503	13.2	0.0000193	0.00022	0.000173	0.000748	0.0487	0.00000912	1.08	1.71	0.0261	0.000164	3.86	0.00114	0.0432	0.0002	0.000189	0.000056	0.0678	0.00000201	0.0000588	0.000522	0.00182	3.14E-09
2049 Aug	57.5	0.0275	0.0137	0.00119	10.5	0.0253	3.98	0.00106	0.00106	0.00000531	0.00724	0.00113	0.0107	0.0163	0.00000532	14	0.0000204	0.000233	0.000183	0.000791	0.0514	0.00000965	1.15	1.81	0.0275	0.000174	4.09	0.00121	0.0457	0.000211	0.000199	0.0000592	0.0717	0.00000213	0.0000621	0.000551	0.00193	3.31E-09
2049 Sep	57.1	0.0284	0.0135	0.00118	10.4	0.0254	3.97	0.00106	0.00106	0.00000529	0.00722	0.00113	0.0106	0.0163	0.00000529	14	0.0000202	0.000231	0.000182	0.00079	0.0512	0.00000961	1.14	1.8	0.0272	0.000178	4.07	0.0012	0.0457	0.000207	0.000196	0.0000588	0.0714	0.00000211	0.0000622	0.000544	0.00191	3.26E-09
2049 Oct	56.4	0.0293	0.0133	0.00116	10.4	0.0254	3.95	0.00104	0.00104	0.00000523	0.00716	0.00111	0.0105	0.0161	0.00000523	13.8	0.0000199	0.000229	0.000179	0.000785	0.0506	0.00000952	1.13	1.78	0.0266	0.000182	4.03	0.00119	0.0454	0.000202	0.000192	0.0000579	0.0707	0.00000209	0.0000619	0.000533	0.00188	3.18E-09
2049 Nov	56.4	0.0301	0.0132	0.00116	10.4	0.0256	3.96	0.00104	0.00104	0.00000523	0.00718	0.00112	0.0106	0.0162	0.00000523	13.9	0.0000199	0.000228	0.000179	0.000787	0.0506	0.00000953	1.13	1.78	0.0265	0.000186	4.04	0.00119	0.0455	0.000201	0.00019	0.0000578	0.0708	0.00000209	0.0000622	0.000531	0.00187	3.15E-09
2049 Dec	56.5	0.0303	0.0132	0.00116	10.4	0.0257	3.97	0.00104	0.00104	0.00000523	0.00719	0.00112	0.0106	0.0162	0.00000523	13.9	0.0000199	0.000228	0.000179	0.000788	0.0506	0.00000953	1.13	1.78	0.0265	0.000187	4.04	0.00119	0.0455	0.000201	0.00019	0.0000578	0.0708	0.00000209	0.0000622	0.00053	0.00187	3.15E-09
2050 Jan	56.5	0.0303	0.0132	0.00116	10.4	0.0257	3.97	0.00104	0.00104	0.00000523	0.00719	0.00112	0.0106	0.0162	0.00000524	13.9	0.0000199	0.000229	0.000179	0.000788	0.0506	0.00000953	1.13	1.78	0.0265	0.000187	4.04	0.00119	0.0456	0.000201	0.00019	0.0000578	0.0709	0.00000209	0.0000623	0.000531	0.00187	3.14E-09
2050 Feb	56.5	0.0304	0.0132	0.00116	10.4	0.0257	3.97	0.00104	0.00104	0.00000523	0.00719	0.00112	0.0106	0.0162	0.00000524	13.9	0.0000199	0.000229	0.000179	0.000789	0.0507	0.00000954	1.13	1.79	0.0266	0.000187	4.05	0.00119	0.0456	0.000201	0.00019	0.0000578	0.071	0.00000209	0.0000623	0.000531	0.00187	3.14E-09
2050 Mar	56.5	0.0304	0.0132	0.00116	10.4	0.0257	3.98	0.00104	0.00104	0.00000523	0.00719	0.00112	0.0106	0.0162	0.00000524	13.9	0.0000199	0.000229	0.000179	0.000789	0.0507	0.00000954	1.13	1.79	0.0266	0.000187	4.05	0.00119	0.0456	0.000201	0.00019	0.0000578	0.071	0.00000209	0.0000623	0.000532	0.00187	3.14E-09
2050 Apr	56.7	0.0305	0.0133	0.00117	10.5	0.0258	3.99	0.00105	0.00105	0.00000525	0.00721	0.00112	0.0106	0.0163	0.00000525	14	0.00002	0.00023	0.00018	0.000791	0.0509	0.00000956	1.14	1.79	0.0267	0.000188	4.06	0.00119	0.0457	0.000202	0.000191	0.000058	0.0713	0.00000211	0.0000625	0.000533	0.00188	3.15E-09
2050 May	57.5	0.0309	0.0134	0.00118	10.6	0.0261	4.04	0.00106	0.00106	0.00000532	0.0073	0.00114	0.0107	0.0165	0.00000532	14.1	0.0000202	0.000233	0.000183	0.000802	0.0516	0.00000969	1.15	1.82	0.0271	0.00019	4.12	0.00121	0.0463	0.000205	0.000193	0.0000588	0.0722	0.00000213	0.0000633	0.000541	0.0019	3.19E-09
2050 Jun	54.1	0.0278	0.0126	0.00114	9.89	0.0247	3.75	0.00103	0.00103	0.00000514	0.00707	0.00107	0.0104	0.0155	0.00000514	13.3	0.0000199	0.000223	0.00017	0.00076	0.0492	0.00000942	1.09	1.71	0.0254	0.000175	3.86	0.00116	0.0447	0.000191	0.000192	0.0000558	0.068	0.00000205	0.0000602	0.000523	0.00187	2.65E-09
2050 Jul	52.6	0.0257	0.0123	0.00111	9.5	0.024	3.62	0.001	0.001	0.00000501	0.0069	0.00102	0.0101	0.0148	0.00000502	12.7	0.0000194	0.000215	0.000161	0.000735	0.0472	0.00000916	1.05	1.63	0.0238	0.000166	3.73	0.00112	0.0433	0.000179	0.000188	0.0000537	0.0649	0.00000201	0.0000584	0.000503	0.00183	2.31E-09
2050 Aug	54.3	0.0265	0.0127	0.00115	9.82	0.0249	3.74	0.00104	0.00104	0.00000519	0.00713	0.00106	0.0104	0.0153	0.00000519	13.2	0.0000199	0.000221	0.000166	0.000761	0.0488	0.00000948	1.09	1.69	0.0246	0.000172	3.85	0.00116	0.0448	0.000185	0.000193	0.0000555	0.0671	0.00000207	0.0000604	0.000518	0.00189	2.38E-09
2050 Sep	54.5	0.0271	0.0127	0.00115	9.88	0.0252	3.77	0.00104	0.00104	0.00000521	0.00716	0.00107	0.0105	0.0154	0.00000521	13.2	0.00002	0.000222	0.000167	0.000766	0.049	0.00000953	1.09	1.69	0.0246	0.000175	3.87	0.00116	0.0451	0.000185	0.000193	0.0000557	0.0675	0.00000208	0.0000608	0.000518	0.00189	2.38E-09
2050 Oct	54.9	0.0276	0.0128	0.00116	9.97	0.0254	3.8	0.00105	0.00105	0.00000525	0.00723	0.00107	0.0106	0.0155	0.00000525	13.4	0.0000201	0.000224	0.000168	0.000773	0.0494	0.00000961	1.1	1.71	0.0247	0.000178	3.91	0.00117	0.0455	0.000185	0.000194	0.0000561	0.068	0.00000211	0.0000613	0.000521	0.0019	2.39E-09
2050 Nov	55.1	0.0278	0.0128	0.00117	10	0.0255	3.82	0.00105	0.00105	0.00000527	0.00725	0.00108	0.0106	0.0156	0.00000527	13.4	0.0000202	0.000225	0.000168	0.000775	0.0496	0.00000964	1.11	1.71	0.0248	0.000179	3.92	0.00118	0.0457	0.000186	0.000195	0.0000563	0.0683	0.00000211	0.0000616	0.000522	0.00191	2.39E-09
2050 Dec	55.2	0.0278	0.0128	0.00117	10	0.0256	3.82	0.00105	0.00105	0.00000527	0.00726	0.00108	0.0106	0.0156	0.00000527	13.4	0.0000202	0.000225	0.000168	0.000776	0.0496	0.00000965	1.11	1.72	0.0248	0.000179	3.92	0.00118	0.0457	0.000186	0.000195	0.0000563	0.0684	0.00000211	0.0000616	0.000523	0.00191	2.39E-09
2051 Jan	55.2	0.0279	0.0128	0.00117	10	0.0256	3.82	0.00105	0.00105	0.00000527	0.00726	0.00108	0.0106	0.0156	0.00000528	13.4	0.0000202	0.000225	0.000169	0.000776	0.0496	0.00000965	1.11	1.72	0.0249	0.000179	3.93	0.00118	0.0457	0.000186	0.000195	0.0000563	0.0684	0.00000211	0.0000617	0.000523	0.00191	2.39E-09
2051 Feb	55.2	0.0279	0.0128	0.00117	10	0.0256	3.82	0.00105	0.00105	0.00000527	0.00726	0.00108	0.0106	0.0156	0.00000528	13.4	0.0000202	0.000225	0.000169	0.000776	0.0496	0.00000965	1.11	1.72	0.0249	0.000179	3.93	0.00118	0.0457	0.000186	0.000195	0.0000563	0.0684	0.00000211	0.0000617	0.000523	0.00191	2.39E-09
2051 Mar	55.2	0.0279	0.0128	0.00117	10	0.0256	3.82	0.00105	0.00105	0.00000528	0.00726	0.00108	0.0106	0.0156	0.00000528	13.4	0.0000202	0.000225	0.000169	0.000777	0.0497	0.00000966	1.11	1.72	0.0249	0.00018	3.93	0.00118	0.0457	0.000186	0.000195	0.0000564	0.0685	0.00000211	0.0000617	0.000523	0.00191	2.39E-09
2051 Apr	55.4	0.028	0.0129	0.00117	10.1	0.0257	3.84	0.00106	0.00106	0.0000053	0.00729	0.00108	0.0107	0.0157	0.0000053	13.5	0.0000203	0.000226	0.00017	0.00078	0.0499	0.00000969	1.11	1.73	0.025	0.00018	3.95	0.00118	0.0459	0.000187	0.000196	0.0000566	0.0688	0.00000212	0.0000619	0.000526	0.00192	2.4E-09
2051 May	56.5	0.0287	0.0131	0.00119	10.3	0.026	3.92	0.00107	0.00107	0.00000538	0.0074	0.00111	0.0108	0.0161	0.00000538	13.8	0.0000206	0.000231	0.000175	0.000795	0.0511	0.00000984	1.14	1.77	0.0259	0.000183	4.03	0.0012	0.0467	0.000195	0.000199	0.0000579	0.0705	0.00000215	0.000063	0.000539	0.00195	2.42E-09
2051 Jun	54.8	0.0274	0.013	0.0011	10.2	0.0233	3.82	0.000992	0.000992	0.00000497	0.00681	0.00105	0.00988	0.0164	0.00000497	13.9	0.0000194	0.000228	0.000191	0.000759	0.0512	0.00000911	1.11	1.81	0.0294	0.000161	3.94	0.00116	0.0437	0.00023	0.000191	0.0000583	0.0717	0.00000199	0.0000588	0.000554	0.00182	1.61E-09
2051 Jul	56.1	0.0266	0.0135	0.00113	10.2	0.0234	3.89	0.001	0.001	0.00000501	0.00681	0.00103	0.00998	0.0161	0.00000501	13.7	0.0000194	0.000226	0.000187	0.00076	0.0504	0.00000906	1.11	1.79	0.0285	0.00016	3.98	0.00116	0.0433	0.000222	0.000191	0.0000581	0.0706	0.0000002	0.0000592	0.000546	0.00182	1.48E-09
2051 Aug	56.7	0.0273	0.0136	0.00114	10.4	0.0242	3.95	0.00102	0.00102	0.00000509	0.00689	0.00105	0.0102	0.0163	0.00000509	13.9	0.0000194	0.000228	0.000188	0.000772	0.0509	0.00000922	1.13	1.81	0.0286	0.000168	4.04	0.00118	0.0439	0.000222	0.000191	0.0000588	0.0716	0.00000203	0.0000601	0.000546	0.00184	1.48E-09
2051 Sep	55.9	0.0292	0.0132	0.00113	10.4	0.0245	3.94	0.00101	0.00101	0.00000504	0.00686	0.00104	0.0101	0.0162	0.00000504	13.8	0.0000191	0.000225	0.000185	0.00077	0.0503	0.00000916	1.12	1.79	0.0278	0.000177	4	0.00116	0.0438	0.000214	0.000184	0.0000578	0.071	0.00000201	0.0000602	0.00053	0.0018	1.42E-09
2051 Oct	53.8	0.0338	0.0123	0.00108	10.2	0.025	3.9	0.000967	0.000967	0.00000485	0.0067	0.001	0.00986	0.0156	0.00000485	13.4	0.0000018	0.000215	0.000174	0.000757	0.0481	0.00000884	1.07	1.72	0.0254	0.000198	3.89	0.00111

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2054 Dec	65.1	0.042	0.0152	0.00115	13.1	0.0265	4.86	0.00106	0.00106	0.0000053	0.00719	0.00124	0.0104	0.0221	0.0000053	18.5	0.0000198	0.000277	0.00028	0.000919	0.0654	0.00000987	1.37	2.43	0.044	0.000213	4.92	0.00134	0.0494	0.000357	0.00019	0.0000739	0.0959	0.00000212	0.0000674	0.000677	0.00184	6.31E-10
2055 Jan	65.1	0.0421	0.0153	0.00115	13.1	0.0265	4.86	0.00106	0.00106	0.0000053	0.00719	0.00124	0.0104	0.0221	0.0000053	18.5	0.0000198	0.000277	0.000281	0.000919	0.0655	0.00000987	1.37	2.43	0.044	0.000213	4.92	0.00134	0.0495	0.000357	0.00019	0.0000739	0.096	0.00000212	0.0000675	0.000678	0.00184	6.3E-10
2055 Feb	65.1	0.0421	0.0153	0.00115	13.2	0.0265	4.86	0.00106	0.00106	0.0000053	0.00719	0.00124	0.0104	0.0221	0.0000053	18.5	0.0000198	0.000277	0.000281	0.00092	0.0655	0.00000987	1.37	2.44	0.044	0.000213	4.93	0.00134	0.0495	0.000357	0.00019	0.0000739	0.0961	0.00000212	0.0000675	0.000678	0.00184	6.3E-10
2055 Mar	65.2	0.0421	0.0153	0.00115	13.2	0.0265	4.87	0.00106	0.00106	0.0000053	0.00719	0.00124	0.0104	0.0221	0.0000053	18.5	0.0000198	0.000277	0.000281	0.00092	0.0656	0.00000987	1.37	2.44	0.0441	0.000213	4.93	0.00134	0.0495	0.000358	0.00019	0.000074	0.0962	0.00000212	0.0000675	0.000679	0.00184	6.3E-10
2055 Apr	65.4	0.0423	0.0153	0.00116	13.2	0.0266	4.88	0.00106	0.00106	0.0000053	0.00721	0.00125	0.0104	0.0222	0.0000053	18.6	0.0000199	0.000278	0.000282	0.000923	0.0658	0.0000099	1.37	2.45	0.0443	0.000214	4.95	0.00134	0.0496	0.000359	0.000191	0.0000742	0.0965	0.00000213	0.0000677	0.000681	0.00185	6.32E-10
2055 May	66.2	0.0428	0.0155	0.00117	13.4	0.027	4.95	0.00108	0.00108	0.0000053	0.00731	0.00126	0.0106	0.0225	0.0000053	18.8	0.0000201	0.000282	0.000286	0.000936	0.0666	0.00001	1.39	2.48	0.0449	0.000217	5.01	0.00136	0.0503	0.000364	0.000194	0.0000752	0.0978	0.00000215	0.0000686	0.00069	0.00187	6.4E-10
2055 Jun	59.8	0.0346	0.0141	0.00112	11.6	0.0247	4.33	0.00102	0.00102	0.0000051	0.00695	0.00112	0.0101	0.0192	0.0000051	16.2	0.0000195	0.000252	0.000237	0.000836	0.0583	0.00000945	1.24	2.12	0.0368	0.000186	4.42	0.00124	0.0464	0.000295	0.00019	0.000066	0.0838	0.00000204	0.0000628	0.000615	0.00182	4.65E-10
2055 Jul	60.1	0.0326	0.0144	0.00114	11.4	0.0247	4.3	0.00102	0.00102	0.0000051	0.00694	0.00109	0.0101	0.0185	0.0000051	15.6	0.0000195	0.000246	0.000225	0.000824	0.0565	0.00000938	1.21	2.05	0.0348	0.000181	4.36	0.00124	0.0457	0.000277	0.000191	0.0000645	0.0809	0.00000205	0.0000626	0.000599	0.00183	4.12E-10
2055 Aug	62.4	0.0339	0.0149	0.00118	11.8	0.0256	4.47	0.00106	0.00106	0.0000053	0.00721	0.00113	0.0105	0.0192	0.0000053	16.2	0.0000202	0.000255	0.000233	0.000856	0.0586	0.00000974	1.26	2.13	0.0361	0.000188	4.53	0.00128	0.0474	0.000288	0.000198	0.000067	0.084	0.00000213	0.000065	0.000621	0.0019	4.27E-10
2055 Sep	62.4	0.0343	0.0148	0.00119	11.9	0.0258	4.48	0.00106	0.00106	0.0000053	0.00722	0.00114	0.0106	0.0193	0.0000053	16.3	0.0000202	0.000255	0.000233	0.000858	0.0586	0.00000976	1.26	2.13	0.036	0.000191	4.54	0.00128	0.0476	0.000286	0.000197	0.000067	0.0841	0.00000213	0.0000652	0.000619	0.0019	4.25E-10
2055 Oct	62.7	0.0346	0.0149	0.00119	11.9	0.026	4.5	0.00107	0.00107	0.0000536	0.00727	0.00114	0.0106	0.0194	0.0000536	16.3	0.0000203	0.000257	0.000234	0.000863	0.0589	0.00000982	1.27	2.14	0.0361	0.000193	4.56	0.00129	0.0478	0.000287	0.000198	0.0000673	0.0845	0.00000214	0.0000656	0.000621	0.00191	4.26E-10
2055 Nov	62.8	0.0348	0.0149	0.00119	12	0.0261	4.51	0.00107	0.00107	0.0000537	0.00728	0.00114	0.0107	0.0194	0.0000537	16.4	0.0000203	0.000257	0.000234	0.000865	0.059	0.00000984	1.27	2.14	0.0362	0.000194	4.57	0.00129	0.0479	0.000287	0.000198	0.0000674	0.0846	0.00000215	0.0000658	0.000622	0.00191	4.27E-10
2055 Dec	62.8	0.0349	0.0149	0.00119	12	0.0261	4.51	0.00107	0.00107	0.0000537	0.00728	0.00114	0.0107	0.0194	0.0000537	16.4	0.0000203	0.000257	0.000234	0.000865	0.059	0.00000984	1.27	2.14	0.0361	0.000194	4.57	0.00129	0.048	0.000287	0.000198	0.0000674	0.0847	0.00000215	0.0000658	0.000622	0.00191	4.26E-10
2056 Jan	62.8	0.0349	0.0149	0.00119	12	0.0261	4.52	0.00107	0.00107	0.0000537	0.00729	0.00115	0.0107	0.0194	0.0000537	16.4	0.0000203	0.000257	0.000235	0.000865	0.059	0.00000984	1.27	2.14	0.0362	0.000194	4.57	0.00129	0.048	0.000287	0.000198	0.0000674	0.0847	0.00000215	0.0000658	0.000622	0.00191	4.26E-10
2056 Feb	62.9	0.0349	0.0149	0.00119	12	0.0261	4.52	0.00107	0.00107	0.0000537	0.00729	0.00115	0.0107	0.0194	0.0000537	16.4	0.0000203	0.000257	0.000235	0.000866	0.0591	0.00000984	1.27	2.15	0.0362	0.000194	4.58	0.00129	0.048	0.000287	0.000198	0.0000674	0.0848	0.00000215	0.0000658	0.000623	0.00191	4.26E-10
2056 Mar	62.9	0.035	0.015	0.00119	12	0.0261	4.52	0.00107	0.00107	0.0000537	0.00729	0.00115	0.0107	0.0195	0.0000537	16.4	0.0000204	0.000258	0.000235	0.000867	0.0592	0.00000985	1.27	2.15	0.0363	0.000194	4.58	0.0013	0.048	0.000288	0.000198	0.0000675	0.0849	0.00000215	0.0000659	0.000623	0.00191	4.26E-10
2056 Apr	63.2	0.0351	0.015	0.0012	12	0.0262	4.54	0.00108	0.00108	0.0000539	0.00732	0.00115	0.0107	0.0195	0.0000539	16.5	0.0000204	0.000259	0.000236	0.00087	0.0594	0.00000988	1.28	2.16	0.0364	0.000195	4.6	0.0013	0.0482	0.000289	0.000199	0.0000677	0.0852	0.00000216	0.0000661	0.000626	0.00192	4.28E-10
2056 May	64.7	0.0367	0.0154	0.0012	12.5	0.0263	4.68	0.00108	0.00108	0.0000543	0.00737	0.00119	0.0107	0.0205	0.0000544	17.3	0.0000207	0.000268	0.000253	0.000892	0.062	0.00000999	1.32	2.27	0.0394	0.000197	4.75	0.00133	0.049	0.000315	0.000202	0.0000706	0.0894	0.00000217	0.0000671	0.000656	0.00193	4.17E-10
2056 Jun	65.9	0.0397	0.016	0.00112	13.3	0.0241	4.87	0.00102	0.00102	0.0000511	0.0069	0.00122	0.0099	0.0227	0.0000511	18.9	0.0000198	0.000282	0.000301	0.000904	0.067	0.00000949	1.38	2.51	0.0481	0.000187	4.96	0.00134	0.0478	0.000397	0.000196	0.0000763	0.0987	0.00000205	0.0000652	0.000721	0.00182	3.19E-10
2056 Jul	68.7	0.0411	0.0167	0.00117	13.8	0.0252	5.08	0.00106	0.00106	0.0000533	0.00718	0.00127	0.0103	0.0236	0.0000533	19.6	0.0000205	0.000293	0.000311	0.000942	0.0696	0.00000987	1.43	2.61	0.0498	0.000195	5.16	0.0014	0.0497	0.00041	0.000204	0.0000792	0.102	0.00000213	0.0000679	0.000746	0.0019	3.28E-10
2056 Aug	70.1	0.042	0.017	0.0012	14.1	0.026	5.19	0.00109	0.00109	0.0000546	0.00733	0.0013	0.0106	0.0241	0.0000546	20	0.0000208	0.000298	0.000317	0.000963	0.0709	0.0000101	1.46	2.66	0.0506	0.000202	5.27	0.00142	0.0509	0.000416	0.000207	0.0000808	0.104	0.00000218	0.0000695	0.000757	0.00193	3.32E-10
2056 Sep	71.7	0.0431	0.0173	0.00123	14.4	0.0267	5.31	0.00112	0.00112	0.0000559	0.0075	0.00133	0.0108	0.0246	0.0000559	20.5	0.0000213	0.000305	0.000323	0.000985	0.0725	0.0000104	1.49	2.72	0.0516	0.000208	5.39	0.00146	0.0521	0.000425	0.000211	0.0000826	0.107	0.00000223	0.0000711	0.000773	0.00198	3.39E-10
2056 Oct	70.7	0.043	0.0171	0.00121	14.2	0.0265	5.25	0.0011	0.0011	0.0000552	0.00742	0.00132	0.0107	0.0243	0.0000552	20.2	0.000021	0.000301	0.000319	0.000974	0.0715	0.0000102	1.48	2.68	0.0508	0.000208	5.33	0.00144	0.0515	0.000417	0.000208	0.0000815	0.105	0.00000221	0.0000704	0.000761	0.00195	3.33E-10
2056 Nov	70.6	0.0434	0.017	0.00121	14.2	0.0266	5.24	0.0011	0.0011	0.0000551	0.00743	0.00131	0.0107	0.0242	0.0000551	20.2	0.0000209	0.0003	0.000317	0.000974	0.0713	0.0000102	1.47	2.68	0.0505	0.00021	5.32	0.00143	0.0515	0.000415	0.000206	0.0000811	0.105	0.0000022	0.0000705	0.000757	0.00194	3.31E-10
2056 Dec	70.6	0.0435	0.017	0.00121	14.2	0.0266	5.25	0.0011	0.0011	0.0000551	0.00743	0.00131	0.0107	0.0242	0.0000552	20.2	0.0000209	0.0003	0.000317	0.000974	0.0713	0.0000102	1.47	2.68	0.0505	0.00021	5.32	0.00143	0.0515	0.000414	0.000206	0.0000811	0.105	0.00000221	0.0000705	0.000756	0.00194	3.31E-10
2057 Jan	70.6	0.0435	0.017	0.00121	14.2	0.0266	5.25	0.0011	0.0011	0.0000552	0.00743	0.00131	0.0107	0.0242	0.0000552	20.2	0.0000209	0.0003	0.000317	0.000974	0.0714	0.0000102	1.47	2.68	0.0505	0.00021	5.32	0.00143	0.0515	0.000415	0.000206	0.0000811	0.105	0.00000221	0.0000705	0.000757	0.00194	3.31E-10
2057 Feb	70.6	0.0435	0.017	0.00121	14.2	0.0266	5.25	0.0011	0.0011	0.0000552	0.00743	0.00131	0.0107	0.0242	0.0000552	20.2	0.0000209	0.000301	0.000318	0.000975	0.0714	0.0000102	1.47	2.68	0.0505	0.00021	5.32	0.00144	0.0516	0.000415	0.000206	0.0000812	0.105	0.00000221	0.0000706	0.000757	0.00194	3.31E-10
2057 Mar	70.7	0.0436	0.017	0.00121	14.3	0.0267	5.26	0.0011	0.0011	0.0000552	0.00744	0.00132	0.0107	0.0243	0.0000552	20.2	0.000021	0.000301	0.000318	0.000976	0.0715	0.0000102	1.48	2.68	0.0506	0.000211	5.33	0.00144	0.0516	0.000415	0.000206	0.0000813	0.105	0.00000221	0.0000706	0.000758	0.00194	3.31E-10
2057 Apr	71	0.0438	0.0171	0.00122	14.3	0.0268	5.28	0.00111	0.00111	0.0000554	0.00747	0.00132	0.0108	0.0244	0.0000554	20.3	0.000021	0.000302	0.000319	0.00098	0.0718	0.0000103	1.48	2.69	0.0508	0.000211	5.35	0.00144	0.0518	0.000417	0.000207	0.0000816	0.106	0.00000222	0.0000709	0.000761	0.00195	3.32E-10
2057 May	72.2	0.0446	0.0174	0.00123	14.6	0.0272	5.37	0.00112	0.00112	0.0000563	0.00759	0.00134	0.011	0.0248	0.0000563	20.7	0.0000214	0.000308	0.000325	0.000997	0.0731	0.0000105	1.51	2.74	0.0518	0.000215	5.44	0.00147	0.0527	0.000425	0.000211	0.000083	0.108	0.00000225	0.0000721	0.000775	0.00198	3.37E-10
2057 Jun	66.3	0.0399	0.0159	0.00115	13.3	0.0248	4.88	0.00105	0.00105	0.0000527	0.00716	0.00125	0.0102	0.023	0.0000527	19.2	0.0000205	0.000288	0.000302	0.000921	0.0683	0.00000986	1.4	2.54	0.0484	0.000191	5	0.00137	0.0494	0.000397	0.000204	0.0000773	0.1	0.00000211	0.0000666	0.000735	0.00189	2.55E-10
2057 Jul	67.5	0.04	0.0162	0.00117	13.5	0.0253	4.96	0.00108	0.00108	0.0000539	0.00731	0.00127	0.0105	0.0232	0.0000539	19.3	0.0000209	0.000292	0.000304	0.000935	0.069	0.0000101	1.42	2.56	0.0486	0.000193	5.07	0.00139	0.0503	0.000399	0.000208	0.0000783	0.101	0.00000215	0.0000679	0.000743	0.00194	2.52E-10
2057 Aug	72.1	0.0427	0.0173	0.00125	14.4	0.027	5.29	0.00115	0.00115	0.0000575	0.0078	0.00135	0.0112	0.0248	0.0000575	20.7	0.0000223	0.000312	0.000324	0.000999	0.0737	0.0000107	1.52	2.74	0.0518	0.000207	5.42	0.00149	0.0537	0.000425	0.000222	0.0000836	0.108	0.00000223	0.0000725	0.000793	0.00207	2.68E-10
2057 Sep	73.5	0.0436	0.0177	0.00128	14.7	0.0276	5.4	0.00117	0.00117	0.0000587	0.00795	0.00138	0.0114	0.0253	0.0000587	21.1	0.0000227	0.000318	0.000331	0.00102	0.0751	0.0000109	1.55	2.79	0.0528	0.000211	5.52	0.00151	0.0548	0.000433	0.000226	0.0000852	0.11	0.00000235	0.0000739	0.000808	0.00211	2.73E-10
2057 Oct	73.3	0.0438	0.0176	0.00128	14.7	0.0276	5.39	0.00117	0.00117	0.0000585	0.00794	0.00138	0.0114	0.0252	0.0000585	21	0.0000227	0.000317	0.000329	0.00102	0.0749	0.0000109	1.54	2.78	0.0525	0.000212	5.51	0.00151	0.0547	0.000431	0.000225	0.0000848	0.109	0.00000234	0.0000738	0.000804	0.0021	2.72E-10
2057 Nov	73.3	0.0442	0.0176	0.00128	14.7	0.0278	5.4	0.00117	0.00117	0.0000586	0.00796	0.00138	0.0114	0.0252	0.0000586	21	0.0000227	0.000317	0.000329	0.00102	0.0749	0.0000109	1.54	2.78	0.0524	0.000214	5.51	0.00151	0.0548	0.00043	0.000225	0.0000848	0.11	0.00000234	0.0000741	0.000803	0.0021	2.71E-10
2057 Dec	73.3	0.0443	0.0175	0.00128	14.7	0.0278	5.4	0.00117	0.00117	0.0000586	0.00797	0.00138	0.0114	0.0252	0.0000586	21	0.0000227	0.000317	0.000329	0.00102	0.0749	0.0000109	1.54	2.78	0.0524	0.000215	5.52	0.00151	0.0548	0.00043	0.000225	0.0000848	0.11	0.00000234	0.0000741	0.000803	0.0021	2.71E-10
2058 Jan	73.3	0.0443	0.0175	0.00128	14.7	0.0278	5.4	0.00117	0.00117	0.0000586	0.00797	0.00138	0.0114	0.0252	0.0000586	21	0.0000227	0.000317	0.000329	0.00102	0.0749	0.0000109	1.54	2.78	0.0524	0.000215	5.52	0.00151	0.0549	0.00043	0.000225	0.0000848	0.11	0.00000234	0.0000741	0.000803	0.0021	2.71E-10
2058 Feb	73.4	0.0444	0.0176	0.00128	14.7	0.0278	5.4	0.00117	0.00117	0.0000586	0.00797	0.00138	0.0114	0.0253	0.0000586	21	0.0000227	0.000317	0.000329	0.00102	0.075	0.0000109	1.54	2.79	0.0525	0.000215	5.52	0.00151	0.0549	0.00043	0.000225	0.0000848	0.11	0.00000234	0.0000741	0.000803	0.0021	2.71E-10
2058 Mar	73.4	0.0444	0.0176	0.00128	14.7	0.0278	5.41	0.00117	0.00117	0.0000586	0.00797	0.00138	0.0114	0.0253	0.0000587	21.1	0.0000227	0.000317	0.00033	0.00102	0.075	0.000011	1.54	2.79	0.0525	0.000215	5.52	0.00151	0.0549	0.00043	0.000225	0.0000848	0.11	0.00000235	0.0000741	0.000804	0.0021	2.71E-10
2058 Apr	73.6	0.0445	0.0176	0.00128	14.8	0.0279	5.42	0.00117	0.00117	0.0000588	0.00799	0.00138	0.0114	0.0253	0.0000588	21.1	0.0000227	0.000318	0.00033	0.00102	0.0752	0.000011	1.55	2.79	0.0527	0.000216	5.54	0.00152	0.055	0.000431	0.000225	0.0000851	0.11	0.00000235	0.0000743	0.000806	0.0021	2.72E-10
2058 May	75.1	0.0462	0.018	0.00128	15.2	0.0277	5.57	0.00118	0.00118	0.0000588	0.00799	0.00142	0.0114	0.0265	0.0000589	22	0.0000229	0.000328	0.000351	0.00104	0.0781	0.000011	1.59	2.92	0.0563	0.000217	5.69	0.00155	0.0557	0.000463	0.000227	0.0000883	0.115	0.00000235	0.0000775	0.00084	0.00211	2.59E-10
2058 Jun	73.2	0.0465	0.018	0.00113	15.3	0.0238	5.53	0.00104	0.00104	0.0000522	0.007	0.00137	0.00986	0.0272	0.0000522	22.3	0.0000205	0.000323	0.000379	0.000998	0.0785	0.00000978	1.56	3.01	0.062	0.000193	5.63	0.00147	0.0507	0.00052	0.000208	0.0000892	0.118	0.00000209	0.0000669	0.000856	0.00186	1.66E-10
2058 Jul	75.7	0.0473	0.0188	0.00117	15.7	0.0245	5.7	0.00107	0.00107	0.0000535	0.00714	0.0014	0.0101	0.0276	0.0000535	22.7	0.0000209	0.000329	0.000385	0.00102	0.0797	0.00000995	1.59	3.06	0.0628	0.000198	5.79	0.00151	0.0516	0.000527	0.000212	0.000091	0.12	0.00000214	0.0000709	0.000869	0.0019	1.66E-10
2058 Aug	78.8	0.0492	0.0195	0.00122	16.3	0.0256	5.94	0.00111	0.00111	0.0000557	0.00744	0.00145	0.0106	0.0287	0.0000557	23.6	0.0000217	0.000342	0.000401	0.00106	0.083	0.0000104	1.66	3.19	0.0653	0.000206	6.02	0.00157	0.0537	0.000548	0.00022	0.0000947	0.125	0.00000223	0.0000738	0.000903	0.00198	1.73E-10
2058 Sep	78.8	0.0496	0.0195	0.00122	16.3	0.0258	5.95	0.00112	0.00112	0.0000559	0.00746	0.00146	0.0106	0.0288	0.0000559	23.7	0.0000217	0.000342	0.0004	0.00107	0.083	0.0000104	1.66	3.19	0.0652	0.000209	6.03	0.00157	0.0539	0.000547	0.00022	0.0000947	0.125	0.00000223	0.0000741	0.000902	0.00198	1.73E-10
2058 Oct	78.5	0.05	0.0194	0.00122	16.3	0.0258	5.93	0.00111	0.00111	0.0000557	0.00746	0.00145	0.0106	0.0286	0.0000557	23.6	0.0000217	0.00034	0.000398	0.00106	0.0826	0.0000104	1.65	3.17	0.0647	0.000211	6.01	0.00156	0.0538	0.000542	0.000218	0.0000941	0.124	0.00000223	0.000074	0.000896	0.00197	1.71E-10
2058 Nov	78.6	0.0502	0.0194	0.00122	16.3	0.0259	5.95	0.00111	0.00111	0.0000558	0.00748	0.00145	0.0106	0.0287	0.0000559	23.6	0.0000217	0.000341	0.000398	0.00107	0.0827	0.0000104	1.66	3.18	0.0648	0.000212	6.02	0.00157	0.0539	0.000543	0.000218	0.0000943	0.124	0.00000223	0.0000742	0.000897	0.00198	1.71E-10
2058 Dec	78.6	0.0502	0.0194	0.00122	16.3	0.026	5.95	0.00112	0.00112	0.0000559	0.00748	0.00145	0.0106	0.0287	0.0000559	23.6	0.0000217	0.000341	0.000398	0.00107	0.0827	0.0000104	1.66	3.18	0.0647	0.000212	6.02	0.00157	0.0539	0.000543	0.000218	0.0000943	0.124	0.00000223	0.0000743	0.000896	0.00198	1.71E-10
2059 Jan	78.6	0.0502	0.0194	0.00122	16.3	0.026	5.95	0.00112	0.00112	0.0000559	0.00748	0.00145	0.0106	0.0287	0.0000559	23.6	0.0000217	0.000341	0.000398	0.00107	0.0827	0.0000104	1.66	3.18	0.0648	0.000213	6.02	0.00157	0.054	0.000543	0.000218	0.0000943	0.124	0.00000223	0.0000743	0.000896	0.00198	1.71E-10
2059 Feb	78.7	0.0503	0.0194	0.00122	16.3	0.026	5.95	0.00112	0.00112	0.0000559	0.00748	0.00145	0.0106	0.0287	0.0000559	23.6	0.0000217	0.000341	0.000398	0.00107	0.0828	0.0000104	1.66	3.18	0.0648	0.000213	6.02	0.00157	0.054	0.000543	0.000218	0.0000943	0.124	0.00000223	0.0000743	0.000897	0.00198	1.71E-10
2059 Mar	78.7	0.0503	0.0194	0.00122	16.3	0.026	5.95	0.00112	0.00112	0.0000559	0.00748	0.00145	0.0106	0.0287	0.0000559	23.6	0.0000217	0.000341	0.000399	0.00107	0.0828	0.0000104	1.66	3.18	0.0648	0.000213	6.02	0.00157	0.054	0.000543	0.000218	0.0000943	0.124	0.00000223	0.0000743	0.000897	0.00198	1.71E-10
2059 Apr	78.9	0.0504	0.0195	0.00123	16.4	0.026	5.97	0.00112	0.00112	0.0000056	0.0075	0.00146	0.0106	0.0288	0.0000056	23.7	0.0000218	0.000342	0.0004	0.00107	0.083	0.0000104	1.66	3.19	0.065	0.000213	6.04	0.00157	0.0541	0.000544	0.000219	0.0000946	0.125	0.

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2062 Jun	76.1	0.0539	0.0182	0.00119	16	0.0269	5.84	0.00109	0.00109	0.00000547	0.00744	0.00142	0.0106	0.0279	0.0000548	23.1	0.0000209	0.000332	0.000381	0.00105	0.0801	0.0000103	1.62	3.09	0.0614	0.000236	5.86	0.00152	0.0537	0.00051	0.000203	0.0000907	0.121	0.00000219	0.0000742	0.000849	0.0019	5.79E-11
2062 Jul	73.3	0.0495	0.0176	0.00118	15.1	0.0263	5.54	0.00108	0.00108	0.00000542	0.00737	0.00136	0.0106	0.0261	0.00000542	21.7	0.0000208	0.000317	0.000352	0.00101	0.0757	0.0000101	1.54	2.89	0.0565	0.000223	5.57	0.00147	0.0522	0.000467	0.000203	0.0000859	0.113	0.00000217	0.0000722	0.000806	0.0019	5.07E-11
2062 Aug	74	0.0501	0.0177	0.0012	15.3	0.027	5.61	0.0011	0.0011	0.0000055	0.00746	0.00138	0.0108	0.0264	0.0000055	21.9	0.0000209	0.00032	0.000354	0.00102	0.0763	0.0000103	1.56	2.91	0.0567	0.00023	5.64	0.00149	0.0529	0.000468	0.000204	0.0000868	0.115	0.0000022	0.0000733	0.000808	0.00192	5.07E-11
2062 Sep	72.6	0.0504	0.0173	0.00118	15.1	0.027	5.52	0.00108	0.00108	0.00000542	0.00737	0.00135	0.0106	0.0259	0.00000542	21.5	0.0000205	0.000313	0.000345	0.001	0.0748	0.0000102	1.53	2.86	0.0551	0.000233	5.54	0.00146	0.0523	0.000453	0.000197	0.0000849	0.112	0.00000217	0.0000723	0.000785	0.00188	4.91E-11
2062 Oct	67.9	0.053	0.0157	0.00112	14.1	0.0273	5.27	0.00101	0.00101	0.00000507	0.00699	0.00123	0.0102	0.0232	0.00000507	19.5	0.0000185	0.000281	0.0003	0.00093	0.0667	0.00000942	1.4	2.57	0.0466	0.000253	5.15	0.00133	0.049	0.000378	0.000166	0.0000752	0.101	0.00000203	0.0000699	0.000671	0.00168	3.93E-11
2062 Nov	67.9	0.0536	0.0157	0.00112	14.1	0.0275	5.28	0.00101	0.00101	0.00000507	0.007	0.00123	0.0102	0.0232	0.00000507	19.5	0.0000185	0.00028	0.000299	0.00094	0.0666	0.00000943	1.4	2.56	0.0463	0.000256	5.15	0.00133	0.0491	0.000375	0.000165	0.000075	0.101	0.00000203	0.0000701	0.000667	0.00167	3.9E-11
2062 Dec	68	0.0536	0.0157	0.00112	14.1	0.0275	5.28	0.00101	0.00101	0.00000508	0.00701	0.00123	0.0102	0.0232	0.00000508	19.5	0.0000185	0.00028	0.000299	0.00094	0.0666	0.00000943	1.4	2.56	0.0463	0.000257	5.15	0.00133	0.0491	0.000375	0.000165	0.000075	0.101	0.00000203	0.0000702	0.000667	0.00167	3.89E-11
2063 Jan	68	0.0537	0.0157	0.00112	14.1	0.0275	5.28	0.00101	0.00101	0.00000508	0.00701	0.00123	0.0102	0.0232	0.00000508	19.5	0.0000185	0.00028	0.000299	0.00094	0.0666	0.00000944	1.4	2.56	0.0463	0.000257	5.15	0.00133	0.0491	0.000375	0.000165	0.000075	0.101	0.00000203	0.0000702	0.000667	0.00167	3.89E-11
2063 Feb	68	0.0537	0.0157	0.00112	14.1	0.0275	5.29	0.00101	0.00101	0.00000508	0.00701	0.00124	0.0102	0.0232	0.00000508	19.5	0.0000185	0.00028	0.000299	0.00094	0.0666	0.00000944	1.4	2.57	0.0464	0.000257	5.15	0.00133	0.0491	0.000375	0.000165	0.000075	0.101	0.00000203	0.0000702	0.000667	0.00167	3.89E-11
2063 Mar	68	0.0537	0.0157	0.00112	14.1	0.0275	5.29	0.00101	0.00101	0.00000508	0.00701	0.00124	0.0102	0.0232	0.00000508	19.5	0.0000185	0.00028	0.000299	0.00094	0.0666	0.00000944	1.4	2.57	0.0464	0.000257	5.16	0.00133	0.0491	0.000375	0.000165	0.000075	0.101	0.00000203	0.0000702	0.000668	0.00167	3.89E-11
2063 Apr	68.2	0.0538	0.0158	0.00112	14.2	0.0276	5.3	0.00102	0.00102	0.00000509	0.00703	0.00124	0.0102	0.0233	0.00000509	19.6	0.0000186	0.000281	0.0003	0.00094	0.0668	0.00000946	1.4	2.57	0.0465	0.000257	5.17	0.00134	0.0492	0.000376	0.000166	0.0000752	0.101	0.00000203	0.0000704	0.000669	0.00168	3.9E-11
2063 May	69.5	0.0546	0.0162	0.00113	14.5	0.0276	5.41	0.00102	0.00102	0.00000513	0.00707	0.00126	0.0103	0.0239	0.00000513	20.1	0.0000188	0.000287	0.0003111	0.00096	0.0685	0.00000953	1.43	2.65	0.0485	0.000258	5.28	0.00136	0.0497	0.000394	0.000169	0.0000772	0.104	0.00000205	0.0000711	0.00069	0.00169	3.81E-11
2063 Jun	67.3	0.0453	0.0166	0.00106	13.6	0.0235	5.12	0.000929	0.000929	0.00000466	0.00624	0.00115	0.0092	0.0223	0.00000466	18.6	0.0000173	0.000267	0.0003	0.00087	0.0638	0.00000842	1.33	2.49	0.0475	0.000206	4.98	0.00128	0.0438	0.000392	0.000164	0.0000737	0.0972	0.00000186	0.0000642	0.000668	0.00157	2.16E-11
2063 Jul	68.3	0.0445	0.0171	0.00109	13.6	0.0237	5.17	0.000936	0.000936	0.00000469	0.00624	0.00114	0.0093	0.022	0.00000469	18.3	0.0000173	0.000265	0.000294	0.000878	0.0629	0.00000839	1.33	2.46	0.0465	0.000205	5	0.00128	0.0435	0.000383	0.000165	0.0000733	0.096	0.00000188	0.0000646	0.00066	0.00157	2.07E-11
2063 Aug	71.8	0.0467	0.0179	0.00114	14.3	0.025	5.43	0.000985	0.000985	0.00000494	0.00656	0.0012	0.00979	0.0231	0.00000494	19.3	0.0000182	0.000278	0.000309	0.000923	0.0661	0.00000883	1.39	2.58	0.0488	0.000216	5.26	0.00135	0.0457	0.000402	0.000173	0.000077	0.101	0.00000197	0.0000679	0.000692	0.00165	2.17E-11
2063 Sep	71.9	0.0474	0.0178	0.00115	14.3	0.0256	5.46	0.000994	0.000994	0.00000498	0.00661	0.0012	0.00994	0.0231	0.00000498	19.3	0.0000181	0.000279	0.000308	0.000929	0.0662	0.00000893	1.4	2.59	0.0485	0.000223	5.28	0.00135	0.0461	0.000398	0.000171	0.0000772	0.101	0.00000199	0.0000685	0.000687	0.00166	2.15E-11
2063 Oct	70.8	0.0475	0.0175	0.00114	14.2	0.0254	5.39	0.000982	0.000982	0.00000492	0.00655	0.00119	0.00983	0.0228	0.00000492	19.1	0.0000179	0.000275	0.000302	0.000918	0.0652	0.00000883	1.38	2.55	0.0475	0.000224	5.2	0.00133	0.0457	0.000389	0.000168	0.0000759	0.0997	0.00000197	0.0000678	0.000673	0.00163	2.1E-11
2063 Nov	70.7	0.048	0.0174	0.00113	14.2	0.0256	5.39	0.000982	0.000982	0.00000492	0.00657	0.00119	0.00985	0.0228	0.00000492	19	0.0000178	0.000274	0.000301	0.000919	0.065	0.00000884	1.38	2.54	0.0472	0.000227	5.2	0.00133	0.0458	0.000387	0.000167	0.0000756	0.0995	0.00000197	0.000068	0.00067	0.00163	2.08E-11
2063 Dec	70.7	0.0481	0.0174	0.00113	14.2	0.0256	5.39	0.000983	0.000983	0.00000493	0.00657	0.00119	0.00986	0.0228	0.00000493	19.1	0.0000179	0.000274	0.000301	0.00092	0.065	0.00000885	1.38	2.54	0.0472	0.000228	5.2	0.00133	0.0458	0.000386	0.000166	0.0000756	0.0995	0.00000197	0.0000681	0.00067	0.00163	2.08E-11
2064 Jan	70.7	0.0482	0.0174	0.00113	14.2	0.0257	5.39	0.000983	0.000983	0.00000493	0.00657	0.00119	0.00986	0.0228	0.00000493	19.1	0.0000179	0.000274	0.000301	0.00092	0.0651	0.00000885	1.38	2.55	0.0472	0.000228	5.2	0.00133	0.0458	0.000386	0.000166	0.0000756	0.0996	0.00000197	0.0000681	0.00067	0.00163	2.08E-11
2064 Feb	70.8	0.0482	0.0174	0.00114	14.2	0.0257	5.39	0.000983	0.000983	0.00000493	0.00657	0.00119	0.00986	0.0228	0.00000493	19.1	0.0000179	0.000275	0.000301	0.000921	0.0651	0.00000885	1.38	2.55	0.0473	0.000228	5.2	0.00133	0.0458	0.000387	0.000167	0.0000756	0.0996	0.00000197	0.0000681	0.00067	0.00163	2.08E-11
2064 Mar	70.9	0.0483	0.0174	0.00114	14.2	0.0257	5.4	0.000984	0.000984	0.00000493	0.00658	0.00119	0.00987	0.0228	0.00000494	19.1	0.0000179	0.000275	0.000302	0.000922	0.0652	0.00000887	1.38	2.55	0.0474	0.000228	5.21	0.00133	0.0459	0.000387	0.000167	0.0000757	0.0998	0.00000197	0.0000682	0.000671	0.00163	2.08E-11
2064 Apr	71	0.0484	0.0175	0.00114	14.2	0.0258	5.42	0.000987	0.000987	0.00000495	0.0066	0.00119	0.0099	0.0229	0.00000495	19.2	0.0000179	0.000276	0.000303	0.000924	0.0654	0.00000889	1.39	2.56	0.0475	0.000229	5.22	0.00134	0.046	0.000388	0.000167	0.0000759	0.1	0.00000198	0.0000684	0.000673	0.00164	2.09E-11
2064 May	72.5	0.0497	0.0179	0.00114	14.7	0.0255	5.55	0.000989	0.000989	0.00000496	0.00661	0.00123	0.00983	0.0241	0.00000496	20	0.0000181	0.000286	0.000324	0.000946	0.0685	0.00000896	1.43	2.69	0.0513	0.000227	5.38	0.00137	0.0467	0.000423	0.000171	0.0000793	0.105	0.00000198	0.0000689	0.000711	0.00165	1.95E-11
2064 Jun	73.4	0.0492	0.0186	0.00107	15.1	0.023	5.65	0.000931	0.000931	0.00000467	0.00612	0.00125	0.00903	0.0255	0.00000467	21	0.0000173	0.000294	0.000359	0.000941	0.0716	0.00000841	1.46	2.85	0.0579	0.000205	5.5	0.00137	0.0448	0.000486	0.000169	0.0000833	0.111	0.00000187	0.0000662	0.000762	0.00156	1.32E-11
2064 Jul	76.2	0.0509	0.0193	0.00112	15.7	0.0239	5.87	0.000967	0.000967	0.00000485	0.00635	0.00129	0.00938	0.0264	0.00000485	21.8	0.000018	0.000305	0.000371	0.000976	0.0742	0.00000873	1.51	2.95	0.0599	0.000213	5.71	0.00142	0.0464	0.000503	0.000176	0.0000864	0.115	0.00000194	0.0000688	0.000789	0.00162	1.36E-11
2064 Aug	77.5	0.0518	0.0196	0.00114	15.9	0.0245	5.97	0.000987	0.000987	0.00000495	0.00647	0.00132	0.00959	0.0268	0.00000495	22.1	0.0000182	0.00031	0.000376	0.000995	0.0754	0.00000892	1.54	3	0.0607	0.000219	5.81	0.00145	0.0474	0.000509	0.000178	0.0000878	0.117	0.00000198	0.0000701	0.000799	0.00165	1.37E-11
2064 Sep	75.7	0.0515	0.019	0.00112	15.6	0.0249	5.85	0.000977	0.000977	0.0000049	0.0064	0.00129	0.00959	0.0262	0.0000049	21.7	0.0000177	0.000303	0.000364	0.000979	0.0735	0.00000886	1.51	2.92	0.0585	0.000225	5.69	0.00142	0.0468	0.000489	0.000171	0.0000858	0.114	0.00000196	0.0000692	0.000768	0.00162	1.32E-11
2064 Oct	75.9	0.0519	0.019	0.00113	15.7	0.0251	5.87	0.000981	0.000981	0.00000492	0.00643	0.0013	0.00964	0.0263	0.00000492	21.7	0.0000178	0.000304	0.000365	0.000983	0.0737	0.0000089	1.52	2.93	0.0586	0.000227	5.71	0.00142	0.047	0.000489	0.000171	0.000086	0.114	0.00000197	0.0000696	0.00077	0.00162	1.32E-11
2064 Nov	76.2	0.0522	0.0191	0.00113	15.8	0.0252	5.89	0.000985	0.000985	0.00000494	0.00646	0.0013	0.00968	0.0263	0.00000494	21.8	0.0000178	0.000305	0.000366	0.000987	0.0739	0.00000893	1.52	2.94	0.0588	0.000228	5.73	0.00143	0.0472	0.00049	0.000172	0.0000863	0.115	0.00000197	0.0000699	0.000772	0.00163	1.32E-11
2064 Dec	76.2	0.0522	0.0191	0.00113	15.8	0.0252	5.89	0.000985	0.000985	0.00000494	0.00646	0.0013	0.00968	0.0263	0.00000494	21.8	0.0000178	0.000305	0.000366	0.000987	0.074	0.00000894	1.52	2.94	0.0588	0.000228	5.73	0.00143	0.0472	0.00049	0.000172	0.0000863	0.115	0.00000198	0.0000699	0.000772	0.00163	1.32E-11
2065 Jan	76.2	0.0523	0.0191	0.00113	15.8	0.0252	5.9	0.000985	0.000985	0.00000494	0.00646	0.0013	0.00969	0.0264	0.00000494	21.8	0.0000178	0.000305	0.000366	0.000987	0.074	0.00000894	1.52	2.94	0.0588	0.000228	5.73	0.00143	0.0472	0.00049	0.000172	0.0000863	0.115	0.00000198	0.0000699	0.000772	0.00163	1.32E-11
2065 Feb	76.2	0.0523	0.0191	0.00113	15.8	0.0252	5.9	0.000986	0.000986	0.00000494	0.00646	0.00131	0.00969	0.0264	0.00000494	21.8	0.0000178	0.000305	0.000366	0.000988	0.074	0.00000894	1.52	2.94	0.0588	0.000228	5.74	0.00143	0.0473	0.000491	0.000172	0.0000863	0.115	0.00000198	0.0000699	0.000773	0.00163	1.32E-11
2065 Mar	76.4	0.0524	0.0191	0.00113	15.8	0.0252	5.91	0.000987	0.000987	0.00000495	0.00647	0.00131	0.0097	0.0264	0.00000495	21.9	0.0000179	0.000306	0.000367	0.000989	0.0741	0.00000895	1.53	2.95	0.0589	0.000229	5.75	0.00143	0.0473	0.000491	0.000172	0.0000864	0.115	0.00000198	0.0000701	0.000774	0.00163	1.32E-11
2065 Apr	76.7	0.0526	0.0192	0.00114	15.9	0.0253	5.93	0.000991	0.000991	0.00000497	0.0065	0.00131	0.00974	0.0265	0.00000497	22	0.0000179	0.000307	0.000368	0.000993	0.0744	0.00000899	1.53	2.96	0.0592	0.00023	5.77	0.00144	0.0475	0.000493	0.000173	0.0000868	0.116	0.00000199	0.0000703	0.000777	0.00164	1.33E-11
2065 May	77.8	0.0535	0.0195	0.00114	16.2	0.0255	6.02	0.001	0.001	0.00000502	0.00657	0.00134	0.00981	0.0272	0.00000502	22.5	0.0000182	0.000314	0.000379	0.00101	0.0762	0.00000911	1.56	3.03	0.061	0.000231	5.87	0.00146	0.0482	0.000509	0.000176	0.0000887	0.118	0.00000201	0.000071	0.000797	0.00166	1.31E-11
2065 Jun	73.5	0.0492	0.0184	0.00109	15.2	0.0236	5.65	0.000957	0.000957	0.0000048	0.0063	0.00128	0.00931	0.0259	0.0000048	21.3	0.0000178	0.000301	0.000362	0.000956	0.0729	0.00000874	1.49	2.88	0.0585	0.00021	5.55	0.00139	0.0461	0.000489	0.000174	0.0000847	0.113	0.00000192	0.0000672	0.000774	0.00162	1.03E-11
2065 Jul	77.7	0.0513	0.0195	0.00116	16	0.025	5.95	0.00101	0.00101	0.00000507	0.00665	0.00134	0.00987	0.027	0.00000507	22.3	0.0000188	0.000315	0.000377	0.001	0.0763	0.00000921	1.56	3.02	0.0609	0.00022	5.83	0.00147	0.0485	0.00051	0.000184	0.0000888	0.118	0.00000203	0.0000709	0.000809	0.00171	1.06E-11
2065 Aug	81.4	0.0538	0.0205	0.00121	16.8	0.0263	6.24	0.00106	0.00106	0.00000532	0.00698	0.0014	0.0104	0.0283	0.00000533	23.4	0.0000196	0.00033	0.000395	0.00105	0.0799	0.00000967	1.63	3.16	0.0638	0.000232	6.12	0.00154	0.0509	0.000533	0.000193	0.0000931	0.123	0.00000213	0.0000744	0.000847	0.00179	1.11E-11
2065 Sep	78.6	0.0541	0.0195	0.00118	16.3	0.0263	6.07	0.00104	0.00104	0.0000052	0.00686	0.00136	0.0102	0.0273	0.0000052	22.6	0.000019	0.000319	0.000378	0.00103	0.0771	0.00000948	1.58	3.05	0.0607	0.000237	5.92	0.00149	0.0499	0.000506	0.000183	0.0000895	0.119	0.00000208	0.000073	0.000808	0.00173	1.05E-11
2065 Oct	72.9	0.0561	0.0175	0.00111	15.3	0.0265	5.72	0.000988	0.000988	0.00000495	0.00668	0.00128	0.00984	0.0253	0.00000495	21.1	0.0000179	0.000296	0.000342	0.000979	0.0714	0.00000909	1.48	2.82	0.0541	0.000253	5.53	0.00138	0.0482	0.000446	0.000163	0.0000817	0.11	0.00000198	0.0000708	0.000725	0.00161	9.15E-12
2065 Nov	72.4	0.0567	0.0173	0.00111	15.2	0.0267	5.69	0.000985	0.000985	0.00000494	0.00668	0.00128	0.00983	0.0252	0.00000494	21	0.0000178	0.000294	0.000339	0.000976	0.0709	0.00000908	1.47	2.8	0.0534	0.000256	5.5	0.00137	0.0482	0.00044	0.000161	0.0000809	0.11	0.00000197	0.0000708	0.000717	0.0016	8.99E-12
2065 Dec	72.4	0.0567	0.0173	0.00111	15.2	0.0267	5.7	0.000985	0.000985	0.00000494	0.00669	0.00128	0.00984	0.0252	0.00000494	21	0.0000178	0.000294	0.000339	0.000976	0.0709	0.00000908	1.47	2.8	0.0534	0.000257	5.5	0.00137	0.0483	0.000439	0.00016	0.0000809	0.11	0.00000197	0.0000708	0.000717	0.0016	8.98E-12
2066 Jan	72.5	0.0568	0.0173	0.00111	15.2	0.0267	5.7	0.000985	0.000985	0.00000494	0.00669	0.00128	0.00984	0.0252	0.00000494	21	0.0000178	0.000294	0.000339	0.000977	0.0709	0.00000908	1.47	2.8	0.0534	0.000257	5.5	0.00137	0.0483	0.000439	0.00016	0.0000809	0.11	0.00000197	0.0000708	0.000717	0.0016	8.98E-12
2066 Feb	72.5	0.0568	0.0173	0.00111	15.2	0.0267	5.7	0.000986	0.000986	0.00000494	0.00669	0.00128	0.00984	0.0252	0.00000494	21	0.0000178	0.000294	0.000339	0.000977	0.071	0.00000909	1.47	2.8	0.0534	0.000257	5.51	0.00138	0.0483	0.00044	0.00016	0.000081	0.11	0.00000198	0.0000709	0.000717	0.0016	8.98E-12
2066 Mar	72.7	0.057	0.0174	0.00111	15.3	0.0268	5.71	0.000988	0.000988	0.00000495	0.00671	0.00128	0.00986	0.0253	0.00000495	21.1	0.0000178	0.000295	0.00034	0.00098	0.0711	0.00000911	1.47	2.81	0.0536	0.000257	5.52	0.00138	0.0484	0.000441	0.000161	0.0000812	0.11	0.00000198	0.000071	0.000719	0.0016	9E-12
2066 Apr	72.9	0.0571	0.0174	0.00111	15.3	0.0269	5.73	0.000991	0.000991	0.00000496	0.00673	0.00129	0.00989	0.0253	0.00000497	21.1	0.0000179	0.000296	0.000341	0.000982	0.0714	0.00000913	1.48	2.82	0.0537	0.000258	5.54	0.00138	0.0486	0.000442	0.000161	0.0000814	0.11	0.00000199	0.0000712	0.000721	0.0016	9.02E-12
2066 May	73.8	0.0578	0.0176	0.00113	15.5	0.0272	5.8	0.001	0.001	0.00000502	0.0068	0.0013	0.01	0.0257	0.00000502	21.4	0.0000181	0.000299	0.000345	0.000994	0.0723	0.00000924	1.5	2.85	0.0545	0.000261	5.6	0.0014	0.0491	0.000448	0.000163	0.0000824	0.112	0.00000201	0.000072	0.000731	0.00162	9.11E-12
2066 Jun	67.4	0.0462	0.0165	0.00108	13.5	0.0244	5.12	0.000949	0.000949	0.00000476	0.00642	0.00116	0.00949	0.0222	0.00000476	18.5	0.0000176	0.000268	0.000294	0.000886	0.0636	0.00000866	1.33	2.47	0.0463	0.000216	4.97	0.00129	0.0448	0.000379	0.000165	0.0000732	0.0967	0.00000019	0.0000654	0.000661	0.0016	6.1E-12
2066 Jul	71.4	0.0476	0.0176	0.00116	14.2	0.0258	5.4	0.00101	0.00101	0.00000505	0.00678	0.00121	0.0101	0.023	0.00000505	19.2	0.0000186	0.00028	0.000303	0.000931	0.0662	0.00000913	1.4	2.57	0.0477	0.000225	5.23	0.00136	0.047	0.00039	0.000175	0.0000766	0.101	0.00000202	0.0000691	0.000688	0.0017	6.13E-12
2066 Aug	74.8	0.0499	0.0184	0.00122	14.9	0.0271	5.66	0.00106	0.00106	0.0000053	0.00711	0.00127	0.0106	0.0241	0.00000532	20.2	0.0000195	0.000293	0.000318	0.00097	0.0694	0.00000958	1.46	2.69	0.0499	0.000236	5.48	0.00142	0.0493	0.000409	0.000184	0.0000802	0.105	0.00000212	0.0000725	0.00072	0.00178	6.41E-12
2066 Sep	74.9	0.0508	0.0183	0.00122	14.9	0.0275	5.68	0.00106	0.00106	0.00000532	0.00715	0.00127	0.0106	0.0241	0.00000532	20.2	0.0000195	0.000293	0.000317	0.000981	0.0695	0.00000963	1.47	2.69	0.0497	0.000241	5.49	0.00142	0.0497	0.000406	0.000182	0.0000801	0.105	0.00000213	0.000073	0.000717	0.00178	6.37E-12
2066 Oct	73.1	0.0513	0.0177	0.00119	14.6	0.0274	5.58	0.00104	0.00104	0.00000523	0.00707	0.00125	0.0105	0.0236	0.00000523	19.8	0.0000191	0.000286	0.000307	0.000965	0.0678	0.00000948	1.44	2.63	0.048	0.000245	5.38	0.00139	0.049	0.000391	0.000176	0.0000779	0.103

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2069 Dec	69.2	0.0556	0.0159	0.00114	14.4	0.028	5.39	0.00104	0.00104	0.0000052	0.00725	0.00128	0.0104	0.024	0.0000052	20.2	0.0000193	0.000289	0.000311	0.000975	0.0694	0.00000977	1.44	2.65	0.0483	0.000261	5.26	0.00137	0.0511	0.000392	0.000172	0.0000771	0.104	0.00000208	0.0000722	0.000695	0.00173	2.07E-12
2070 Jan	69.2	0.0557	0.0159	0.00114	14.4	0.028	5.39	0.00104	0.00104	0.0000052	0.00725	0.00128	0.0104	0.0241	0.0000052	20.2	0.0000193	0.000289	0.000311	0.000975	0.0694	0.00000977	1.44	2.65	0.0483	0.000262	5.26	0.00137	0.0511	0.000392	0.000172	0.0000771	0.104	0.00000208	0.0000722	0.000696	0.00173	2.07E-12
2070 Feb	69.2	0.0557	0.0159	0.00114	14.4	0.028	5.39	0.00104	0.00104	0.0000052	0.00725	0.00128	0.0104	0.0241	0.0000052	20.2	0.0000193	0.000289	0.000311	0.000975	0.0695	0.00000977	1.44	2.66	0.0484	0.000262	5.26	0.00137	0.0511	0.000393	0.000172	0.0000771	0.105	0.00000208	0.0000722	0.000696	0.00173	2.07E-12
2070 Mar	69.3	0.0558	0.0159	0.00114	14.4	0.0281	5.4	0.00104	0.00104	0.0000052	0.00725	0.00128	0.0104	0.0241	0.0000052	20.2	0.0000193	0.000289	0.000311	0.000976	0.0695	0.00000978	1.44	2.66	0.0484	0.000262	5.27	0.00137	0.0511	0.000393	0.000172	0.0000772	0.105	0.00000208	0.0000723	0.000697	0.00173	2.07E-12
2070 Apr	69.6	0.056	0.016	0.00114	14.5	0.0282	5.42	0.00104	0.00104	0.0000052	0.00728	0.00129	0.0104	0.0242	0.0000052	20.3	0.0000194	0.000291	0.000313	0.00098	0.0699	0.00000982	1.45	2.67	0.0487	0.000263	5.29	0.00138	0.0514	0.000395	0.000173	0.0000775	0.105	0.00000209	0.0000726	0.0007	0.00173	2.08E-12
2070 May	71.2	0.0569	0.0164	0.00115	14.9	0.0283	5.55	0.00105	0.00105	0.0000052	0.00733	0.00131	0.0105	0.025	0.0000052	20.9	0.0000196	0.000298	0.000326	0.000999	0.0718	0.00000991	1.48	2.75	0.0509	0.000264	5.42	0.0014	0.052	0.000415	0.000176	0.0000799	0.108	0.00000211	0.0000735	0.000724	0.00175	2.02E-12
2070 Jun	73.5	0.0555	0.0177	0.00113	15.3	0.0263	5.72	0.00101	0.00101	0.0000507	0.00692	0.00132	0.00994	0.026	0.0000507	21.6	0.000019	0.000304	0.000352	0.000997	0.074	0.00000943	1.51	2.88	0.056	0.000244	5.58	0.00142	0.05	0.000464	0.000176	0.0000835	0.113	0.00000203	0.0000718	0.000763	0.00169	1.58E-12
2070 Jul	76.8	0.0578	0.0185	0.00118	16	0.0275	5.97	0.00106	0.00106	0.0000531	0.00724	0.00138	0.0104	0.0271	0.0000531	22.5	0.0000198	0.000317	0.000367	0.00104	0.0772	0.00000987	1.57	3.01	0.0583	0.000254	5.82	0.00148	0.0523	0.000483	0.000184	0.0000871	0.118	0.00000212	0.000075	0.000796	0.00177	1.64E-12
2070 Aug	79.2	0.0596	0.019	0.00122	16.5	0.0285	6.16	0.0011	0.0011	0.0000549	0.00747	0.00142	0.0107	0.0279	0.0000549	23.2	0.0000204	0.000327	0.000378	0.00107	0.0796	0.0000102	1.62	3.1	0.06	0.000263	6.01	0.00153	0.054	0.000497	0.000189	0.0000898	0.121	0.00000219	0.0000774	0.000819	0.00183	1.68E-12
2070 Sep	77.4	0.0605	0.0184	0.0012	16.2	0.0287	6.05	0.00108	0.00108	0.0000541	0.00741	0.0014	0.0107	0.0272	0.0000541	22.7	0.00002	0.000319	0.000366	0.00106	0.0776	0.0000101	1.59	3.02	0.0577	0.00027	5.88	0.00149	0.0534	0.000476	0.000182	0.0000872	0.118	0.00000216	0.0000768	0.000789	0.00178	1.61E-12
2070 Oct	75.1	0.061	0.0176	0.00117	15.8	0.0287	5.91	0.00106	0.00106	0.0000529	0.00731	0.00136	0.0105	0.0264	0.0000529	22	0.0000194	0.000309	0.000351	0.00104	0.0751	0.00000988	1.54	2.92	0.0551	0.000275	5.72	0.00145	0.0526	0.000452	0.000173	0.000084	0.115	0.00000212	0.0000757	0.000755	0.00173	1.53E-12
2070 Nov	74.8	0.0615	0.0175	0.00117	15.8	0.0289	5.9	0.00106	0.00106	0.0000529	0.00732	0.00136	0.0105	0.0263	0.0000529	22	0.0000194	0.000308	0.000349	0.00104	0.0749	0.00000989	1.54	2.91	0.0547	0.000278	5.71	0.00145	0.0526	0.000448	0.000172	0.0000836	0.114	0.00000211	0.0000758	0.00075	0.00172	1.51E-12
2070 Dec	74.8	0.0615	0.0175	0.00117	15.8	0.0289	5.9	0.00106	0.00106	0.0000529	0.00732	0.00136	0.0105	0.0263	0.0000529	22	0.0000194	0.000308	0.000349	0.00104	0.0749	0.00000989	1.54	2.91	0.0546	0.000278	5.71	0.00145	0.0526	0.000448	0.000172	0.0000836	0.114	0.00000212	0.0000758	0.00075	0.00172	1.51E-12
2071 Jan	74.8	0.0616	0.0175	0.00117	15.8	0.0289	5.9	0.00106	0.00106	0.0000529	0.00732	0.00136	0.0105	0.0263	0.0000529	22	0.0000194	0.000308	0.000349	0.00104	0.0749	0.00000989	1.54	2.91	0.0547	0.000278	5.71	0.00145	0.0526	0.000448	0.000172	0.0000836	0.114	0.00000212	0.0000758	0.00075	0.00172	1.51E-12
2071 Feb	74.9	0.0616	0.0175	0.00117	15.8	0.0289	5.9	0.00106	0.00106	0.0000529	0.00732	0.00136	0.0105	0.0263	0.0000529	22	0.0000194	0.000308	0.000349	0.00104	0.0749	0.00000989	1.54	2.92	0.0547	0.000278	5.71	0.00145	0.0526	0.000448	0.000172	0.0000836	0.114	0.00000212	0.0000758	0.00075	0.00172	1.51E-12
2071 Mar	74.9	0.0616	0.0175	0.00117	15.8	0.0289	5.91	0.00106	0.00106	0.0000529	0.00732	0.00136	0.0105	0.0264	0.0000529	22	0.0000194	0.000309	0.000349	0.00104	0.075	0.00000989	1.54	2.92	0.0547	0.000278	5.71	0.00145	0.0526	0.000448	0.000172	0.0000837	0.114	0.00000212	0.0000758	0.000751	0.00172	1.51E-12
2071 Apr	75	0.0617	0.0175	0.00117	15.8	0.0289	5.92	0.00106	0.00106	0.0000053	0.00734	0.00136	0.0105	0.0264	0.0000053	22	0.0000194	0.000309	0.00035	0.00104	0.0751	0.00000991	1.54	2.92	0.0548	0.000279	5.72	0.00145	0.0527	0.000449	0.000172	0.0000838	0.115	0.00000212	0.000076	0.000752	0.00173	1.51E-12
2071 May	75.4	0.0619	0.0176	0.00117	16	0.0287	5.95	0.00106	0.00106	0.0000529	0.00732	0.00137	0.0105	0.0268	0.0000529	22.3	0.0000195	0.000313	0.000358	0.00104	0.0761	0.00000991	1.56	2.96	0.0562	0.000277	5.77	0.00146	0.0528	0.000462	0.000173	0.0000849	0.116	0.00000212	0.0000759	0.000766	0.00173	1.47E-12
2071 Jun	73.3	0.056	0.0177	0.00112	15.3	0.0261	5.72	0.000994	0.000994	0.00000498	0.00679	0.0013	0.00979	0.0257	0.0000498	21.3	0.0000185	0.000299	0.000349	0.000987	0.0729	0.00000922	1.49	2.85	0.0554	0.000245	5.54	0.0014	0.0491	0.000458	0.00017	0.0000824	0.112	0.00000199	0.0000713	0.000749	0.00165	1.12E-12
2071 Jul	75.5	0.0566	0.0183	0.00116	15.6	0.0268	5.86	0.00102	0.00102	0.0000512	0.00696	0.00132	0.0101	0.026	0.0000512	21.6	0.000019	0.000305	0.000353	0.00101	0.074	0.00000943	1.52	2.9	0.0559	0.00025	5.67	0.00143	0.0501	0.000462	0.000175	0.0000839	0.113	0.00000205	0.0000731	0.000761	0.00169	1.11E-12
2071 Aug	78.5	0.0589	0.019	0.0012	16.2	0.0279	6.1	0.00106	0.00106	0.0000533	0.00724	0.00138	0.0105	0.0271	0.0000533	22.5	0.0000197	0.000317	0.000367	0.00105	0.077	0.00000982	1.58	3.01	0.0581	0.00026	5.9	0.00149	0.0521	0.00048	0.000182	0.0000873	0.118	0.00000213	0.000076	0.00079	0.00176	1.16E-12
2071 Sep	76.7	0.0588	0.0184	0.00118	15.9	0.0279	5.98	0.00105	0.00105	0.0000524	0.00715	0.00135	0.0104	0.0265	0.0000525	22	0.0000193	0.00031	0.000356	0.00103	0.0751	0.00000968	1.55	2.94	0.0562	0.000263	5.77	0.00146	0.0514	0.000463	0.000175	0.000085	0.115	0.00000021	0.000075	0.000765	0.00172	1.11E-12
2071 Oct	75.4	0.0587	0.018	0.00116	15.7	0.0278	5.9	0.00103	0.00103	0.0000518	0.00708	0.00133	0.0103	0.026	0.0000518	21.7	0.000019	0.000304	0.000348	0.00102	0.0738	0.00000957	1.52	2.89	0.0549	0.000263	5.68	0.00143	0.0508	0.000451	0.000171	0.0000834	0.113	0.00000207	0.0000742	0.000748	0.00169	1.09E-12
2071 Nov	75	0.0591	0.0179	0.00116	15.6	0.0279	5.88	0.00103	0.00103	0.0000516	0.00707	0.00132	0.0103	0.0259	0.0000516	21.6	0.0000189	0.000303	0.000346	0.00101	0.0734	0.00000955	1.51	2.87	0.0543	0.000266	5.66	0.00143	0.0508	0.000447	0.00017	0.0000828	0.113	0.00000206	0.0000742	0.000741	0.00168	1.07E-12
2071 Dec	75	0.0593	0.0178	0.00116	15.6	0.0279	5.88	0.00103	0.00103	0.0000516	0.00708	0.00132	0.0103	0.0259	0.0000517	21.6	0.0000189	0.000303	0.000345	0.00101	0.0734	0.00000955	1.51	2.87	0.0542	0.000267	5.65	0.00143	0.0508	0.000446	0.000169	0.0000827	0.112	0.00000206	0.0000742	0.00074	0.00168	1.07E-12
2072 Jan	75	0.0593	0.0178	0.00116	15.6	0.0279	5.88	0.00103	0.00103	0.0000516	0.00708	0.00132	0.0103	0.0259	0.0000517	21.6	0.0000189	0.000303	0.000345	0.00101	0.0734	0.00000955	1.51	2.87	0.0542	0.000267	5.66	0.00143	0.0508	0.000446	0.000169	0.0000827	0.112	0.00000207	0.0000743	0.00074	0.00168	1.07E-12
2072 Feb	75	0.0593	0.0178	0.00116	15.6	0.0279	5.88	0.00103	0.00103	0.0000516	0.00708	0.00133	0.0103	0.0259	0.0000517	21.6	0.0000189	0.000303	0.000346	0.00102	0.0734	0.00000956	1.52	2.87	0.0543	0.000267	5.66	0.00143	0.0508	0.000446	0.000169	0.0000827	0.113	0.00000207	0.0000743	0.00074	0.00168	1.07E-12
2072 Mar	75	0.0594	0.0179	0.00116	15.6	0.0279	5.88	0.00103	0.00103	0.0000517	0.00708	0.00133	0.0103	0.0259	0.0000517	21.6	0.0000189	0.000303	0.000346	0.00102	0.0735	0.00000956	1.52	2.88	0.0543	0.000267	5.66	0.00143	0.0509	0.000446	0.000169	0.0000828	0.113	0.00000207	0.0000743	0.000741	0.00168	1.07E-12
2072 Apr	75.3	0.0596	0.0179	0.00116	15.7	0.028	5.9	0.00103	0.00103	0.0000518	0.0071	0.00133	0.0103	0.026	0.0000518	21.7	0.000019	0.000304	0.000347	0.00102	0.0737	0.00000959	1.52	2.89	0.0545	0.000268	5.68	0.00143	0.051	0.000447	0.00017	0.0000831	0.113	0.00000207	0.0000745	0.000744	0.00169	1.07E-12
2072 May	76.5	0.0605	0.0182	0.00118	15.9	0.0285	6	0.00105	0.00105	0.0000527	0.00722	0.00135	0.0105	0.0264	0.0000527	22	0.0000193	0.000309	0.000353	0.00104	0.0749	0.00000974	1.55	2.93	0.0554	0.000272	5.77	0.00146	0.0518	0.000455	0.000173	0.0000844	0.115	0.00000211	0.0000758	0.000756	0.00171	1.09E-12
2072 Jun	71.1	0.0539	0.0168	0.00115	14.6	0.0271	5.48	0.00103	0.00103	0.0000517	0.00714	0.00128	0.0103	0.0243	0.0000517	20.3	0.0000194	0.000292	0.000319	0.000973	0.07	0.00000963	1.45	2.69	0.0501	0.000249	5.33	0.00139	0.0503	0.000408	0.000177	0.0000786	0.106	0.00000207	0.0000719	0.000716	0.00173	9.35E-13
2072 Jul	71.5	0.0533	0.0168	0.00117	14.6	0.0277	5.49	0.00105	0.00105	0.0000528	0.00729	0.00129	0.0105	0.0243	0.0000529	20.4	0.0000197	0.000294	0.000317	0.000983	0.0705	0.00000986	1.46	2.69	0.0497	0.00025	5.36	0.0014	0.0512	0.000405	0.000181	0.000079	0.106	0.00000211	0.0000728	0.000719	0.00178	9.11E-13
2072 Aug	70	0.0528	0.0162	0.00117	14.4	0.0289	5.41	0.00105	0.00105	0.0000528	0.00719	0.00128	0.0107	0.0238	0.0000528	20	0.0000188	0.000288	0.000303	0.000972	0.0683	0.00000989	1.44	2.62	0.047	0.000264	5.28	0.00138	0.0507	0.000379	0.000171	0.0000774	0.103	0.00000211	0.0000722	0.000675	0.00174	8.43E-13
2072 Sep	68.6	0.0526	0.0157	0.00115	14.2	0.0293	5.32	0.00104	0.00104	0.0000522	0.00708	0.00126	0.0107	0.0232	0.0000522	19.5	0.0000181	0.000281	0.000292	0.000956	0.0663	0.00000978	1.41	2.55	0.045	0.00027	5.18	0.00135	0.0499	0.00036	0.000163	0.0000756	0.101	0.00000209	0.0000713	0.000644	0.00169	7.93E-13
2072 Oct	67.1	0.0529	0.0154	0.00113	13.8	0.029	5.24	0.00101	0.00101	0.0000507	0.00689	0.00121	0.0105	0.0222	0.0000507	18.8	0.0000174	0.000269	0.000276	0.000931	0.0633	0.00000944	1.36	2.45	0.0422	0.000273	5.04	0.00131	0.0484	0.000336	0.000152	0.0000722	0.0968	0.00000203	0.0000702	0.000606	0.00162	7.27E-13
2072 Nov	67	0.0533	0.0153	0.00113	13.8	0.0291	5.24	0.00101	0.00101	0.0000506	0.00689	0.0012	0.0105	0.0221	0.0000506	18.7	0.0000173	0.000267	0.000274	0.000929	0.0629	0.00000941	1.35	2.43	0.0417	0.000275	5.03	0.0013	0.0483	0.000331	0.000151	0.0000717	0.0963	0.00000202	0.0000703	0.0006	0.00161	7.15E-13
2072 Dec	67	0.0534	0.0153	0.00113	13.8	0.0291	5.24	0.00101	0.00101	0.0000506	0.00689	0.0012	0.0105	0.0221	0.0000506	18.7	0.0000173	0.000267	0.000274	0.000929	0.0629	0.00000941	1.35	2.43	0.0417	0.000275	5.03	0.0013	0.0483	0.000331	0.00015	0.0000717	0.0963	0.00000202	0.0000703	0.0006	0.00161	7.15E-13
2073 Jan	67.1	0.0534	0.0153	0.00113	13.8	0.0291	5.24	0.00101	0.00101	0.0000506	0.00689	0.0012	0.0105	0.0221	0.0000506	18.7	0.0000173	0.000267	0.000274	0.00093	0.063	0.00000941	1.36	2.43	0.0417	0.000276	5.03	0.0013	0.0483	0.000331	0.00015	0.0000717	0.0963	0.00000202	0.0000703	0.0006	0.00161	7.14E-13
2073 Feb	67.1	0.0535	0.0153	0.00113	13.8	0.0291	5.24	0.00101	0.00101	0.0000506	0.00689	0.00121	0.0105	0.0221	0.0000506	18.7	0.0000173	0.000267	0.000274	0.00093	0.063	0.00000941	1.36	2.44	0.0418	0.000276	5.03	0.0013	0.0483	0.000331	0.00015	0.0000717	0.0964	0.00000202	0.0000703	0.0006	0.00161	7.14E-13
2073 Mar	67.1	0.0535	0.0153	0.00113	13.8	0.0292	5.24	0.00101	0.00101	0.0000506	0.00689	0.00121	0.0105	0.0221	0.0000506	18.7	0.0000173	0.000268	0.000275	0.000931	0.063	0.00000942	1.36	2.44	0.0418	0.000276	5.03	0.0013	0.0484	0.000332	0.00015	0.0000717	0.0965	0.00000202	0.0000704	0.000601	0.00161	7.14E-13
2073 Apr	67.6	0.0539	0.0154	0.00114	13.9	0.0294	5.28	0.00102	0.00102	0.0000051	0.00694	0.00121	0.0105	0.0223	0.0000051	18.9	0.0000174	0.000269	0.000277	0.000937	0.0635	0.00000949	1.37	2.46	0.0421	0.000278	5.07	0.00131	0.0487	0.000334	0.000152	0.0000723	0.0972	0.00000204	0.0000709	0.000605	0.00162	7.19E-13
2073 May	70	0.0549	0.0162	0.00114	14.5	0.0288	5.47	0.00102	0.00102	0.0000051	0.00693	0.00126	0.0104	0.0236	0.0000051	19.9	0.0000177	0.000282	0.000302	0.000962	0.067	0.00000951	1.42	2.61	0.0467	0.000273	5.27	0.00135	0.0492	0.000376	0.000157	0.0000764	0.103	0.00000204	0.0000716	0.000652	0.00164	6.63E-13
2073 Jun	72.3	0.0535	0.0175	0.00111	15	0.0267	5.63	0.000983	0.000983	0.00000493	0.00658	0.00127	0.0099	0.0247	0.00000493	20.6	0.0000174	0.00029	0.000331	0.000962	0.0697	0.00000908	1.45	2.74	0.0522	0.000249	5.43	0.00137	0.0476	0.000429	0.000161	0.0000802	0.108	0.00000197	0.00007	0.000702	0.0016	5.09E-13
2073 Jul	74.9	0.0547	0.0182	0.00116	15.4	0.0275	5.82	0.00101	0.00101	0.00000508	0.00677	0.0013	0.0102	0.0253	0.00000508	21.1	0.0000179	0.000297	0.000338	0.000989	0.0713	0.00000932	1.49	2.81	0.0533	0.000256	5.6	0.00141	0.0488	0.000438	0.000165	0.0000824	0.11	0.00000203	0.0000722	0.000718	0.00164	5.16E-13
2073 Aug	77.3	0.0564	0.0188	0.0012	15.9	0.0285	6.01	0.00105	0.00105	0.0000526	0.00699	0.00134	0.0106	0.0261	0.0000526	21.8	0.0000185	0.000306	0.000349	0.00102	0.0737	0.00000965	1.54	2.9	0.055	0.000265	5.78	0.00146	0.0505	0.000451	0.00017	0.0000851	0.114	0.00000221	0.0000746	0.00074	0.0017	5.31E-13
2073 Sep	76.9	0.0566	0.0186	0.00119	15.8	0.0286	5.98	0.00105	0.00105	0.0000524	0.00698	0.00133	0.0106	0.026	0.0000524	21.7	0.0000184	0.000304	0.000346	0.00102	0.0732	0.00000963	1.53	2.88	0.0544	0.000267	5.75	0.00145	0.0504	0.000446	0.000169	0.0000844	0.113	0.00000021	0.0000744	0.000733	0.00169	5.25E-13
2073 Oct	74.5	0.0569	0.0178	0.00116	15.4	0.0284	5.83	0.00102	0.00102	0.0000512	0.00687	0.0013	0.0104	0.0252	0.0000512	21.1	0.0000179	0.000295	0.000333	0.000997	0.0709	0.00000943	1.49	2.79	0.052	0.000269	5.59	0.00141	0.0495	0.000425	0.000161	0.0000814	0.11	0.00000205	0.0000732	0.000703	0.00164	5E-13
2073 Nov	74	0.0574	0.0176	0.00115	15.3	0.0285	5.8	0.00102	0.00102	0.0000051	0.00687	0.00129	0.0103	0.025	0.0000511	20.9	0.0000178	0.000293	0.000329	0.000993	0.0704	0.00000941	1.48	2.77	0.0513	0.000273	5.55	0.0014	0.0494	0.000419	0.000159	0.0000806	0.109	0.00000204	0.0000731	0.000694	0.00162	4.92E-13
2073 Dec	74	0.0575	0.0176	0.00116	15.3	0.0286	5.81	0.00102	0.00102	0.0000511	0.00688	0.00129	0.0103	0.025	0.0000511	20.9	0.0000178	0.000293	0.000329	0.000994	0.0704	0.00000941	1.48	2.77	0.0513	0.000273	5.55	0.0014	0.0495	0.000418	0.000159	0.0000806	0.109	0.00000204	0.0000732	0.000694	0.00162	4.91E-13
2074 Jan	74	0.0576	0.0176	0.00116	15.3	0.0286	5.81	0.00102	0.00102	0.0000511	0.00688	0.00129	0.0103	0.025	0.0000511	20.9	0.0000178	0.000293	0.000329	0.000994	0.0704	0.00000942	1.48	2.77	0.0513	0.000273	5.56	0.0014	0.0495	0.000419	0.000159	0.0000806	0.109	0.00000204	0.0000732	0.000694	0.00162	4.91E-13
2074 Feb	74	0.0576	0.0176	0.00116	15.4	0.0286	5.81	0.00102	0.00102	0.0000511	0.00688	0.00129	0.0103	0.025	0.0000511	20.9	0.0000178	0.000293	0.000329	0.000994	0.0705	0.00000942	1.48	2.78	0.0514	0.000273	5.56	0.0014	0.0495	0.000419	0.000159	0.0000807	0.109	0.00000204	0.0000732	0.000694	0.00162	4.91E-13
2074 Mar	74.1	0.0576	0.0176	0.00116	15.4	0.0286	5.81	0.00102	0.00102	0.0000511	0.00688	0.0013	0.0104	0.025	0.0000511	21	0.0000178	0.000293	0.000329	0.000995	0.0705	0.00000942	1.48	2.78	0.0514	0.000273	5.56	0.0014	0.0495	0.000419	0.000159	0.0000807	0.109	0.00000204	0.0000733	0.000695	0.00162	4.91E-13
2074 Apr	74.5	0.058	0.0177	0.00116	15.5	0.0288	5.85	0.00103	0.00103	0.0000514	0.00692	0.0013	0.0104	0.0252	0.0000514	21.1	0.0000179	0.000295	0.000331	0.001	0.071	0.00000948	1.49	2.79	0.0517	0.000275	5.6	0.00141	0.0498	0.000421	0.00016	0.0000812	0.11	0.00000206	0.0000737	0.000699	0.00163	4

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2077 Jun	76.3	0.054	0.0188	0.00113	15.9	0.025	5.87	0.00101	0.00101	0.00000508	0.00686	0.00136	0.00987	0.0273	0.0000508	22.6	0.0000194	0.000319	0.000381	0.00101	0.0777	0.00000947	1.56	3.04	0.0615	0.000227	5.76	0.00147	0.0502	0.000513	0.000187	0.0000885	0.119	0.00000203	0.0000717	0.000824	0.00173	1.21E-13
2077 Jul	79.5	0.0561	0.0196	0.00119	16.5	0.0262	6.12	0.00106	0.00106	0.00000531	0.00718	0.00142	0.0103	0.0285	0.00000531	23.5	0.0000203	0.000333	0.000396	0.00106	0.081	0.00000991	1.63	3.16	0.0639	0.000237	6	0.00153	0.0525	0.000534	0.000196	0.0000922	0.124	0.00000212	0.0000749	0.000859	0.00182	1.25E-13
2077 Aug	83.2	0.0587	0.0205	0.00124	17.3	0.0275	6.4	0.00111	0.00111	0.00000556	0.00752	0.00149	0.0108	0.0298	0.00000556	24.6	0.0000212	0.000348	0.000414	0.0011	0.0848	0.0000104	1.71	3.31	0.0668	0.000248	6.28	0.0016	0.0549	0.000558	0.000205	0.0000965	0.129	0.00000222	0.0000784	0.000898	0.0019	1.31E-13
2077 Sep	79.5	0.0583	0.0193	0.0012	16.6	0.0273	6.15	0.00107	0.00107	0.00000538	0.0073	0.00143	0.0105	0.0284	0.00000538	23.5	0.0000203	0.000333	0.000391	0.00107	0.0808	0.0000101	1.63	3.15	0.0628	0.000252	6.02	0.00153	0.0532	0.000522	0.000192	0.0000917	0.124	0.00000215	0.0000761	0.000845	0.00182	1.22E-13
2077 Oct	78.5	0.0592	0.0189	0.00119	16.4	0.0275	6.1	0.00107	0.00107	0.00000534	0.00729	0.00141	0.0105	0.0281	0.00000534	23.3	0.0000201	0.000328	0.000384	0.00106	0.0796	0.00001	1.62	3.11	0.0613	0.000258	5.95	0.00151	0.0531	0.000508	0.000188	0.0000901	0.122	0.00000214	0.000076	0.000827	0.00179	1.19E-13
2077 Nov	78.5	0.0597	0.0189	0.00119	16.4	0.0277	6.11	0.00107	0.00107	0.00000535	0.00732	0.00142	0.0106	0.028	0.00000535	23.3	0.0000201	0.000328	0.000383	0.00106	0.0796	0.00001	1.62	3.11	0.0611	0.00026	5.96	0.00151	0.0532	0.000506	0.000187	0.00009	0.122	0.00000214	0.0000763	0.000825	0.00179	1.18E-13
2077 Dec	78.5	0.0598	0.0189	0.00119	16.5	0.0277	6.11	0.00107	0.00107	0.00000536	0.00733	0.00142	0.0106	0.028	0.00000536	23.3	0.0000201	0.000328	0.000383	0.00106	0.0796	0.00001	1.62	3.11	0.0611	0.000261	5.96	0.00151	0.0533	0.000506	0.000187	0.00009	0.122	0.00000214	0.0000763	0.000824	0.00179	1.18E-13
2078 Jan	78.5	0.0598	0.0189	0.00119	16.5	0.0277	6.11	0.00107	0.00107	0.00000536	0.00733	0.00142	0.0106	0.0281	0.00000536	23.3	0.0000201	0.000328	0.000383	0.00106	0.0796	0.00001	1.62	3.11	0.0611	0.000261	5.96	0.00152	0.0533	0.000506	0.000187	0.00009	0.122	0.00000214	0.0000763	0.000825	0.00179	1.18E-13
2078 Feb	78.6	0.0598	0.0189	0.00119	16.5	0.0278	6.12	0.00107	0.00107	0.00000536	0.00733	0.00142	0.0106	0.0281	0.00000536	23.3	0.0000201	0.000328	0.000383	0.00106	0.0797	0.00001	1.62	3.11	0.0612	0.000261	5.96	0.00152	0.0533	0.000506	0.000187	0.00009	0.122	0.00000214	0.0000764	0.000825	0.00179	1.18E-13
2078 Mar	78.6	0.0599	0.0189	0.00119	16.5	0.0278	6.12	0.00107	0.00107	0.00000536	0.00733	0.00142	0.0106	0.0281	0.00000536	23.3	0.0000201	0.000328	0.000383	0.00106	0.0797	0.00001	1.62	3.11	0.0612	0.000261	5.97	0.00152	0.0533	0.000506	0.000187	0.0000901	0.122	0.00000214	0.0000764	0.000825	0.00179	1.18E-13
2078 Apr	79.1	0.0603	0.019	0.0012	16.6	0.0279	6.16	0.00108	0.00108	0.00000539	0.00738	0.00143	0.0106	0.0283	0.0000054	23.5	0.0000202	0.000331	0.000386	0.00107	0.0803	0.0000101	1.63	3.14	0.0616	0.000263	6.01	0.00153	0.0537	0.00051	0.000188	0.0000907	0.123	0.00000216	0.0000769	0.000831	0.00181	1.19E-13
2078 May	80.3	0.0607	0.0195	0.00118	17	0.027	6.27	0.00106	0.00106	0.00000533	0.00725	0.00146	0.0104	0.0294	0.00000533	24.3	0.0000202	0.00034	0.000409	0.00108	0.0832	0.00001	1.67	3.26	0.066	0.000255	6.14	0.00155	0.0536	0.00055	0.000191	0.0000941	0.128	0.00000213	0.0000764	0.000871	0.00179	1.04E-13
2078 Jun	79.8	0.0572	0.02	0.00113	16.7	0.0248	6.2	0.000998	0.000998	0.000005	0.00669	0.0014	0.00968	0.0288	0.000005	23.7	0.0000189	0.000329	0.000408	0.00104	0.0808	0.00000926	1.62	3.21	0.0662	0.000232	6.03	0.0015	0.0499	0.000557	0.000183	0.0000926	0.125	0.000002	0.0000728	0.000857	0.00168	7.96E-14
2078 Jul	84.1	0.0601	0.0211	0.00119	17.6	0.0262	6.53	0.00105	0.00105	0.00000527	0.00704	0.00147	0.0102	0.0303	0.00000527	24.9	0.0000199	0.000346	0.000429	0.00109	0.085	0.00000975	1.7	3.37	0.0696	0.000244	6.35	0.00158	0.0525	0.000585	0.000193	0.0000974	0.131	0.00000211	0.0000767	0.000901	0.00177	8.35E-14
2078 Aug	86.1	0.0616	0.0216	0.00123	18	0.027	6.7	0.00108	0.00108	0.00000541	0.00723	0.00151	0.0105	0.031	0.00000542	25.5	0.0000204	0.000355	0.000439	0.00112	0.0871	0.00001	1.75	3.46	0.0712	0.000252	6.51	0.00162	0.0539	0.000598	0.000197	0.0000998	0.135	0.00000216	0.0000787	0.000921	0.00182	8.53E-14
2078 Sep	86.9	0.0624	0.0217	0.00124	18.2	0.0274	6.76	0.00109	0.00109	0.00000547	0.00731	0.00152	0.0106	0.0313	0.00000547	25.8	0.0000205	0.000358	0.000442	0.00113	0.0878	0.00001 01	1.76	3.49	0.0717	0.000256	6.57	0.00164	0.0545	0.000602	0.000198	0.000101	0.136	0.00000219	0.000796	0.000927	0.00183	8.59E-14
2078 Oct	85.6	0.0625	0.0213	0.00122	17.9	0.0274	6.68	0.00108	0.00108	0.00000542	0.00725	0.0015	0.0105	0.0308	0.00000542	25.4	0.0000203	0.000352	0.000434	0.00112	0.0865	0.00001	1.74	3.43	0.0702	0.000258	6.48	0.00161	0.054	0.000588	0.000194	0.0000989	0.134	0.00000217	0.0000789	0.000909	0.00181	8.39E-14
2078 Nov	85.3	0.0629	0.0211	0.00122	17.9	0.0275	6.66	0.00108	0.00108	0.00000541	0.00726	0.0015	0.0105	0.0307	0.00000541	25.3	0.0000202	0.000351	0.000431	0.00112	0.0861	0.00001	1.73	3.41	0.0696	0.000261	6.46	0.00161	0.0541	0.000583	0.000193	0.0000983	0.133	0.00000216	0.000079	0.000902	0.0018	8.31E-14
2078 Dec	85.3	0.063	0.0211	0.00122	17.9	0.0275	6.66	0.00108	0.00108	0.00000541	0.00727	0.0015	0.0105	0.0307	0.00000541	25.3	0.0000202	0.000351	0.000431	0.00112	0.0861	0.00001	1.73	3.41	0.0695	0.000261	6.46	0.00161	0.0541	0.000582	0.000192	0.0000983	0.133	0.00000216	0.000079	0.000902	0.0018	8.3E-14
2079 Jan	85.3	0.063	0.0211	0.00122	17.9	0.0275	6.66	0.00108	0.00108	0.00000541	0.00727	0.0015	0.0105	0.0307	0.00000541	25.3	0.0000202	0.000351	0.000431	0.00112	0.0861	0.00001	1.73	3.41	0.0696	0.000261	6.46	0.00161	0.0541	0.000582	0.000192	0.0000983	0.133	0.00000216	0.000079	0.000902	0.0018	8.3E-14
2079 Feb	85.3	0.0631	0.0211	0.00122	17.9	0.0275	6.66	0.00108	0.00108	0.00000541	0.00727	0.0015	0.0105	0.0307	0.00000541	25.3	0.0000202	0.000351	0.000431	0.00112	0.0861	0.00001	1.73	3.42	0.0696	0.000261	6.46	0.00161	0.0541	0.000582	0.000192	0.0000983	0.133	0.00000216	0.000079	0.000902	0.0018	8.3E-14
2079 Mar	85.4	0.0631	0.0211	0.00122	17.9	0.0276	6.67	0.00108	0.00108	0.00000541	0.00727	0.0015	0.0105	0.0307	0.00000542	25.3	0.0000202	0.000351	0.000432	0.00112	0.0862	0.00001	1.73	3.42	0.0697	0.000261	6.46	0.00161	0.0541	0.000583	0.000193	0.0000984	0.133	0.00000217	0.0000791	0.000903	0.0018	8.3E-14
2079 Apr	85.7	0.0634	0.0212	0.00123	18	0.0277	6.69	0.00108	0.00108	0.00000544	0.0073	0.00151	0.0106	0.0308	0.00000544	25.4	0.0000203	0.000353	0.000433	0.00113	0.0865	0.0000101	1.74	3.43	0.0699	0.000262	6.49	0.00161	0.0543	0.000585	0.000193	0.0000988	0.134	0.00000217	0.0000794	0.000906	0.00181	8.34E-14
2079 May	87.1	0.0644	0.0216	0.00125	18.3	0.0281	6.8	0.0011	0.0011	0.00000552	0.00742	0.00153	0.0108	0.0313	0.00000552	25.9	0.0000206	0.000358	0.000441	0.00114	0.088	0.0000102	1.77	3.49	0.0712	0.000267	6.6	0.00164	0.0552	0.000595	0.000196	0.0001	0.136	0.00000221	0.0000807	0.000922	0.00184	8.46E-14
2079 Jun	75.4	0.0521	0.0186	0.00114	15.5	0.025	5.76	0.00102	0.00102	0.00000511	0.00694	0.00134	0.00998	0.0267	0.00000511	22.1	0.0000197	0.000315	0.000368	0.000998	0.0763	0.00000954	1.54	2.96	0.0594	0.000223	5.65	0.00146	0.0502	0.000495	0.000191	0.0000868	0.116	0.00000204	0.0000714	0.000812	0.00176	6.08E-14
2079 Jul	75.6	0.0511	0.0187	0.00116	15.4	0.0252	5.74	0.00103	0.00103	0.00000515	0.00698	0.00133	0.0101	0.0263	0.00000516	21.8	0.0000198	0.000312	0.000361	0.000994	0.0754	0.00000958	1.53	2.92	0.0582	0.000221	5.63	0.00146	0.0501	0.000484	0.000192	0.000086	0.114	0.00000206	0.0000717	0.000803	0.00178	5.84E-14
2079 Aug	78.5	0.0529	0.0194	0.00121	16	0.0263	5.96	0.00107	0.00107	0.00000537	0.00725	0.00139	0.0105	0.0273	0.00000537	22.6	0.0000205	0.000324	0.000374	0.00103	0.0783	0.00000998	1.59	3.03	0.0603	0.00023	5.84	0.00152	0.0521	0.000501	0.0002	0.0000893	0.119	0.00000215	0.0000745	0.000832	0.00185	6.04E-14
2079 Sep	77	0.0536	0.0189	0.00119	15.7	0.0264	5.88	0.00106	0.00106	0.0000053	0.0072	0.00136	0.0104	0.0268	0.0000053	22.2	0.0000202	0.000318	0.000365	0.00102	0.0767	0.00000987	1.56	2.97	0.0585	0.000235	5.74	0.00149	0.0517	0.000485	0.000193	0.0000872	0.116	0.00000212	0.0000739	0.000808	0.00181	5.84E-14
2079 Oct	75.7	0.0539	0.0184	0.00117	15.5	0.0264	5.8	0.00104	0.00104	0.00000523	0.00714	0.00135	0.0103	0.0263	0.00000523	21.8	0.0000198	0.000312	0.000357	0.00101	0.0754	0.00000976	1.54	2.92	0.057	0.000238	5.66	0.00146	0.0512	0.000472	0.000188	0.0000855	0.114	0.00000209	0.0000733	0.000789	0.00178	5.68E-14
2079 Nov	75	0.0545	0.0182	0.00117	15.4	0.0266	5.76	0.00104	0.00104	0.00000521	0.00713	0.00134	0.0103	0.0261	0.00000521	21.7	0.0000197	0.000309	0.000352	0.001	0.0746	0.00000972	1.52	2.89	0.0561	0.000242	5.61	0.00145	0.051	0.000463	0.000185	0.0000844	0.113	0.00000208	0.0000732	0.000777	0.00176	5.57E-14
2079 Dec	74.5	0.0551	0.0179	0.00116	15.3	0.0267	5.74	0.00104	0.00104	0.00000519	0.00712	0.00133	0.0103	0.0259	0.00000519	21.5	0.0000196	0.000307	0.000348	0.001	0.0741	0.0000097	1.51	2.87	0.0553	0.000246	5.58	0.00144	0.051	0.000456	0.000182	0.0000836	0.113	0.00000208	0.0000731	0.000768	0.00175	5.48E-14
2080 Jan	74.5	0.0552	0.0179	0.00116	15.3	0.0268	5.74	0.00104	0.00104	0.00000519	0.00712	0.00133	0.0103	0.0259	0.00000519	21.5	0.0000196	0.000307	0.000348	0.001	0.0741	0.0000097	1.52	2.87	0.0554	0.000246	5.58	0.00144	0.051	0.000456	0.000182	0.0000836	0.113	0.00000208	0.0000731	0.000768	0.00175	5.47E-14
2080 Feb	74.6	0.0553	0.0179	0.00116	15.3	0.0268	5.75	0.00104	0.00104	0.00000519	0.00712	0.00133	0.0103	0.0259	0.00000519	21.6	0.0000196	0.000307	0.000349	0.001	0.0742	0.0000097	1.52	2.88	0.0555	0.000246	5.59	0.00144	0.051	0.000456	0.000182	0.0000837	0.113	0.00000208	0.0000732	0.000769	0.00175	5.47E-14
2080 Mar	74.6	0.0553	0.018	0.00116	15.4	0.0268	5.75	0.00104	0.00104	0.00000519	0.00713	0.00133	0.0103	0.0259	0.00000519	21.6	0.0000196	0.000308	0.000349	0.001	0.0742	0.0000097	1.52	2.88	0.0555	0.000246	5.59	0.00144	0.051	0.000457	0.000182	0.0000837	0.113	0.00000208	0.0000732	0.000769	0.00175	5.47E-14
2080 Apr	74.8	0.0555	0.018	0.00116	15.4	0.0268	5.77	0.00104	0.00104	0.0000052	0.00714	0.00134	0.0103	0.026	0.00000521	21.6	0.0000196	0.000308	0.000351	0.00101	0.0745	0.00000973	1.52	2.89	0.0557	0.000247	5.61	0.00145	0.0512	0.000458	0.000183	0.0000839	0.113	0.00000208	0.0000734	0.000772	0.00176	5.48E-14
2080 May	76.1	0.0564	0.0183	0.00118	15.7	0.0273	5.86	0.00106	0.00106	0.00000529	0.00726	0.00136	0.0105	0.0265	0.00000529	22	0.00002	0.000314	0.000357	0.00102	0.0757	0.00000989	1.55	2.94	0.0567	0.000251	5.7	0.00147	0.052	0.000466	0.000186	0.0000853	0.115	0.00000212	0.0000746	0.000785	0.00178	5.57E-14
2080 Jun	71.5	0.0503	0.0172	0.00115	14.4	0.026	5.42	0.00103	0.00103	0.00000515	0.00709	0.00127	0.0102	0.0242	0.00000515	20.2	0.0000197	0.000294	0.000321	0.000958	0.0701	0.00000961	1.44	2.69	0.0509	0.00023	5.29	0.00139	0.0498	0.000416	0.000185	0.0000791	0.105	0.00000206	0.0000709	0.000733	0.00177	4.77E-14
2080 Jul	71	0.0481	0.0172	0.00117	14.1	0.026	5.34	0.00103	0.00103	0.00000517	0.00709	0.00125	0.0103	0.0235	0.00000517	19.6	0.0000197	0.000288	0.000309	0.000945	0.0685	0.00000961	1.42	2.61	0.0488	0.000225	5.2	0.00138	0.0494	0.000398	0.000187	0.0000775	0.103	0.00000207	0.0000705	0.000717	0.00178	4.43E-14
2080 Aug	72.5	0.0489	0.0175	0.00119	14.4	0.0268	5.45	0.00106	0.00106	0.0000053	0.00725	0.00128	0.0105	0.024	0.0000053	20	0.00002	0.000293	0.000315	0.000968	0.07	0.00000986	1.45	2.66	0.0496	0.000231	5.31	0.00142	0.0506	0.000405	0.00019	0.0000791	0.105	0.00000212	0.000072	0.000728	0.00182	4.5E-14
2080 Sep	71.7	0.0493	0.0172	0.00119	14.3	0.027	5.41	0.00105	0.00105	0.00000527	0.00722	0.00127	0.0105	0.0238	0.00000527	19.9	0.0000198	0.000291	0.00031	0.000963	0.0692	0.00000982	1.44	2.64	0.0487	0.000235	5.27	0.0014	0.0504	0.000397	0.000186	0.0000783	0.104	0.00000211	0.0000718	0.000715	0.0018	4.4E-14
2080 Oct	71.1	0.0497	0.017	0.00118	14.2	0.0271	5.38	0.00105	0.00105	0.00000524	0.00719	0.00126	0.0105	0.0236	0.00000524	19.7	0.0000196	0.000288	0.000306	0.000957	0.0685	0.00000976	1.43	2.61	0.048	0.000238	5.23	0.00139	0.0501	0.00039	0.000183	0.0000773	0.103	0.00000209	0.0000715	0.000705	0.00178	4.32E-14
2080 Nov	70.5	0.0499	0.0168	0.00117	14.1	0.027	5.34	0.00104	0.00104	0.00000521	0.00715	0.00125	0.0104	0.0234	0.00000521	19.6	0.0000195	0.000285	0.000303	0.000952	0.068	0.00000971	1.42	2.59	0.0474	0.000239	5.19	0.00138	0.0499	0.000385	0.000181	0.0000766	0.102	0.00000208	0.0000712	0.000697	0.00177	4.27E-14
2080 Dec	70.4	0.0501	0.0168	0.00117	14.1	0.0271	5.34	0.00104	0.00104	0.0000052	0.00716	0.00125	0.0104	0.0234	0.00000521	19.6	0.0000195	0.000285	0.000302	0.000952	0.0679	0.00000971	1.42	2.59	0.0473	0.00024	5.19	0.00138	0.0499	0.000384	0.00018	0.0000765	0.102	0.00000208	0.0000713	0.000695	0.00177	4.26E-14
2081 Jan	70.5	0.0501	0.0168	0.00117	14.1	0.0271	5.35	0.00104	0.00104	0.00000521	0.00716	0.00125	0.0104	0.0234	0.00000521	19.6	0.0000195	0.000285	0.000302	0.000952	0.068	0.00000971	1.42	2.59	0.0473	0.00024	5.19	0.00138	0.0499	0.000384	0.00018	0.0000765	0.102	0.00000208	0.0000713	0.000696	0.00177	4.25E-14
2081 Feb	70.5	0.0502	0.0168	0.00117	14.1	0.0271	5.35	0.00104	0.00104	0.00000521	0.00716	0.00125	0.0104	0.0234	0.00000521	19.6	0.0000195	0.000286	0.000303	0.000953	0.068	0.00000971	1.42	2.59	0.0474	0.00024	5.19	0.00138	0.05	0.000384	0.00018	0.0000765	0.102	0.00000208	0.0000713	0.000696	0.00177	4.25E-14
2081 Mar	70.5	0.0502	0.0168	0.00117	14.1	0.0271	5.35	0.00104	0.00104	0.00000521	0.00716	0.00125	0.0104	0.0234	0.00000521	19.6	0.0000195	0.000286	0.000303	0.000953	0.0681	0.00000971	1.42	2.59	0.0475	0.00024	5.2	0.00138	0.05	0.000384	0.000181	0.0000766	0.102	0.00000208	0.0000714	0.000697	0.00177	4.25E-14
2081 Apr	70.8	0.0504	0.0169	0.00117	14.2	0.0272	5.37	0.00104	0.00104	0.00000523	0.00719	0.00126	0.0105	0.0235	0.00000523	19.7	0.0000195	0.000287	0.000304	0.000957	0.0683	0.00000975	1.42	2.6	0.0477	0.000241	5.22	0.00138	0.0502	0.000386	0.000181	0.0000769	0.102	0.00000209	0.0000716	0.0007	0.00177	4.27E-14
2081 May	72.5	0.0519	0.0173	0.00117	14.7	0.0269	5.53	0.00105	0.00105	0.00000524	0.00719	0.0013	0.0104	0.0248	0.00000524	20.7	0.0000197	0.000299	0.000328	0.000981	0.0717	0.00000982	1.47	2.75	0.0519	0.000239	5.4	0.00142	0.0509	0.000424	0.000185	0.0000807	0.108	0.00000021	0.0000722	0.000742	0.00178	3.99E-14
2081 Jun	73	0.0505	0.0179	0.00114	14.8	0.0256	5.56	0.00101	0.00101	0.00000507	0.00688	0.00128	0.01	0.0249	0.00000507	20.7	0.0000191	0.000297	0.000337	0.000967	0.0717	0.00000942	1.47	2.77	0.0537	0.000226	5.41	0.00141	0.0491	0.000443	0.000183	0.0000814	0.109	0.00000203	0.0000706	0.00075	0.00173	3.35E-14
2081 Jul	77.4	0.0532	0.019	0.00121	15.6	0.0271	5.89	0.00107	0.00107	0.00000537	0.00729	0.00136	0.0106	0.0263	0.00000537	21.9	0.0000203	0.000314	0.000355	0.00102	0.0757	0.00000997	1.55	2.93	0.0566	0.000239	5.72	0.00149	0.0519	0.000466	0.000193	0.000086	0.115	0.00000215	0.0000747	0.000792	0.00183	3.52E-14
2081 Aug	81.8	0.0563	0.0201	0.00128	16.5	0.0286	6.22	0.00113	0.00113	0.00000568	0.0077	0.00144	0.0112	0.0278	0.00000568	23.1	0.0000214	0.000332	0.000375	0.00108	0.08	0.0000105	1.64	3.09	0.0598	0.000253	6.05	0.00157	0.0549	0.000493	0.000204	0.0000909	0.121	0.00000227	0.000079	0.000837	0.00194	3.72E-14
2081 Sep	81.7	0.0569	0.02	0.00128	16.5	0.0289	6.23	0.00113	0.00113	0.00000569	0.00773	0.00144	0.0113	0.0278	0.00000569	23.1	0.0000214	0.000332	0.000373	0.00108	0.0799	0.0000106	1.64	3.09	0.0594	0.000257	6.05	0.00157	0.055	0.000489	0.000203	0.0000907	0.121	0.00000227	0.0000793	0.000832	0.00193	3.69E-14
2081 Oct	81.5	0.0571	0.0199	0.00128	16.5	0.0289	6.22	0.00113	0.00113	0.00000568	0.00772	0.00143	0.0113	0.0277	0.00000568	23	0.0000213	0.000331	0.000372	0.00108	0.0796	0.0000106	1.64	3.08	0.0591	0.000258	6.03	0.00157	0.055	0.000486	0.000202	0.0000903	0.121	0.00000227	0.0000792	0.000828	0.00193

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2084 Dec	76	0.0549	0.0186	0.00117	15.4	0.0269	5.86	0.00102	0.00102	0.0000051	0.0069	0.0013	0.0102	0.0254	0.0000051	21.1	0.0000187	0.000298	0.000341	0.000994	0.0724	0.00000939	1.49	2.83	0.054	0.000248	5.59	0.00143	0.0495	0.000445	0.000173	0.0000823	0.111	0.00000204	0.0000732	0.000739	0.00168	1.01E-14
2085 Jan	76.1	0.055	0.0186	0.00117	15.4	0.0269	5.86	0.00102	0.00102	0.0000051	0.0069	0.0013	0.0102	0.0254	0.0000051	21.1	0.0000187	0.000298	0.000342	0.000994	0.0724	0.00000939	1.49	2.83	0.054	0.000248	5.59	0.00143	0.0495	0.000445	0.000173	0.0000823	0.111	0.00000204	0.0000732	0.000739	0.00168	1.01E-14
2085 Feb	76.1	0.055	0.0187	0.00117	15.4	0.0269	5.86	0.00102	0.00102	0.0000051	0.0069	0.0013	0.0102	0.0254	0.0000051	21.1	0.0000187	0.000298	0.000342	0.000995	0.0724	0.0000094	1.49	2.83	0.054	0.000248	5.59	0.00143	0.0495	0.000445	0.000173	0.0000823	0.111	0.00000204	0.0000732	0.000739	0.00168	1.01E-14
2085 Mar	76.1	0.055	0.0187	0.00117	15.4	0.0269	5.87	0.00102	0.00102	0.0000051	0.0069	0.0013	0.0102	0.0254	0.0000051	21.1	0.0000187	0.000298	0.000342	0.000995	0.0725	0.0000094	1.49	2.83	0.0541	0.000248	5.6	0.00143	0.0496	0.000445	0.000173	0.0000823	0.111	0.00000204	0.0000732	0.00074	0.00168	1.01E-14
2085 Apr	76.4	0.0552	0.0187	0.00117	15.4	0.027	5.89	0.00102	0.00102	0.0000051	0.0069	0.0013	0.0102	0.0255	0.0000051	21.2	0.0000188	0.000299	0.000343	0.000999	0.0727	0.0000094	1.5	2.84	0.0543	0.000249	5.62	0.00143	0.0497	0.000447	0.000174	0.0000826	0.111	0.00000205	0.0000735	0.000743	0.00169	1.02E-14
2085 May	77.4	0.0561	0.019	0.00117	15.8	0.0269	5.98	0.00103	0.00103	0.0000514	0.00695	0.00134	0.0102	0.0263	0.0000514	21.9	0.0000919	0.000307	0.000358	0.00101	0.0749	0.0000951	1.53	2.93	0.0569	0.000248	5.73	0.00146	0.0504	0.00047	0.000177	0.000085	0.115	0.00000206	0.000074	0.00077	0.0017	9.8E-15
2085 Jun	77.2	0.056	0.019	0.00115	15.9	0.026	5.97	0.00101	0.00101	0.0000506	0.00684	0.00135	0.00993	0.027	0.0000506	22.3	0.0000189	0.000312	0.000372	0.00102	0.0765	0.0000941	1.55	3	0.0596	0.00024	5.76	0.00146	0.0501	0.000496	0.000179	0.0000868	0.117	0.00000202	0.000073	0.000795	0.00169	8.84E-15
2085 Jul	80.6	0.0584	0.0198	0.0012	16.6	0.0272	6.24	0.00106	0.00106	0.0000053	0.00715	0.00141	0.0104	0.0282	0.0000053	23.3	0.0000197	0.000326	0.000388	0.00106	0.0799	0.0000985	1.62	3.13	0.0622	0.000251	6.02	0.00153	0.0524	0.000517	0.000187	0.0000907	0.122	0.00000212	0.0000763	0.00083	0.00177	9.21E-15
2085 Aug	81.4	0.059	0.02	0.00121	16.8	0.0276	6.3	0.00107	0.00107	0.0000536	0.00723	0.00143	0.0105	0.0284	0.0000536	23.5	0.0000199	0.000329	0.000391	0.00107	0.0807	0.0000997	1.64	3.16	0.0626	0.000255	6.08	0.00154	0.053	0.000521	0.000188	0.0000916	0.124	0.00000214	0.0000771	0.000835	0.00179	9.27E-15
2085 Sep	79.4	0.0591	0.0193	0.00119	16.4	0.0276	6.17	0.00105	0.00105	0.0000527	0.00714	0.0014	0.0104	0.0277	0.0000527	23	0.0000194	0.000321	0.000379	0.00105	0.0786	0.0000982	1.6	3.08	0.0604	0.000259	5.94	0.00151	0.0522	0.000501	0.000181	0.000089	0.121	0.00000211	0.0000761	0.000806	0.00174	8.9E-15
2085 Oct	77.6	0.0591	0.0188	0.00117	16.1	0.0275	6.05	0.00103	0.00103	0.0000518	0.00705	0.00137	0.0103	0.0271	0.0000518	22.5	0.000019	0.000314	0.000368	0.00104	0.0768	0.0000966	1.56	3.01	0.0585	0.00026	5.82	0.00147	0.0515	0.000484	0.000175	0.0000867	0.118	0.00000207	0.000075	0.000783	0.0017	8.6E-15
2085 Nov	76.4	0.0595	0.0184	0.00115	15.9	0.0276	5.98	0.00102	0.00102	0.0000513	0.00701	0.00135	0.0102	0.0267	0.0000513	22.2	0.0000188	0.000309	0.000361	0.00103	0.0756	0.0000959	1.54	2.96	0.0572	0.000263	5.74	0.00145	0.0511	0.000472	0.000171	0.0000851	0.116	0.00000205	0.0000746	0.000766	0.00168	8.37E-15
2085 Dec	76.4	0.0596	0.0183	0.00115	15.9	0.0276	5.98	0.00102	0.00102	0.0000513	0.00702	0.00135	0.0102	0.0267	0.0000513	22.2	0.0000188	0.000309	0.000361	0.00103	0.0756	0.0000959	1.54	2.96	0.0571	0.000264	5.74	0.00145	0.0512	0.000471	0.000171	0.0000851	0.116	0.00000205	0.0000746	0.000765	0.00168	8.35E-15
2086 Jan	76.4	0.0596	0.0183	0.00115	15.9	0.0276	5.98	0.00102	0.00102	0.0000513	0.00702	0.00135	0.0102	0.0267	0.0000513	22.2	0.0000188	0.000309	0.000361	0.00103	0.0756	0.0000959	1.54	2.96	0.0571	0.000264	5.74	0.00145	0.0512	0.000471	0.000171	0.0000851	0.116	0.00000205	0.0000746	0.000765	0.00168	8.35E-15
2086 Feb	76.4	0.0597	0.0184	0.00115	15.9	0.0276	5.99	0.00102	0.00102	0.0000513	0.00702	0.00135	0.0102	0.0267	0.0000513	22.2	0.0000188	0.000309	0.000361	0.00103	0.0756	0.0000959	1.54	2.96	0.0572	0.000264	5.75	0.00145	0.0512	0.000471	0.000171	0.0000851	0.116	0.00000205	0.0000747	0.000766	0.00168	8.35E-15
2086 Mar	76.5	0.0597	0.0184	0.00115	15.9	0.0276	5.99	0.00102	0.00102	0.0000514	0.00702	0.00136	0.0102	0.0267	0.0000514	22.2	0.0000188	0.000311	0.000361	0.00103	0.0757	0.0000096	1.54	2.97	0.0572	0.000264	5.75	0.00145	0.0512	0.000472	0.000171	0.0000851	0.116	0.00000205	0.0000747	0.000766	0.00168	8.35E-15
2086 Apr	76.8	0.06	0.0185	0.00116	16	0.0277	6.02	0.00103	0.00103	0.0000516	0.00705	0.00136	0.0102	0.0269	0.0000516	22.3	0.0000189	0.000311	0.000363	0.00103	0.0761	0.0000964	1.55	2.98	0.0575	0.000266	5.78	0.00146	0.0514	0.000474	0.000172	0.0000855	0.117	0.00000206	0.000075	0.00077	0.00169	8.39E-15
2086 May	78.1	0.061	0.0188	0.00117	16.3	0.028	6.12	0.00104	0.00104	0.0000523	0.00715	0.00139	0.0104	0.0274	0.0000523	22.8	0.0000192	0.000318	0.000372	0.00105	0.0777	0.0000979	1.58	3.05	0.0591	0.000269	5.88	0.00148	0.0523	0.000487	0.000175	0.0000874	0.119	0.00000209	0.0000761	0.000788	0.00171	8.4E-15
2086 Jun	74.9	0.0532	0.0185	0.00113	15.2	0.0254	5.76	0.000986	0.000986	0.00000494	0.00668	0.00129	0.00978	0.0255	0.0000494	21.2	0.0000185	0.000299	0.000349	0.000975	0.0726	0.0000914	1.48	2.84	0.0558	0.000233	5.53	0.00141	0.0483	0.000462	0.000174	0.0000827	0.111	0.00000198	0.000071	0.000755	0.00165	6.09E-15
2086 Jul	77.6	0.0531	0.0193	0.00119	15.5	0.0262	5.92	0.00102	0.00102	0.0000512	0.00689	0.00131	0.0102	0.0257	0.0000512	21.3	0.0000191	0.000303	0.000349	0.000996	0.0734	0.0000094	1.51	2.87	0.0557	0.000236	5.65	0.00145	0.0494	0.00046	0.000181	0.000084	0.112	0.00000205	0.0000732	0.000763	0.00171	5.98E-15
2086 Aug	79	0.0541	0.0196	0.00121	15.8	0.0272	6.03	0.00105	0.00105	0.0000526	0.00705	0.00134	0.0105	0.0262	0.0000526	21.8	0.0000193	0.000309	0.000354	0.00102	0.0748	0.0000967	1.54	2.92	0.0563	0.000244	5.77	0.00148	0.0507	0.000466	0.000183	0.0000856	0.114	0.00000221	0.0000749	0.000772	0.00175	6.03E-15
2086 Sep	77.5	0.0539	0.0191	0.0012	15.6	0.0275	5.94	0.00104	0.00104	0.0000521	0.00698	0.00132	0.0105	0.0257	0.0000521	21.4	0.0000189	0.000303	0.000345	0.00101	0.0732	0.0000961	1.52	2.86	0.0546	0.000249	5.68	0.00146	0.0501	0.00045	0.000177	0.000084	0.112	0.00000208	0.0000741	0.000747	0.00172	5.82E-15
2086 Oct	77.2	0.0543	0.019	0.0012	15.5	0.0276	5.93	0.00104	0.00104	0.0000521	0.00698	0.00132	0.0104	0.0256	0.0000521	21.3	0.0000188	0.000302	0.000343	0.00101	0.073	0.0000096	1.51	2.85	0.0543	0.000251	5.66	0.00145	0.0501	0.000446	0.000176	0.0000836	0.112	0.00000208	0.0000741	0.000743	0.00171	5.77E-15
2086 Nov	77.4	0.0545	0.019	0.0012	15.6	0.0277	5.94	0.00104	0.00104	0.0000522	0.007	0.00133	0.0105	0.0257	0.0000522	21.4	0.0000189	0.000303	0.000344	0.00101	0.0731	0.00000963	1.52	2.86	0.0543	0.000252	5.68	0.00146	0.0503	0.000447	0.000176	0.0000838	0.112	0.00000209	0.0000743	0.000744	0.00172	5.78E-15
2086 Dec	77.4	0.0546	0.019	0.0012	15.6	0.0277	5.94	0.00104	0.00104	0.0000522	0.00701	0.00133	0.0105	0.0257	0.0000522	21.4	0.0000189	0.000303	0.000344	0.00101	0.0732	0.00000963	1.52	2.86	0.0543	0.000253	5.68	0.00146	0.0503	0.000447	0.000176	0.0000838	0.112	0.00000209	0.0000744	0.000744	0.00172	5.78E-15
2087 Jan	77.4	0.0546	0.019	0.0012	15.6	0.0277	5.95	0.00104	0.00104	0.0000522	0.00701	0.00133	0.0105	0.0257	0.0000522	21.4	0.0000189	0.000303	0.000344	0.00101	0.0732	0.00000963	1.52	2.86	0.0544	0.000253	5.68	0.00146	0.0503	0.000447	0.000176	0.0000838	0.112	0.00000209	0.0000744	0.000744	0.00172	5.78E-15
2087 Feb	77.5	0.0546	0.019	0.0012	15.6	0.0277	5.95	0.00104	0.00104	0.0000522	0.00701	0.00133	0.0105	0.0257	0.0000522	21.4	0.0000189	0.000303	0.000344	0.00101	0.0732	0.00000964	1.52	2.86	0.0544	0.000253	5.68	0.00146	0.0503	0.000447	0.000176	0.0000839	0.112	0.00000209	0.0000744	0.000744	0.00172	5.78E-15
2087 Mar	77.6	0.0547	0.019	0.0012	15.6	0.0277	5.96	0.00104	0.00104	0.0000523	0.00702	0.00133	0.0105	0.0257	0.0000523	21.4	0.0000189	0.000304	0.000345	0.00101	0.0733	0.00000965	1.52	2.87	0.0545	0.000253	5.69	0.00146	0.0504	0.000448	0.000176	0.0000839	0.112	0.00000209	0.0000745	0.000745	0.00172	5.78E-15
2087 Apr	77.8	0.0548	0.0191	0.0012	15.7	0.0278	5.97	0.00105	0.00105	0.0000524	0.00703	0.00133	0.0105	0.0258	0.0000524	21.5	0.0000189	0.000304	0.000345	0.00101	0.0735	0.00000967	1.53	2.87	0.0546	0.000254	5.7	0.00146	0.0505	0.000449	0.000177	0.0000842	0.113	0.00000021	0.0000747	0.000747	0.00173	5.8E-15
2087 May	78.5	0.0556	0.0193	0.0012	15.9	0.0276	6.04	0.00105	0.00105	0.0000525	0.00704	0.00136	0.0105	0.0266	0.0000525	22.1	0.0000191	0.000311	0.000359	0.00103	0.0755	0.00000972	1.55	2.95	0.0571	0.000252	5.8	0.00148	0.051	0.000471	0.00018	0.0000863	0.116	0.00000021	0.000075	0.000773	0.00174	5.57E-15
2087 Jun	78.8	0.0555	0.0196	0.00115	16.3	0.0257	6.09	0.00101	0.00101	0.0000506	0.00676	0.00138	0.00992	0.0278	0.0000506	23	0.0000188	0.000321	0.000389	0.00103	0.0786	0.00000942	1.59	3.1	0.0627	0.000236	5.9	0.00149	0.0501	0.000524	0.000181	0.00009	0.121	0.00000202	0.000073	0.000822	0.00169	4.46E-15
2087 Jul	81.4	0.0573	0.0202	0.00119	16.8	0.0266	6.29	0.00105	0.00105	0.0000524	0.00699	0.00142	0.0103	0.0287	0.0000524	23.7	0.0000194	0.000331	0.000401	0.00106	0.0812	0.00000975	1.64	3.2	0.0646	0.000244	6.09	0.00154	0.0518	0.00054	0.000187	0.0000929	0.125	0.00000209	0.0000755	0.000848	0.00175	4.6E-15
2087 Aug	84.7	0.0596	0.0211	0.00124	17.5	0.0278	6.55	0.00109	0.00109	0.0000546	0.00728	0.00148	0.0107	0.0299	0.0000546	24.7	0.0000202	0.000345	0.000417	0.00111	0.0846	0.0000102	1.71	3.33	0.0673	0.000254	6.34	0.0016	0.054	0.000562	0.000195	0.0000967	0.13	0.00000218	0.0000787	0.000882	0.00183	4.78E-15
2087 Sep	86.1	0.0608	0.0214	0.00126	17.8	0.0283	6.66	0.00111	0.00111	0.0000556	0.00741	0.00151	0.0109	0.0304	0.0000556	25.1	0.0000205	0.00035	0.000424	0.00113	0.086	0.0000103	1.73	3.38	0.0683	0.00026	6.45	0.00163	0.055	0.000571	0.000198	0.0000983	0.132	0.00000222	0.0000801	0.000896	0.00186	4.85E-15
2087 Oct	85.4	0.0607	0.0212	0.00125	17.7	0.0282	6.62	0.0011	0.0011	0.0000552	0.00738	0.0015	0.0108	0.0302	0.0000552	24.9	0.0000204	0.000348	0.000419	0.00112	0.0852	0.0000103	1.72	3.36	0.0675	0.00026	6.4	0.00161	0.0547	0.000564	0.000196	0.0000974	0.131	0.00000221	0.0000796	0.000886	0.00184	4.8E-15
2087 Nov	85	0.0609	0.021	0.00125	17.6	0.0283	6.59	0.0011	0.0011	0.0000551	0.00737	0.00149	0.0108	0.03	0.0000551	24.8	0.0000203	0.000346	0.000417	0.00111	0.0848	0.0000103	1.71	3.34	0.067	0.000261	6.37	0.00161	0.0545	0.00056	0.000194	0.0000968	0.131	0.0000022	0.0000795	0.00088	0.00183	4.76E-15
2087 Dec	85	0.061	0.021	0.00125	17.6	0.0283	6.59	0.0011	0.0011	0.0000551	0.00737	0.00149	0.0108	0.03	0.0000551	24.8	0.0000203	0.000346	0.000417	0.00112	0.0848	0.0000103	1.71	3.34	0.067	0.000262	6.37	0.00161	0.0546	0.000559	0.000194	0.0000968	0.131	0.0000022	0.0000795	0.00088	0.00183	4.75E-15
2088 Jan	85	0.061	0.021	0.00125	17.6	0.0283	6.59	0.0011	0.0011	0.0000551	0.00737	0.00149	0.0108	0.03	0.0000551	24.8	0.0000203	0.000346	0.000417	0.00112	0.0848	0.0000103	1.71	3.34	0.067	0.000262	6.37	0.00161	0.0546	0.000559	0.000194	0.0000968	0.131	0.0000022	0.0000795	0.00088	0.00183	4.75E-15
2088 Feb	85.1	0.061	0.021	0.00125	17.6	0.0283	6.6	0.0011	0.0011	0.0000551	0.00737	0.00149	0.0108	0.03	0.0000551	24.8	0.0000203	0.000346	0.000417	0.00112	0.0848	0.0000103	1.71	3.34	0.0671	0.000262	6.38	0.00161	0.0546	0.000559	0.000194	0.0000968	0.131	0.0000022	0.0000795	0.00088	0.00183	4.75E-15
2088 Mar	85.2	0.0611	0.0211	0.00125	17.6	0.0283	6.6	0.0011	0.0011	0.0000551	0.00738	0.0015	0.0108	0.0301	0.0000552	24.8	0.0000203	0.000346	0.000418	0.00112	0.085	0.0000103	1.72	3.35	0.0672	0.000262	6.38	0.00161	0.0547	0.00056	0.000194	0.0000969	0.131	0.0000022	0.0000796	0.000882	0.00183	4.76E-15
2088 Apr	86	0.0617	0.0213	0.00126	17.8	0.0286	6.67	0.00111	0.00111	0.0000557	0.00745	0.00151	0.0109	0.0304	0.0000557	25.1	0.0000205	0.00035	0.000422	0.00113	0.0858	0.0000104	1.73	3.38	0.0678	0.000265	6.45	0.00163	0.0552	0.000565	0.000196	0.0000979	0.132	0.00000223	0.0000804	0.00089	0.00185	4.8E-15
2088 May	87.8	0.063	0.0217	0.00129	18.2	0.0292	6.81	0.00113	0.00113	0.0000568	0.00761	0.00154	0.0112	0.031	0.0000569	25.6	0.000021	0.000357	0.00043	0.00115	0.0876	0.0000106	1.77	3.45	0.0692	0.00027	6.58	0.00166	0.0563	0.000577	0.0002	0.0000999	0.135	0.00000227	0.0000821	0.000909	0.00189	4.9E-15
2088 Jun	79.4	0.0551	0.0194	0.00123	16.3	0.0275	6.06	0.0011	0.0011	0.0000549	0.00744	0.00143	0.0108	0.0279	0.0000549	23.1	0.0000208	0.000331	0.000381	0.00106	0.0801	0.0000103	1.62	3.1	0.0611	0.000244	5.94	0.00154	0.0539	0.000507	0.0002	0.0000908	0.121	0.00000219	0.0000764	0.00084	0.00188	4.18E-15
2088 Jul	81.2	0.0558	0.0198	0.00127	16.6	0.0284	6.17	0.00114	0.00114	0.0000057	0.00776	0.00147	0.0112	0.0285	0.0000057	23.6	0.0000217	0.00034	0.000387	0.00109	0.0822	0.0000107	1.66	3.16	0.0621	0.000249	6.07	0.00159	0.0558	0.000514	0.00021	0.0000993	0.124	0.00000228	0.0000787	0.000863	0.00197	4.2E-15
2088 Aug	86.4	0.0594	0.021	0.00135	17.6	0.0302	6.57	0.00121	0.00121	0.00000607	0.00825	0.00156	0.0119	0.0303	0.00000607	25.1	0.0000231	0.000361	0.000411	0.00116	0.0874	0.0000114	1.77	3.36	0.066	0.000265	6.45	0.00169	0.0594	0.000546	0.000223	0.0000989	0.132	0.00000243	0.0000837	0.000918	0.00209	4.47E-15
2088 Sep	87.7	0.0603	0.0213	0.00137	17.9	0.0307	6.67	0.00123	0.00123	0.00000616	0.00838	0.00159	0.0121	0.0308	0.00000616	25.5	0.0000234	0.000367	0.000417	0.00118	0.0887	0.0000116	1.8	3.41	0.067	0.000269	6.55	0.00172	0.0603	0.000554	0.000226	0.0001	0.134	0.00000246	0.0000885	0.000932	0.00213	4.53E-15
2088 Oct	83.7	0.0602	0.0201	0.00132	17.2	0.0302	6.41	0.00118	0.00118	0.0000593	0.00812	0.00152	0.0117	0.0294	0.0000593	24.4	0.0000224	0.00035	0.000395	0.00113	0.0846	0.0000112	1.72	3.25	0.063	0.000271	6.27	0.00164	0.0584	0.000519	0.000213	0.0000953	0.128	0.00000237	0.0000825	0.000878	0.00203	4.24E-15
2088 Nov	82.9	0.0609	0.0198	0.00131	17	0.0304	6.36	0.00118	0.00118	0.0000589	0.0081	0.00151	0.0117	0.0291	0.0000589	24.2	0.0000222	0.000346	0.000389	0.00113	0.0836	0.0000111	1.7	3.21	0.0618	0.000276	6.22	0.00162	0.0581	0.000509	0.000208	0.0000939	0.126	0.00000236	0.0000822	0.000863	0.002	4.15E-15
2088 Dec	82.9	0.061	0.0198	0.00131	17.1	0.0304	6.37	0.00118	0.00118	0.0000059	0.0081	0.00151	0.0117	0.0291	0.0000059	24.2	0.0000222	0.000346	0.000389	0.00113	0.0836	0.0000111	1.7	3.21	0.0618	0.000276	6.22	0.00162	0.0582	0.000508	0.000208	0.0000939	0.126	0.00000236	0.0000823	0.000863	0.002	4.15E-15
2089 Jan	82.9	0.061	0.0198	0.00131	17.1	0.0304	6.37	0.00118	0.00118	0.0000059	0.00811	0.00151	0.0117	0.0291	0.0000059	24.2	0.0000222	0.000346	0.000389	0.00113	0.0836	0.0000111	1.7	3.21	0.0618	0.000276	6.22	0.00162	0.0582	0.000508	0.000208	0.0000939	0.126	0.00000236	0.0000823	0.000863	0.002	4.14E-15
2089 Feb	82.9	0.061	0.0198	0.00131	17.1	0.0304	6.37	0.00118	0.00118	0.0000059	0.00811	0.00151	0.0117	0.0291	0.0000059	24.2	0.0000222	0.000346	0.000389	0.00113	0.0836	0.0000111	1.7	3.22	0.0618	0.000277	6.22	0.00162	0.0582	0.000509	0.000208	0.0000939	0.126	0.00000236	0.0000823	0.000863	0.002	4.14E-15
2089 Mar	83	0.0611	0.0198	0.00131	17.1	0.0305	6.38	0.00118	0.00118	0.0000059	0.00812	0.00151	0.0117	0.0291	0.0000591	24.2	0.0000222	0.000347	0.00039	0.00113	0.0838	0.0000112	1.71	3.22	0.0619	0.000277	6.23	0.00163	0.0583	0.000509	0.000209	0.0000941	0.127	0.00000236	0.0000824	0.000865	0.002	4.15E-15
2089 Apr	83.5	0.0615	0.0199	0.00131	17.2	0.0306	6.42	0.00119	0.00119	0.0000594	0.00816	0.00152	0.0118	0.0293	0.0000594	24.4	0.0000224	0.000349	0.000392	0.00114	0.0843	0.0000112	1.72	3.24	0.0623	0.000279	6.27	0.00164	0.0586	0.000512	0.00021	0.0000946	0.127	0.00000237	0.0000829	0

Appendix D.2-9: B5

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	30.9	0.0122	0.00582	0.000811	5.48	0.018	1.92	0.000811	0.000811	0.00000405	0.00605	0.00276	0.00815	0.01	0.00000405	8.73	0.0000132	0.000166	0.0000928	0.000525	0.0354	0.00000811	0.747	1.05	0.0113	0.000106	2.25	0.000825	0.0374	0.0000535	0.0000433	0.0000362	0.0434	0.00000162	0.0000432	0.000235	0.00105	3.65E-12
Operation (2026-2036): Mean	53.1	0.0625	0.0389	0.00159	12.6	0.0303	4.78	0.000974	0.000974	0.00000489	0.0074	0.0192	0.0113	0.0183	0.0000049	15.9	0.0000183	0.000258	0.000199	0.000852	0.0562	0.00000981	1.2	2.03	0.0291	0.000309	4.96	0.00119	0.0496	0.000204	0.000144	0.0000569	0.0847	0.00000222	0.0000764	0.000491	0.00161	0.00000408
Operation (2026-2036): Max	80.5	0.0995	0.148	0.00362	19.8	0.0397	8.17	0.00118	0.00118	0.00000597	0.0088	0.0644	0.0176	0.0334	0.00000599	27.7	0.0000244	0.000415	0.000458	0.00124	0.0942	0.0000121	1.86	3.69	0.0755	0.000496	8.93	0.00181	0.0634	0.000633	0.000235	0.000102	0.145	0.00000321	0.000123	0.00101	0.00216	0.0000162
2092 Jun	76.6	0.0546	0.0191	0.00112	15.6	0.0258	5.93	0.000964	0.000964	0.00000483	0.00642	0.00129	0.00975	0.0258	0.00000483	21.4	0.0000173	0.000298	0.000355	0.000975	0.0724	0.00000891	1.49	2.88	0.0566	0.000244	5.62	0.00141	0.0472	0.000469	0.000162	0.0000838	0.113	0.00000193	0.0000711	0.00074	0.00157	8.43E-16
2092 Jul	77.5	0.0538	0.0195	0.00115	15.6	0.026	5.97	0.000975	0.000975	0.00000489	0.00646	0.00129	0.0099	0.0256	0.00000489	21.2	0.0000174	0.000297	0.00035	0.000977	0.0718	0.00000895	1.49	2.86	0.0557	0.000243	5.63	0.00142	0.0472	0.000461	0.000164	0.0000835	0.112	0.00000195	0.0000717	0.000733	0.00159	8.25E-16
2092 Aug	80.9	0.0561	0.0203	0.0012	16.2	0.0273	6.23	0.00102	0.00102	0.00000511	0.00675	0.00134	0.0103	0.0267	0.00000511	22.2	0.0000181	0.00031	0.000364	0.00102	0.0749	0.00000936	1.55	2.98	0.058	0.000255	5.88	0.00148	0.0493	0.00048	0.000171	0.0000871	0.117	0.00000204	0.0000749	0.000764	0.00166	8.59E-16
2092 Sep	81	0.0564	0.0203	0.0012	16.3	0.0275	6.24	0.00102	0.00102	0.00000513	0.00677	0.00135	0.0104	0.0267	0.00000513	22.2	0.0000181	0.00031	0.000364	0.00102	0.075	0.00000941	1.56	2.98	0.0579	0.000258	5.89	0.00148	0.0495	0.000479	0.00017	0.0000872	0.117	0.00000205	0.0000751	0.000762	0.00166	8.56E-16
2092 Oct	80.3	0.0565	0.02	0.00119	16.2	0.0275	6.2	0.00102	0.00102	0.0000051	0.00675	0.00134	0.0104	0.0265	0.0000051	22	0.0000018	0.000307	0.00036	0.00102	0.0743	0.00000936	1.55	2.96	0.0572	0.000258	5.84	0.00147	0.0493	0.000473	0.000168	0.0000864	0.116	0.00000204	0.0000748	0.000754	0.00165	8.45E-16
2092 Nov	80.1	0.0568	0.0199	0.00119	16.1	0.0276	6.19	0.00102	0.00102	0.0000051	0.00676	0.00134	0.0104	0.0264	0.0000051	22	0.0000018	0.000307	0.00036	0.00102	0.0742	0.00000936	1.54	2.95	0.0569	0.00026	5.84	0.00147	0.0493	0.00047	0.000168	0.0000861	0.116	0.00000204	0.0000749	0.00075	0.00164	8.4E-16
2092 Dec	80.1	0.0569	0.0199	0.00119	16.1	0.0276	6.19	0.00102	0.00102	0.0000051	0.00676	0.00134	0.0104	0.0264	0.0000051	22	0.0000018	0.000307	0.00036	0.00102	0.0742	0.00000937	1.54	2.95	0.0569	0.000261	5.84	0.00147	0.0494	0.00047	0.000167	0.0000861	0.116	0.00000204	0.0000749	0.00075	0.00164	8.4E-16
2093 Jan	80.1	0.057	0.0199	0.00119	16.1	0.0276	6.2	0.00102	0.00102	0.0000051	0.00676	0.00134	0.0104	0.0264	0.00000511	22	0.0000018	0.000307	0.00036	0.00102	0.0742	0.00000937	1.54	2.95	0.0569	0.000261	5.84	0.00147	0.0494	0.00047	0.000167	0.0000861	0.116	0.00000204	0.0000749	0.00075	0.00164	8.39E-16
2093 Feb	80.2	0.057	0.02	0.00119	16.2	0.0276	6.2	0.00102	0.00102	0.0000051	0.00677	0.00134	0.0104	0.0265	0.00000511	22	0.0000018	0.000307	0.00036	0.00102	0.0743	0.00000937	1.55	2.95	0.057	0.000261	5.84	0.00147	0.0494	0.00047	0.000168	0.0000862	0.116	0.00000204	0.0000749	0.000751	0.00164	8.39E-16
2093 Mar	80.4	0.0572	0.02	0.0012	16.2	0.0277	6.22	0.00102	0.00102	0.00000512	0.00679	0.00134	0.0104	0.0265	0.00000512	22.1	0.0000018	0.000308	0.00036	0.00102	0.0745	0.0000094	1.55	2.96	0.0572	0.000262	5.86	0.00148	0.0496	0.000471	0.000168	0.0000864	0.116	0.00000205	0.0000752	0.000753	0.00165	8.42E-16
2093 Apr	80.9	0.0575	0.0201	0.0012	16.3	0.0279	6.26	0.00103	0.00103	0.00000515	0.00683	0.00135	0.0105	0.0267	0.00000515	22.2	0.0000182	0.00031	0.000363	0.00103	0.075	0.00000946	1.56	2.98	0.0575	0.000263	5.9	0.00148	0.0499	0.000474	0.000169	0.0000869	0.117	0.00000206	0.0000756	0.000758	0.00166	8.47E-16
2093 May	82.2	0.0586	0.0205	0.00122	16.7	0.0281	6.37	0.00104	0.00104	0.00000522	0.00692	0.00138	0.0106	0.0275	0.00000522	22.8	0.0000185	0.000318	0.000375	0.00105	0.077	0.0000096	1.59	3.06	0.0596	0.000265	6.02	0.00151	0.0507	0.000493	0.000173	0.0000892	0.12	0.00000209	0.0000767	0.000782	0.00168	8.37E-16
2093 Jun	79.5	0.0562	0.0199	0.00114	16.4	0.0257	6.16	0.000993	0.000993	0.00000498	0.00661	0.00137	0.00989	0.0277	0.00000498	22.9	0.0000182	0.000318	0.000387	0.00102	0.0777	0.00000924	1.58	3.09	0.0624	0.000242	5.9	0.00148	0.0492	0.000521	0.000174	0.0000897	0.121	0.00000199	0.000073	0.000807	0.00164	6.73E-16
2093 Jul	82.8	0.0581	0.0208	0.00119	17	0.0268	6.41	0.00103	0.00103	0.00000518	0.00687	0.00142	0.0103	0.0287	0.00000518	23.7	0.0000189	0.00033	0.0004	0.00106	0.0805	0.0000096	1.64	3.2	0.0645	0.000251	6.13	0.00154	0.0511	0.000538	0.000181	0.000093	0.125	0.00000207	0.0000759	0.000836	0.00171	6.95E-16
2093 Aug	85.6	0.0601	0.0215	0.00124	17.5	0.0278	6.62	0.00107	0.00107	0.00000537	0.00711	0.00147	0.0107	0.0297	0.00000537	24.5	0.0000195	0.000341	0.000413	0.0011	0.0832	0.00000995	1.69	3.31	0.0666	0.00026	6.34	0.00159	0.0529	0.000556	0.000187	0.0000961	0.129	0.00000215	0.0000786	0.000863	0.00177	7.17E-16
2093 Sep	85.8	0.0608	0.0214	0.00124	17.6	0.0281	6.65	0.00108	0.00108	0.00000539	0.00715	0.00147	0.0107	0.0297	0.00000539	24.6	0.0000195	0.000341	0.000413	0.0011	0.0834	0.00001	1.7	3.31	0.0665	0.000264	6.36	0.00159	0.0532	0.000554	0.000187	0.0000962	0.13	0.00000216	0.000079	0.000861	0.00177	7.15E-16
2093 Oct	80.8	0.0611	0.0198	0.00118	16.7	0.0279	6.32	0.00103	0.00103	0.00000517	0.00695	0.0014	0.0104	0.028	0.00000517	23.2	0.0000186	0.000321	0.000384	0.00105	0.0784	0.00000962	1.61	3.11	0.0611	0.00027	6.01	0.00151	0.0514	0.000507	0.000172	0.0000898	0.122	0.00000207	0.0000765	0.000796	0.00167	6.53E-16
2093 Nov	79.2	0.0619	0.0192	0.00117	16.4	0.0281	6.22	0.00102	0.00102	0.00000511	0.00693	0.00138	0.0103	0.0274	0.00000512	22.8	0.0000183	0.000315	0.000373	0.00104	0.0768	0.00000954	1.58	3.05	0.0591	0.000276	5.91	0.00148	0.0511	0.000488	0.000166	0.0000875	0.119	0.00000205	0.000076	0.000772	0.00164	6.29E-16
2093 Dec	79.1	0.062	0.0192	0.00117	16.4	0.0282	6.22	0.00102	0.00102	0.00000512	0.00693	0.00138	0.0103	0.0274	0.00000512	22.8	0.0000183	0.000315	0.000373	0.00104	0.0768	0.00000955	1.58	3.05	0.059	0.000277	5.91	0.00148	0.0511	0.000488	0.000165	0.0000875	0.119	0.00000205	0.0000761	0.000771	0.00164	6.28E-16
2094 Jan	79.2	0.0621	0.0192	0.00117	16.4	0.0282	6.23	0.00102	0.00102	0.00000512	0.00694	0.00138	0.0103	0.0274	0.00000512	22.8	0.0000183	0.000315	0.000373	0.00104	0.0768	0.00000955	1.58	3.05	0.0591	0.000277	5.91	0.00148	0.0511	0.000488	0.000165	0.0000875	0.119	0.00000205	0.0000761	0.000771	0.00164	6.28E-16
2094 Feb	79.2	0.0621	0.0192	0.00117	16.5	0.0282	6.23	0.00102	0.00102	0.00000512	0.00694	0.00138	0.0103	0.0274	0.00000512	22.8	0.0000183	0.000315	0.000373	0.00104	0.0769	0.00000955	1.58	3.05	0.0591	0.000277	5.91	0.00148	0.0512	0.000488	0.000165	0.0000875	0.12	0.00000205	0.0000761	0.000772	0.00164	6.28E-16
2094 Mar	79.3	0.0622	0.0192	0.00117	16.5	0.0282	6.24	0.00102	0.00102	0.00000513	0.00695	0.00138	0.0103	0.0275	0.00000513	22.9	0.0000183	0.000316	0.000374	0.00104	0.077	0.00000957	1.58	3.05	0.0592	0.000277	5.92	0.00148	0.0512	0.000489	0.000166	0.0000876	0.12	0.00000205	0.0000762	0.000773	0.00164	6.28E-16
2094 Apr	79.6	0.0625	0.0193	0.00117	16.6	0.0283	6.27	0.00103	0.00103	0.00000515	0.00697	0.00139	0.0104	0.0276	0.00000515	23	0.0000184	0.000317	0.000375	0.00105	0.0773	0.00000961	1.59	3.07	0.0595	0.000278	5.95	0.00149	0.0514	0.000491	0.000166	0.000088	0.12	0.00000206	0.0000765	0.000776	0.00165	6.31E-16
2094 May	80.6	0.0626	0.0196	0.00117	16.8	0.0279	6.34	0.00103	0.00103	0.00000514	0.00694	0.0014	0.0103	0.0282	0.00000514	23.4	0.0000185	0.000322	0.000387	0.00106	0.0789	0.00000959	1.61	3.13	0.0616	0.000274	6.03	0.0015	0.0515	0.000511	0.000169	0.0000898	0.123	0.00000205	0.0000766	0.000798	0.00165	5.99E-16
2094 Jun	83	0.0622	0.0206	0.00117	17.3	0.0269	6.5	0.00102	0.00102	0.0000051	0.00682	0.00143	0.0101	0.0292	0.0000051	24.2	0.0000186	0.000332	0.00041	0.00107	0.0816	0.00000948	1.65	3.26	0.0659	0.000263	6.2	0.00153	0.0512	0.00055	0.000174	0.0000935	0.127	0.00000204	0.0000765	0.00084	0.00166	5.22E-16
2094 Jul	88.5	0.0663	0.022	0.00125	18.4	0.0288	6.93	0.00109	0.00109	0.00000545	0.00729	0.00152	0.0108	0.0312	0.00000545	25.8	0.0000198	0.000354	0.000437	0.00114	0.087	0.00000101	1.76	3.48	0.0702	0.00028	6.61	0.00164	0.0547	0.000586	0.000186	0.0000997	0.136	0.00000218	0.0000816	0.000896	0.00177	5.56E-16
2094 Aug	94.5	0.0709	0.0235	0.00134	19.7	0.0308	7.41	0.00116	0.00116	0.00000582	0.00779	0.00163	0.0115	0.0333	0.00000582	27.5	0.0000212	0.000378	0.000467	0.00122	0.093	0.00000108	1.88	3.71	0.075	0.0003	7.06	0.00175	0.0585	0.000626	0.000199	0.0001007	0.145	0.00000233	0.0000873	0.000957	0.00189	5.94E-16
2094 Sep	94.3	0.0714	0.0233	0.00133	19.6	0.031	7.4	0.00116	0.00116	0.00000582	0.00781	0.00163	0.0116	0.0332	0.00000583	27.5	0.0000212	0.000377	0.000464	0.00122	0.0927	0.00000108	1.88	3.7	0.0745	0.000303	7.05	0.00174	0.0586	0.000621	0.000197	0.000106	0.145	0.00000233	0.0000874	0.000951	0.00189	5.89E-16
2094 Oct	90.3	0.071	0.0221	0.00129	18.9	0.0307	7.13	0.00113	0.00113	0.00000565	0.00763	0.00157	0.0113	0.0318	0.00000565	26.3	0.0000204	0.000361	0.00044	0.00118	0.0887	0.00000105	1.8	3.54	0.0703	0.000305	6.77	0.00167	0.057	0.000584	0.000186	0.000101	0.138	0.00000226	0.0000852	0.0009	0.00181	5.53E-16
2094 Nov	86.3	0.0708	0.0208	0.00124	18.2	0.0304	6.86	0.00109	0.00109	0.00000547	0.00746	0.00151	0.011	0.0304	0.00000547	25.2	0.0000196	0.000345	0.000416	0.00114	0.0846	0.0000102	1.73	3.37	0.0659	0.000308	6.49	0.0016	0.0555	0.000545	0.000174	0.0000958	0.132	0.00000219	0.0000829	0.000847	0.00173	5.15E-16
2094 Dec	85.9	0.071	0.0207	0.00124	18.1	0.0305	6.83	0.00109	0.00109	0.00000545	0.00746	0.0015	0.011	0.0302	0.00000546	25.1	0.0000196	0.000343	0.000413	0.00114	0.0842	0.0000102	1.72	3.36	0.0654	0.00031	6.46	0.00159	0.0554	0.00054	0.000173	0.0000952	0.131	0.00000218	0.0000828	0.000841	0.00172	5.11E-16
2095 Jan	85.9	0.0711	0.0207	0.00124	18.1	0.0305	6.84	0.00109	0.00109	0.00000545	0.00746	0.0015	0.011	0.0302	0.00000546	25.1	0.0000196	0.000343	0.000413	0.00114	0.0842	0.0000102	1.72	3.36	0.0654	0.00031	6.46	0.00159	0.0555	0.00054	0.000173	0.0000952	0.131	0.00000218	0.0000828	0.000841	0.00172	5.1E-16
2095 Feb	85.9	0.0711	0.0207	0.00124	18.1	0.0305	6.84	0.00109	0.00109	0.00000546	0.00746	0.0015	0.011	0.0302	0.00000546	25.1	0.0000196	0.000343	0.000414	0.00114	0.0843	0.0000102	1.72	3.36	0.0655	0.00031	6.47	0.00159	0.0555	0.000541	0.000173	0.0000952	0.132	0.00000218	0.0000829	0.000842	0.00172	5.1E-16
2095 Mar	86	0.0712	0.0207	0.00124	18.1	0.0305	6.85	0.00109	0.00109	0.00000546	0.00747	0.0015	0.011	0.0303	0.00000546	25.2	0.0000196	0.000344	0.000414	0.00114	0.0844	0.0000102	1.72	3.36	0.0656	0.00031	6.47	0.0016	0.0555	0.000541	0.000173	0.0000953	0.132	0.00000218	0.000083	0.000843	0.00173	5.1E-16
2095 Apr	86.5	0.0716	0.0208	0.00125	18.2	0.0307	6.88	0.00109	0.00109	0.00000549	0.0075	0.00151	0.011	0.0304	0.00000549	25.3	0.0000197	0.000346	0.000416	0.00115	0.0848	0.0000103	1.73	3.38	0.0659	0.000312	6.51	0.0016	0.0558	0.000544	0.000174	0.0000958	0.132	0.00000219	0.0000834	0.000847	0.00174	5.13E-16
2095 May	86.7	0.0716	0.0209	0.00124	18.3	0.0304	6.91	0.00109	0.00109	0.00000549	0.00749	0.00152	0.011	0.0309	0.00000549	25.6	0.0000198	0.00035	0.000425	0.00115	0.086	0.0000103	1.75	3.43	0.0675	0.000309	6.55	0.00161	0.056	0.000558	0.000176	0.0000971	0.134	0.00000219	0.0000833	0.000863	0.00174	4.98E-16
2095 Jun	88	0.0723	0.0212	0.00124	18.7	0.0302	7.01	0.0011	0.0011	0.00000553	0.00755	0.00156	0.0111	0.0319	0.00000553	26.4	0.0000202	0.000361	0.000444	0.00117	0.089	0.0000104	1.79	3.55	0.0709	0.000306	6.69	0.00165	0.0569	0.00059	0.000182	0.0001	0.139	0.00000221	0.0000838	0.000902	0.00177	4.76E-16
2095 Jul	93.5	0.0769	0.0226	0.00132	19.9	0.0321	7.45	0.00117	0.00117	0.00000589	0.00804	0.00166	0.0117	0.0339	0.00000589	28.1	0.0000215	0.000383	0.000472	0.00125	0.0946	0.0000111	1.9	3.77	0.0754	0.000325	7.11	0.00175	0.0605	0.000627	0.000194	0.000107	0.147	0.00000235	0.0000892	0.000959	0.00189	5.05E-16
2095 Aug	93.4	0.0768	0.0225	0.00132	19.9	0.0322	7.44	0.00118	0.00118	0.0000059	0.00804	0.00166	0.0117	0.0339	0.0000059	28.1	0.0000214	0.000383	0.000471	0.00125	0.0945	0.0000111	1.9	3.76	0.0752	0.000327	7.11	0.00175	0.0606	0.000625	0.000193	0.000107	0.147	0.00000236	0.0000892	0.000956	0.00189	5.04E-16
2095 Sep	93.4	0.0771	0.0224	0.00133	19.9	0.0326	7.45	0.00118	0.00118	0.00000592	0.00807	0.00167	0.0118	0.0339	0.00000592	28.1	0.0000214	0.000383	0.000469	0.00125	0.0943	0.0000112	1.91	3.76	0.0748	0.000331	7.11	0.00175	0.0607	0.000621	0.000192	0.000107	0.147	0.00000237	0.0000894	0.000951	0.00189	5E-16
2095 Oct	93.3	0.0772	0.0224	0.00133	19.9	0.0326	7.45	0.00118	0.00118	0.00000592	0.00807	0.00167	0.0118	0.0339	0.00000592	28.1	0.0000213	0.000383	0.000468	0.00125	0.0942	0.0000112	1.9	3.76	0.0747	0.000331	7.11	0.00175	0.0608	0.000619	0.000192	0.000106	0.147	0.00000237	0.0000895	0.000949	0.00189	4.99E-16
2095 Nov	91.9	0.0769	0.022	0.00131	19.6	0.0325	7.35	0.00117	0.00117	0.00000585	0.008	0.00164	0.0117	0.0333	0.00000585	27.6	0.0000211	0.000377	0.000459	0.00123	0.0928	0.000011	1.88	3.7	0.0731	0.000331	7.01	0.00172	0.0601	0.000606	0.000188	0.000105	0.145	0.00000234	0.0000886	0.000931	0.00186	4.88E-16
2095 Dec	91.5	0.0771	0.0218	0.0013	19.6	0.0325	7.32	0.00117	0.00117	0.00000584	0.008	0.00164	0.0117	0.0332	0.00000584	27.5	0.0000201	0.000375	0.000457	0.00123	0.0923	0.0000111	1.87	3.68	0.0726	0.000333	6.98	0.00172	0.06	0.000601	0.000186	0.000104	0.144	0.00000233	0.0000885	0.000924	0.00185	4.84E-16
2096 Jan	91.5	0.0771	0.0218	0.0013	19.6	0.0325	7.32	0.00117	0.00117	0.00000584	0.008	0.00164	0.0117	0.0332	0.00000584	27.5	0.0000201	0.000375	0.000457	0.00123	0.0923	0.0000111	1.87	3.68	0.0726	0.000333	6.98	0.00172	0.0601	0.000601	0.000186	0.000104	0.144	0.00000233	0.0000885	0.000925	0.00185	4.84E-16
2096 Feb	91.6	0.0772	0.0218	0.00131	19.6	0.0325	7.33	0.00117	0.00117	0.00000584	0.008	0.00164	0.0117	0.0332	0.00000584	27.6	0.0000201	0.000376	0.000457	0.00123	0.0924	0.0000111	1.87	3.68	0.0727	0.000333	6.99	0.00172	0.0601	0.000601	0.000186	0.000104	0.144	0.00000234	0.0000885	0.000926	0.00185	4.84E-16
2096 Mar	91.7	0.0773	0.0219	0.00131	19.6	0.0326	7.34	0.00117	0.00117	0.00000585	0.00801	0.00164	0.0117	0.0333	0.00000585	27.6	0.0000201	0.000376	0.000458	0.00123	0.0926	0.0000111	1.87	3.69	0.0728	0.000333	7	0.00172	0.0602	0.000602	0.000187	0.000104	0.145	0.00000234	0.0000886	0.000927	0.00185	4.84E-16
2096 Apr	92.1	0.0777	0.022	0.00131	19.7	0.0327	7.38	0.00117	0.00117	0.00000587	0.00805	0.00165	0.0117	0.0334	0.00000588	27.7	0.0000211	0.000378	0.00046	0.00124	0.093	0.0000111	1.88	3.71	0.0732	0.000335	7.03	0.00173	0.0605	0.000605	0.000187	0.000105	0.145	0.00000235	0.0000891	0.000932	0.00186	4.86E-16
2096 May	93	0.0783	0.0222	0.00132	20	0.0328	7.45	0.00118	0.00118	0.00000592	0.0081	0.00167	0.0118	0.0339	0.00000592	28.1	0.0000213	0.000383	0.000469	0.00125	0.0944	0.0000112	1.91	3.76	0.0747	0.000336	7.11	0.00175	0.061	0.000618	0.00019	0.000106	0.147	0.00000237	0.0000897	0.000948	0.00188	4.81E-16
2096 Jun	80.6	0.0629	0.0194	0.00119	16.9	0.0282	6.31	0.00107	0.00107	0.00000535	0.00735	0.00145	0.0106	0.029	0.00000535	24	0.00002	0.000336	0.000397	0.00108	0.0818	0.0000101	1.65	3.21	0.0635	0.000273	6.09	0.00154	0.0541	0.000525	0.000185	0.0000921	0.126	0.00000214	0.0000781	0.000841	0.00178	3.56E-16
2096 Jul	83.1	0.0634	0.0201	0.00124	17.2	0.029	6.47	0.0011	0.0011	0.00000552	0.00756	0.00148	0.011	0.0293	0.00000552	24.3	0.0000206	0.000341	0.000401	0.0011	0.083	0.0000104	1.68	3.25	0.064	0.000277	6.22	0.00158	0.0553	0.000528	0.000191	0.0000938	0.128	0.00000221	0.0000803	0.000855	0.00184	3.59E-16
2096 Aug	87.6	0.0668	0.0212	0.00131	18.2	0.0306	6.82	0.00116	0.00116	0.00000582	0.00798	0.00156	0.0116	0.0309	0.00000582	25.7	0.0000217	0.000363	0.000422	0.00117	0.0875	0.0000111	1.78	3.43	0.0674	0.000292	6.56	0.00167	0.0584	0.000557	0.000202	0.0000989	0.134	0.00000233	0.0000846	0.000901	0.00194	3.78E-16
2096 Sep	86.2	0.0674	0.0207	0.00129	17.9	0.0307	6.73	0.00115	0.00115	0.00000577	0.00793	0.00154	0.0115	0.0304	0.00000577	25.3	0.0000214	0.000354	0.000413	0.00115	0.086	0.0000109	1.75	3.37	0.0656	0.000297	6.47	0.00164	0.0579	0.000541	0.000196	0.0000969	0.132	0.00000231	0.0000841	0.000879	0.0019	3.67E-16
2096 Oct	81.6	0.0674	0.0192	0.00123	17.1	0.0304	6.43	0.0011	0.0011	0.00000554	0.0077	0.00146	0.0112	0.0287	0.00000554	23.9	0.0000204	0.000334	0.000385	0.00111	0.0812	0.0000105	1.66	3.18	0.0606	0.000302	6.14	0.00156	0.056	0.000496	0.000181	0.0000908	0.125	0.00000221	0.0000815	0.000815

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
Active Closure (2037-2043): Min	43.8	0.0195	0.00672	0.00102	9.65	0.0222	3.64	0.000927	0.000927	0.00000465	0.00609	0.000867	0.0108	0.0113	0.00000467	11.2	0.0000119	0.000197	0.000108	0.000641	0.0394	0.00000948	0.888	1.55	0.0141	0.000155	3.59	0.00102	0.0421	0.000053	0.00011	0.0000449	0.0522	0.00000187	0.0000586	0.000219	0.00133	9.21E-09
Active Closure (2037-2043): Mean	119	0.063	0.103	0.00235	37.3	0.0351	20.6	0.00106	0.00106	0.00000534	0.00737	0.00131	0.018	0.0204	0.00000538	20.7	0.0000192	0.000289	0.000243	0.000998	0.0612	0.0000111	1.35	4.08	0.0375	0.000366	21.2	0.00191	0.0515	0.000274	0.000195	0.0000823	0.0961	0.00000216	0.0000901	0.000572	0.00181	0.000000116
Active Closure (2037-2043): Max	206	0.107	0.227	0.00405	73.7	0.0446	35	0.00129	0.00129	0.00000647	0.00887	0.00194	0.0242	0.0387	0.00000652	35	0.000027	0.000479	0.000564	0.00142	0.11	0.0000131	2.19	6.39	0.0941	0.000522	44.2	0.00266	0.067	0.000776	0.000292	0.000139	0.175	0.00000262	0.000119	0.00121	0.00235	0.000000266
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	54.9	0.0173	0.00787	0.00101	8.51	0.0226	7.98	0.000918	0.000918	0.00000461	0.00614	0.000905	0.0118	0.0118	0.00000463	11.3	0.0000132	0.000202	0.000114	0.000689	0.0408	0.00000841	0.954	1.87	0.0152	0.000156	3.5	0.00126	0.0401	0.000066	0.0000937	0.0000515	0.0545	0.00000185	0.0000611	0.000286	0.00129	1.03E-11
Post Closure (2044-2099): Mean	86	0.0554	0.0219	0.00124	15.5	0.0355	20.8	0.00105	0.00105	0.00000527	0.00747	0.00129	0.018	0.0213	0.00000532	21.5	0.0000194	0.000296	0.000257	0.00102	0.0621	0.0000108	1.39	4.16	0.0394	0.000397	6.43	0.00193	0.0516	0.000285	0.000184	0.0000835	0.1	0.00000212	0.0000938	0.000585	0.00174	0.00000001
Post Closure (2044-2099): Max	143	0.0886	0.109	0.0025	40.2	0.0446	40	0.00145	0.00145	0.00000725	0.00989	0.00227	0.027	0.0467	0.0000073	41.7	0.0000301	0.000558	0.000689	0.00169	0.131	0.0000146	2.59	7.48	0.114	0.000633	22.5	0.0031	0.0764	0.000949	0.000331	0.000164	0.21	0.00000292	0.000132	0.00142	0.00262	0.000000143
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	54	0.0575	0.00958	0.00104	12.4	0.0345	4.56	0.00104	0.00104	0.00000519	0.00718	0.00192	0.0105	0.0209	0.00000519	17.8	0.0000156	0.000243	0.000231	0.000946	0.0609	0.0000104	1.28	2.22	0.0329	0.00033	4.54	0.0012	0.0528	0.000254	0.00012	0.0000637	0.0897	0.00000208	0.0000696	0.000474	0.00154	
2026 Feb	54.1	0.0576	0.00961	0.00104	12.5	0.0345	4.57	0.00104	0.00104	0.00000519	0.00718	0.00192	0.0105	0.021	0.00000519	17.9	0.0000156	0.000244	0.000232	0.000947	0.061	0.0000104	1.28	2.23	0.033	0.00033	4.54	0.0012	0.0528	0.000255	0.00012	0.0000638	0.0899	0.00000208	0.0000697	0.000476	0.00154	
2026 Mar	54.2	0.0577	0.00963	0.00104	12.5	0.0346	4.58	0.00104	0.00104	0.0000052	0.00719	0.00288	0.0105	0.021	0.0000052	17.9	0.0000156	0.000244	0.000232	0.000949	0.0612	0.0000104	1.29	2.23	0.0331	0.00033	4.55	0.0012	0.0529	0.000256	0.00012	0.0000639	0.0901	0.00000208	0.0000698	0.000477	0.00154	
2026 Apr	54.7	0.0582	0.00972	0.00105	12.6	0.0348	4.62	0.00105	0.00105	0.00000524	0.00725	0.00728	0.0106	0.0212	0.00000524	18.1	0.0000157	0.000246	0.000235	0.000957	0.0617	0.0000105	1.3	2.25	0.0335	0.000333	4.59	0.0012	0.0533	0.000258	0.000122	0.0000645	0.0909	0.0000021	0.0000704	0.000482	0.00155	
2026 May	56.5	0.0602	0.01	0.00108	13	0.036	4.77	0.00108	0.00108	0.00000541	0.00749	0.00832	0.0109	0.0219	0.00000541	18.7	0.0000162	0.000254	0.000243	0.000988	0.0638	0.0000108	1.34	2.33	0.0346	0.000344	4.75	0.00125	0.0551	0.000267	0.000125	0.0000666	0.0939	0.00000216	0.0000727	0.000498	0.0016	
2026 Jun	43.1	0.0288	0.00835	0.000975	8.53	0.0238	3.01	0.000975	0.000975	0.00000487	0.00711	0.00151	0.00975	0.0154	0.00000487	13.2	0.0000196	0.00022	0.000165	0.00072	0.0498	0.00000975	1.03	1.64	0.025	0.000177	3.31	0.00107	0.0466	0.000189	0.000187	0.0000522	0.0664	0.00000195	0.000056	0.000517	0.00183	
2026 Jul	43.8	0.0234	0.00852	0.00107	8.22	0.0246	2.89	0.00107	0.00107	0.00000535	0.0078	0.00191	0.0106	0.0151	0.00000535	13	0.0000221	0.000229	0.000154	0.00074	0.0511	0.0000107	1.06	1.6	0.0233	0.000161	3.3	0.00113	0.05	0.000173	0.000218	0.0000532	0.0652	0.00000214	0.0000583	0.000549	0.00208	
2026 Aug	43.6	0.0215	0.00822	0.0011	8.31	0.0276	2.96	0.0011	0.0011	0.00000551	0.0077	0.00219	0.0108	0.0152	0.00000551	13	0.0000206	0.000219	0.000146	0.000774	0.0513	0.000011	1.07	1.58	0.0213	0.000175	3.38	0.00114	0.0509	0.000159	0.000204	0.0000532	0.065	0.0000022	0.0000592	0.000497	0.00204	
2026 Sep	44.9	0.0243	0.00824	0.00113	8.72	0.0297	3.12	0.00113	0.00113	0.00000565	0.00782	0.00274	0.0112	0.0156	0.00000565	13.4	0.0000202	0.000222	0.000147	0.000803	0.052	0.0000113	1.1	1.62	0.0209	0.000199	3.51	0.00116	0.0522	0.000153	0.000197	0.0000543	0.0668	0.00000226	0.0000614	0.000481	0.00204	
2026 Oct	43.8	0.0328	0.00747	0.00108	8.94	0.0313	3.26	0.00108	0.00108	0.00000539	0.00751	0.00227	0.0109	0.0152	0.00000539	13.2	0.0000181	0.000209	0.000136	0.0008	0.0492	0.0000108	1.07	1.58	0.0181	0.000242	3.5	0.0011	0.0508	0.000126	0.000163	0.0000509	0.0652	0.00000216	0.000062	0.000409	0.00183	
2026 Nov	44.3	0.0338	0.00751	0.00109	9.06	0.0317	3.31	0.00109	0.00109	0.00000544	0.00758	0.00227	0.011	0.0154	0.00000544	13.3	0.0000182	0.00021	0.000137	0.000809	0.0496	0.0000109	1.08	1.59	0.0182	0.000248	3.53	0.00111	0.0512	0.000126	0.000163	0.0000512	0.0658	0.00000217	0.0000627	0.00041	0.00184	
2026 Dec	44.3	0.0339	0.00752	0.00109	9.07	0.0318	3.31	0.00109	0.00109	0.00000544	0.00759	0.00228	0.011	0.0154	0.00000544	13.3	0.0000182	0.000211	0.000138	0.00081	0.0496	0.0000109	1.08	1.6	0.0182	0.000248	3.54	0.00111	0.0513	0.000126	0.000163	0.0000512	0.0659	0.00000218	0.0000628	0.00041	0.00184	
2027 Jan	44.4	0.034	0.00753	0.00109	9.09	0.0318	3.32	0.00109	0.00109	0.00000544	0.00759	0.00228	0.011	0.0154	0.00000544	13.3	0.0000182	0.000211	0.000138	0.00081	0.0497	0.0000109	1.08	1.6	0.0183	0.000249	3.54	0.00111	0.0513	0.000127	0.000163	0.0000513	0.0661	0.00000218	0.0000629	0.00041	0.00184	
2027 Feb	44.4	0.034	0.00754	0.00109	9.1	0.0318	3.32	0.00109	0.00109	0.00000544	0.00759	0.00228	0.011	0.0154	0.00000544	13.4	0.0000182	0.000211	0.000138	0.000811	0.0498	0.0000109	1.08	1.6	0.0183	0.000249	3.55	0.00111	0.0513	0.000127	0.000163	0.0000513	0.0661	0.00000218	0.0000629	0.000412	0.00184	
2027 Mar	44.5	0.0341	0.00756	0.00109	9.12	0.0318	3.33	0.00109	0.00109	0.00000545	0.0076	0.00228	0.011	0.0155	0.00000545	13.4	0.0000183	0.000212	0.000139	0.000812	0.0499	0.0000109	1.08	1.61	0.0184	0.000249	3.56	0.00111	0.0514	0.000127	0.000164	0.0000514	0.0663	0.00000218	0.000063	0.000413	0.00184	
2027 Apr	45.1	0.0346	0.00766	0.0011	9.24	0.0323	3.37	0.0011	0.0011	0.00000552	0.0077	0.00231	0.0112	0.0157	0.00000552	13.6	0.0000185	0.000214	0.000141	0.000823	0.0505	0.000011	1.1	1.63	0.0187	0.000252	3.6	0.00113	0.0521	0.000129	0.000166	0.0000521	0.0672	0.00000221	0.0000638	0.000419	0.00186	
2027 May	47	0.0363	0.008	0.00115	9.66	0.0336	3.53	0.00115	0.00115	0.00000574	0.00801	0.00407	0.0116	0.0164	0.00000574	14.2	0.0000192	0.000223	0.000148	0.000858	0.0527	0.0000115	1.14	1.7	0.0196	0.000264	3.76	0.00118	0.0542	0.000136	0.000172	0.0000543	0.0702	0.0000023	0.0000665	0.000436	0.00194	
2027 Jun	39.2	0.0224	0.00725	0.000991	7.38	0.0242	2.62	0.000991	0.000991	0.00000496	0.00719	0.00237	0.00998	0.0132	0.00000496	11.4	0.0000197	0.000202	0.000124	0.000678	0.0447	0.00000991	0.951	1.38	0.0179	0.000166	2.96	0.00102	0.046	0.000127	0.00019	0.0000464	0.0569	0.00000198	0.0000542	0.000457	0.00188	
2027 Jul	39.4	0.0151	0.00757	0.00106	6.82	0.0229	2.37	0.00106	0.00106	0.0000053	0.0078	0.00172	0.0106	0.0127	0.0000053	11.1	0.0000228	0.000213	0.000117	0.000671	0.0456	0.0000106	0.96	1.33	0.0174	0.00013	2.85	0.00107	0.0483	0.000121	0.000229	0.0000472	0.055	0.00000212	0.0000547	0.000516	0.00215	
2027 Aug	43.4	0.0171	0.00822	0.00117	7.64	0.0263	2.67	0.00117	0.00117	0.00000584	0.00847	0.00251	0.0117	0.0141	0.00000584	12.2	0.0000241	0.000231	0.000127	0.000748	0.0501	0.0000117	1.06	1.47	0.0187	0.000154	3.19	0.00118	0.053	0.00013	0.000243	0.0000521	0.0609	0.00000234	0.0000604	0.000544	0.00232	
2027 Sep	42.5	0.0248	0.00749	0.00111	8.06	0.0288	2.88	0.00111	0.00111	0.00000554	0.0079	0.0023	0.0114	0.014	0.00000554	12.3	0.0000207	0.000216	0.00012	0.000751	0.0473	0.0000111	1.04	1.45	0.0164	0.000204	3.24	0.00111	0.0509	0.000108	0.000197	0.0000497	0.0604	0.00000222	0.0000603	0.000451	0.00204	
2027 Oct	42.4	0.0358	0.00688	0.00106	8.58	0.0309	3.13	0.00106	0.00106	0.00000531	0.00765	0.002	0.0111	0.0141	0.00000531	12.4	0.0000186	0.000205	0.000117	0.000764	0.0456	0.0000106	1.02	1.46	0.0147	0.000256	3.31	0.00106	0.05	0.0000899	0.000161	0.0000472	0.0607	0.00000212	0.000062	0.000387	0.00182	
2027 Nov	42.8	0.0401	0.00673	0.00105	8.83	0.0318	3.24	0.00105	0.00105	0.00000527	0.00765	0.00182	0.0111	0.0142	0.00000527	12.6	0.0000182	0.000204	0.000117	0.000776	0.0454	0.0000105	1.02	1.48	0.0143	0.000276	3.37	0.00105	0.0502	0.0000848	0.000151	0.0000467	0.0614	0.00000211	0.0000633	0.000371	0.00177	
2027 Dec	42.8	0.0407	0.00671	0.00105	8.86	0.0318	3.26	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0142	0.00000527	12.6	0.0000181	0.000204	0.000118	0.000777	0.0454	0.0000105	1.02	1.48	0.0142	0.000279	3.37	0.00105	0.0503	0.0000841	0.000149	0.0000466	0.0614	0.00000211	0.0000634	0.000369	0.00176	
2028 Jan	42.8	0.0408	0.00673	0.00105	8.88	0.0319	3.26	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0143	0.00000527	12.7	0.0000181	0.000204	0.000118	0.000778	0.0455	0.0000105	1.03	1.48	0.0143	0.000279	3.38	0.00105	0.0503	0.0000845	0.000149	0.0000466	0.0616	0.00000211	0.0000635	0.00037	0.00176	
2028 Feb	42.9	0.0409	0.00675	0.00105	8.9	0.0319	3.27	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0143	0.00000527	12.7	0.0000181	0.000204	0.000118	0.000779	0.0456	0.0000105	1.03	1.49	0.0144	0.000279	3.39	0.00106	0.0503	0.0000851	0.00015	0.0000467	0.0618	0.00000211	0.0000635	0.000371	0.00176	
2028 Mar	43	0.0409	0.00676	0.00105	8.91	0.0319	3.28	0.00105	0.00105	0.00000527	0.00765	0.0018	0.0111	0.0143	0.00000527	12.7	0.0000181	0.000205	0.000119	0.00078	0.0457	0.0000105	1.03	1.49	0.0145	0.000279	3.39	0.00106	0.0503	0.0000855	0.00015	0.0000468	0.0619	0.00000211	0.0000635	0.000372	0.00176	
2028 Apr	43.3	0.0413	0.00682	0.00106	8.99	0.0321	3.3	0.00106	0.00106	0.00000531	0.00771	0.00181	0.0112	0.0145	0.00000531	12.8	0.0000183	0.000206	0.00012	0.000785	0.046	0.0000106	1.04	1.5	0.0147	0.000281	3.42	0.00106	0.0507	0.0000864	0.000151	0.0000471	0.0624	0.00000212	0.000064	0.000375	0.00177	
2028 May	44.6	0.0425	0.00704	0.00109	9.26	0.0331	3.4	0.00109	0.00109	0.00000546	0.00793	0.00281	0.0115	0.0149	0.00000546	13.2	0.0000188	0.000213	0.000124	0.000809	0.0474	0.0000109	1.07	1.55	0.0152	0.000289	3.52	0.0011	0.0522	0.0000893	0.000155	0.0000486	0.0643	0.00000219	0.0000659	0.000387	0.00182	
2028 Jun	38.7	0.0273	0.00667	0.001	7.34	0.0257	2.64	0.001	0.001	0.00000501	0.00742	0.00283	0.0103	0.0126	0.00000501	11.1	0.0000198	0.000198	0.000107	0.00068	0.0426	0.00001	0.932	1.31	0.0143	0.000195	2.91	0.001	0.0468	0.00009	0.000182	0.0000436	0.0543	0.000002	0.0000563	0.000422	0.00187	
2028 Jul	38.7	0.018	0.00717	0.00105	6.77	0.0235	2.37	0.00105	0.00105	0.00000525	0.0078	0.00174	0.0106	0.0123	0.00000525	10.8	0.0000224	0.000208	0.000108	0.000666	0.044	0.0000105	0.94	1.29	0.0154	0.000146	2.8	0.00105	0.0481	0.000102	0.00022	0.0000453	0.0533	0.00000221	0.0000552	0.000489	0.0021	
2028 Aug	45.6	0.0215	0.00842	0.00124	8.02	0.028	2.82	0.00124	0.00124	0.00000618	0.00914	0.00304	0.0125	0.0145	0.00000618	12.7	0.0000261	0.000244	0.000126	0.000785	0.0517	0.0000124	1.11	1.52	0.0181	0.000176	3.32	0.00123	0.0565	0.000119	0.000256	0.0000534	0.0629	0.00000247	0.0000665	0.000568	0.00246	
2028 Sep	46.4	0.0268	0.00826	0.00123	8.47	0.0299	3.01	0.00123	0.00123	0.00000617	0.0091	0.00329	0.0126	0.0149	0.00000617	13.1	0.0000251	0.000242	0.000128	0.00081	0.0519	0.0000123	1.12	1.55	0.0176	0.000206	3.43	0.00123	0.0569	0.000114	0.000239	0.0000533	0.0644	0.00000247	0.0000669	0.000539	0.00237	
2028 Oct	43.6	0.0515	0.0064	0.00105	9.22	0.0327	3.45	0.00105	0.00105	0.00000523	0.00796	0.00161	0.0111	0.0144	0.00000523	12.8	0.0000188	0.000203	0.000116	0.000801	0.0456	0.0000105	1.03	1.5	0.0132	0.000312	3.43	0.00104	0.0518	0.0000723	0.00014	0.0000443	0.062	0.00000209	0.0000671	0.000363	0.00171	
2028 Nov	44.3	0.0564	0.0063	0.00105	9.55	0.0339	3.6	0.00105	0.00105	0.00000523	0.00802	0.00148	0.0112	0.0146	0.00000523	13.1	0.0000185	0.000203	0.000118	0.000819	0.0459	0.0000105	1.04	1.53	0.0129	0.000335	3.51	0.00104	0.0524	0.0000683	0.000131	0.0000441	0.0632	0.00000209	0.0000689	0.00035	0.00167	
2028 Dec	44.4	0.0567	0.00631	0.00105	9.57	0.0339	3.61	0.00105	0.00105	0.00000523	0.00803	0.00148	0.0112	0.0147	0.00000523	13.2	0.0000186	0.000204	0.000118	0.000821	0.046	0.0000105	1.04	1.53	0.0129	0.000336	3.52	0.00104	0.0525	0.0000682	0.000131	0.0000442	0.0633	0.00000209	0.0000689	0.00035	0.00167	
2029 Jan	44.4	0.0567	0.00632	0.00105	9.58	0.0339	3.61	0.00105	0.00105	0.00000523	0.00803	0.00148	0.0112	0.0147	0.00000523	13.2	0.0000186	0.000204	0.000118	0.000823	0.046	0.0000105	1.04	1.54	0.013	0.000336	3.52	0.00104	0.0525	0.0000682	0.000131	0.0000442	0.0634	0.00000209	0.0000689	0.000353	0.00167	
2029 Feb	44.5	0.0568	0.00634	0.00105	9.6	0.0339	3.62	0.00105	0.00105	0.00000523	0.00803	0.00148	0.0112	0.0147	0.00000523	13.2	0.0000186	0.000204	0.000119	0.000822	0.0461	0.0000105	1.04	1.54	0.0131	0.000336	3.53	0.00104	0.0525	0.0000691	0.000131	0.0000443	0.0635	0.00000209	0.000069	0.000352	0.00167	
2029 Mar	44.5	0.0568	0.00635	0.00105	9.61	0.0339	3.62	0.00105	0.00105	0.00000524	0.00803	0.00148	0.0112	0.0148	0.00000524	13.2	0.0000186	0.000204	0.00012	0.000823	0.0462	0.0000105	1.04	1.54	0.0132	0.000336	3.53	0.00105	0.0525	0.0000694	0.000131	0.0000443	0.0637	0.00000209	0.0000691	0.000353	0.00167	
2029 Apr	44.7	0.057	0.00638	0.00105	9.64	0.034	3.63	0.00105	0.00105	0.00000525	0.00805	0.00149	0.0112	0.0148	0.00000525	13.3	0.0000186	0.000205	0.00012	0.000825	0.0463	0.0000105	1.05	1.55	0.0133	0.000337	3.55	0.00105	0.0527	0.0000699	0.000131	0.0000445	0.0639	0.00000221	0.0000693	0.000354	0.00167	
2029 May	45.6	0.0581	0.00651	0.00107	9.84	0.0347	3.71	0.00107	0.00107	0.00000535	0.00821	0.00173	0.0114	0.0151	0.00000535	13.5	0.000019	0.000209	0.000123	0.000842	0.0473	0.0000107	1.07	1.58	0.0136	0.000344	3.62	0.00107	0.0537	0.0000715	0.000134	0.0000454	0.0652	0.00000214	0.0000706	0.000361	0.00171	
2029 Jun	44.4	0.0487	0.00681	0.00107	9.17	0.0318	3.41	0.00107	0.00107	0.00000535	0.00816	0.00535	0.0113	0.0146	0.00000535	13	0.0000201	0.000212	0.000123	0.000803	0.0471	0.0000107	1.05	1.53	0.0147	0.000294	3.45	0.00107	0.0526	0.0000853	0.000158	0.000046	0.0632	0.00000214	0.0000672	0.000404	0.00182	
2029 Jul	35	0.0143	0.00645	0.000962	6.22	0.0228	2.21	0.000962	0.000962	0.00000481	0.00688	0.00128	0.0094	0.0115	0.00000481	9.88	0.0000191	0.000181	0.0000994	0.00063	0.0411	0.00000962	0.862	1.19	0.014	0.000132	2.62	0.000956	0.0439	0.0000984	0.00019	0.0000416	0.0491	0.00000192	0.0000499	0.000418	0.00186	
2029 Aug	38.1	0.0152	0.0068	0.00106	7.07	0.0278	2.57	0.00106	0.00106	0.00000528	0.00716	0.00194	0.0101	0.0129	0.00000528	11	0.0000184	0.000185	0.000108	0.000724	0.0455	0.0000106	0.953	1.32	0.0146	0.000161	2.99	0.00104	0.048	0.000106	0.000184	0.0000458	0.0548	0.00000211	0.0000546	0.000398	0.00191	
2029 Sep	39.7	0.0192	0.00685	0.00109	7.67	0.0305	2.81	0.00109	0.00109	0.00000543	0.00723	0.00244	0.0104	0.0136	0.00000543	11.6	0.0000175	0.000188	0.000112	0.000766	0.0468	0.0000109	0.995	1.39	0.0145	0.000193	3.18	0.00107	0.0495	0.000103	0.000172	0.0000474	0.0577	0.00000217	0.0000574	0.000374	0.00187	
2029 Oct	40.1

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2032 Jun	42.5	0.0349	0.00774	0.00097	8.53	0.0251	3.06	0.00097	0.00097	0.00000485	0.00725	0.00197	0.00992	0.0148	0.00000485	12.8	0.0000195	0.000214	0.000151	0.000721	0.0477	0.0000097	1.01	1.57	0.0217	0.000207	3.26	0.00104	0.047	0.000157	0.000175	0.0000491	0.064	0.00000194	0.0000579	0.000479	0.00178	
2032 Jul	33.2	0.0118	0.00631	0.000908	5.8	0.0205	2.04	0.000908	0.000908	0.00000454	0.00653	0.00126	0.00889	0.0109	0.00000454	9.36	0.0000186	0.000175	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0142	0.000112	2.45	0.000911	0.0413	0.000102	0.000188	0.00004	0.0467	0.00000182	0.0000465	0.000418	0.0018	
2032 Aug	35.7	0.0139	0.0064	0.000978	6.72	0.0261	2.43	0.000978	0.000978	0.00000489	0.00654	0.00174	0.00944	0.0122	0.00000489	10.4	0.0000165	0.000174	0.000103	0.000672	0.0422	0.00000978	0.894	1.25	0.0139	0.000155	2.81	0.000968	0.0441	0.000101	0.000167	0.0000435	0.0517	0.00000196	0.0000505	0.000363	0.00175	
2032 Sep	38	0.0178	0.00658	0.00102	7.45	0.0294	2.7	0.00102	0.00102	0.00000512	0.00672	0.00234	0.0101	0.0131	0.00000512	11.2	0.0000159	0.00018	0.000107	0.000721	0.0438	0.0000102	0.952	1.33	0.014	0.000191	3.06	0.00101	0.0462	0.0000982	0.000157	0.0000461	0.0556	0.00000205	0.0000539	0.000344	0.00174	
2032 Oct	39	0.0208	0.00661	0.00104	7.79	0.0307	2.84	0.00104	0.00104	0.00000519	0.00681	0.00254	0.0103	0.0134	0.00000519	11.6	0.0000156	0.000183	0.000109	0.000742	0.0444	0.0000104	0.974	1.37	0.0139	0.000209	3.16	0.00103	0.047	0.0000958	0.000151	0.0000468	0.0571	0.00000208	0.0000556	0.000335	0.00173	
2032 Nov	39.4	0.0237	0.00654	0.00104	7.99	0.0314	2.92	0.00104	0.00104	0.00000519	0.00682	0.00238	0.0104	0.0136	0.00000519	11.7	0.0000154	0.000183	0.000109	0.00075	0.0444	0.0000104	0.98	1.38	0.0137	0.000224	3.21	0.00102	0.0473	0.0000925	0.000145	0.0000467	0.0578	0.00000207	0.0000566	0.000325	0.0017	
2032 Dec	39.5	0.0275	0.00639	0.00102	8.17	0.0319	3.01	0.00102	0.00102	0.00000512	0.0068	0.00218	0.0104	0.0136	0.00000512	11.8	0.000015	0.000181	0.000109	0.000755	0.044	0.0000102	0.979	1.39	0.0133	0.00024	3.23	0.00101	0.0472	0.0000874	0.000136	0.000046	0.0581	0.00000205	0.0000574	0.000311	0.00165	
2033 Jan	39.7	0.0279	0.00643	0.00102	8.22	0.032	3.03	0.00102	0.00102	0.00000512	0.0068	0.00218	0.0104	0.0137	0.00000512	11.9	0.000015	0.000182	0.00011	0.000757	0.0442	0.0000102	0.982	1.4	0.0135	0.000241	3.25	0.00101	0.0472	0.0000883	0.000135	0.0000461	0.0584	0.00000205	0.0000575	0.000313	0.00164	
2033 Feb	39.9	0.028	0.00648	0.00103	8.27	0.032	3.04	0.00103	0.00103	0.00000513	0.0068	0.00218	0.0104	0.0138	0.00000513	12	0.000015	0.000183	0.000112	0.000759	0.0444	0.0000103	0.986	1.41	0.0138	0.000242	3.26	0.00102	0.0473	0.0000897	0.000136	0.0000463	0.0588	0.00000205	0.0000576	0.000315	0.00164	
2033 Mar	40.1	0.0282	0.00653	0.00103	8.31	0.032	3.06	0.00103	0.00103	0.00000514	0.00683	0.00218	0.0104	0.0139	0.00000514	12	0.0000151	0.000184	0.000114	0.000762	0.0447	0.0000103	0.991	1.42	0.0141	0.000242	3.28	0.00102	0.0474	0.0000907	0.000136	0.0000465	0.0592	0.00000206	0.0000578	0.000318	0.00165	
2033 Apr	40.7	0.0287	0.00664	0.00104	8.45	0.0325	3.11	0.00104	0.00104	0.00000521	0.00692	0.00222	0.0105	0.0141	0.00000521	12.2	0.0000153	0.000187	0.000116	0.000774	0.0454	0.0000104	1.01	1.44	0.0144	0.000246	3.33	0.00104	0.0481	0.0000926	0.000138	0.0000472	0.0602	0.00000209	0.0000587	0.000324	0.00167	
2033 May	56.8	0.0438	0.0117	0.00104	12.7	0.0297	4.51	0.00104	0.00104	0.00000521	0.00692	0.00289	0.0101	0.023	0.00000521	19.2	0.0000117	0.000271	0.000283	0.000939	0.0677	0.0000104	1.37	2.46	0.044	0.000247	4.72	0.00128	0.0518	0.000359	0.000162	0.0000735	0.0986	0.00000208	0.0000652	0.00062	0.00171	
2033 Jun	63.9	0.0451	0.0152	0.000919	14.3	0.0196	4.92	0.000919	0.000919	0.00000459	0.00634	0.00167	0.00835	0.0279	0.00000459	22.7	0.0000192	0.000323	0.000404	0.000934	0.0802	0.00000919	1.51	3.05	0.0673	0.000164	5.22	0.00137	0.0486	0.000574	0.0002	0.0000889	0.12	0.00000184	0.000061	0.00089	0.00172	
2033 Jul	64.7	0.0427	0.0151	0.00102	14.2	0.0219	4.87	0.00102	0.00102	0.00000509	0.00706	0.00237	0.00935	0.0275	0.00000509	22.5	0.0000211	0.000329	0.000387	0.000966	0.0808	0.0000102	1.54	3	0.0641	0.000169	5.23	0.00143	0.0524	0.000544	0.000221	0.0000889	0.118	0.00000204	0.0000645	0.000894	0.00193	
2033 Aug	71	0.0462	0.0165	0.00115	15.5	0.0253	5.34	0.00115	0.00115	0.00000573	0.0079	0.00338	0.0105	0.03	0.00000573	24.6	0.0000233	0.000359	0.000417	0.00107	0.0887	0.0000115	1.69	3.27	0.0689	0.000192	5.75	0.00158	0.0586	0.000583	0.000243	0.0000972	0.129	0.00000229	0.0000719	0.000967	0.00215	
2033 Sep	59.5	0.0482	0.0124	0.00106	13.2	0.0286	4.66	0.00106	0.00106	0.0000053	0.00735	0.00249	0.0103	0.0241	0.0000053	20.1	0.0000191	0.000289	0.000304	0.00096	0.071	0.0000106	1.42	2.59	0.0477	0.000246	4.87	0.00133	0.0536	0.000391	0.00018	0.0000766	0.103	0.00000212	0.0000678	0.000692	0.00182	
2033 Oct	49.4	0.0776	0.00712	0.000952	11.8	0.0358	4.48	0.000952	0.000952	0.00000476	0.00738	0.00125	0.0103	0.0179	0.00000476	15.8	0.0000151	0.000213	0.000175	0.000894	0.0511	0.00000952	1.13	1.91	0.0213	0.00041	4.12	0.00104	0.0514	0.000141	0.000077	0.0000495	0.0773	0.00000919	0.0000725	0.000346	0.00129	
2033 Nov	49.6	0.0828	0.00676	0.00096	12	0.0373	4.57	0.00096	0.00096	0.0000048	0.00755	0.00119	0.0105	0.0178	0.0000048	15.8	0.0000151	0.00021	0.000167	0.000909	0.0504	0.0000096	1.13	1.89	0.0193	0.000437	4.14	0.00103	0.0523	0.000121	0.000068	0.0000479	0.0767	0.00000192	0.0000747	0.000321	0.00126	
2033 Dec	49.6	0.083	0.00677	0.000961	12	0.0373	4.58	0.000961	0.000961	0.0000048	0.00756	0.00119	0.0105	0.0178	0.0000048	15.8	0.0000151	0.000211	0.000167	0.00091	0.0504	0.0000961	1.13	1.89	0.0193	0.000438	4.15	0.00103	0.0524	0.000121	0.000068	0.000048	0.0768	0.00000192	0.0000748	0.000321	0.00126	
2034 Jan	49.7	0.083	0.00678	0.000961	12	0.0373	4.58	0.000961	0.000961	0.0000048	0.00756	0.00119	0.0105	0.0178	0.0000048	15.8	0.0000151	0.000211	0.000167	0.00091	0.0505	0.0000961	1.13	1.89	0.0194	0.000438	4.15	0.00103	0.0524	0.000121	0.000068	0.000048	0.0769	0.00000192	0.0000749	0.000322	0.00126	
2034 Feb	49.7	0.0831	0.0068	0.000961	12	0.0373	4.59	0.000961	0.000961	0.0000048	0.00756	0.00119	0.0105	0.0179	0.0000048	15.9	0.0000151	0.000211	0.000168	0.000911	0.0506	0.0000961	1.13	1.9	0.0195	0.000438	4.15	0.00103	0.0524	0.000122	0.0000681	0.000048	0.077	0.00000192	0.0000749	0.000323	0.00126	
2034 Mar	49.8	0.0832	0.00682	0.000962	12	0.0373	4.6	0.000962	0.000962	0.00000481	0.00757	0.00119	0.0106	0.0179	0.00000481	15.9	0.0000151	0.000212	0.000169	0.000912	0.0507	0.0000962	1.14	1.9	0.0196	0.000438	4.16	0.00104	0.0525	0.000122	0.0000682	0.0000481	0.0772	0.00000192	0.000075	0.000324	0.00126	
2034 Apr	50.4	0.0842	0.00691	0.000973	12.2	0.0378	4.65	0.000973	0.000973	0.00000486	0.00766	0.00121	0.0107	0.0181	0.00000486	16.1	0.0000153	0.000214	0.000171	0.000923	0.0513	0.0000973	1.15	1.93	0.0199	0.000443	4.21	0.00105	0.0531	0.000124	0.0000691	0.0000487	0.0781	0.00000195	0.0000758	0.000328	0.00128	
2034 May	56.1	0.0867	0.00862	0.00101	13.5	0.0377	5.09	0.00101	0.00101	0.00000506	0.00787	0.0056	0.0109	0.021	0.00000506	18.4	0.0000164	0.000244	0.000222	0.000991	0.0592	0.0000101	1.28	2.25	0.0289	0.00044	4.69	0.00116	0.0556	0.000205	0.0000856	0.000058	0.0906	0.00000203	0.0000789	0.000429	0.00137	
2034 Jun	69.6	0.0608	0.016	0.00096	16.1	0.0231	5.6	0.00096	0.00096	0.0000048	0.00681	0.00179	0.0089	0.0303	0.0000048	24.8	0.0000195	0.000344	0.000435	0.00103	0.0859	0.0000096	1.63	3.33	0.0715	0.000229	5.74	0.00145	0.0526	0.000606	0.000188	0.0000939	0.13	0.00000192	0.0000687	0.000918	0.00169	
2034 Jul	63.3	0.0476	0.0142	0.00102	14	0.0244	4.9	0.00102	0.00102	0.00000511	0.00713	0.00216	0.00946	0.0267	0.00000511	21.9	0.0000202	0.000314	0.000364	0.000977	0.0783	0.0000102	1.5	2.9	0.0593	0.000203	5.17	0.00139	0.053	0.000499	0.000201	0.0000847	0.114	0.00000204	0.0000664	0.000825	0.00184	
2034 Aug	73.5	0.0549	0.0164	0.0012	16.3	0.0292	5.69	0.0012	0.0012	0.00000601	0.00833	0.00348	0.0112	0.0309	0.00000601	25.3	0.0000234	0.000363	0.000418	0.00114	0.0907	0.000012	1.75	3.35	0.0678	0.000241	6.01	0.00162	0.062	0.00057	0.000232	0.0000981	0.132	0.00000024	0.0000776	0.00945	0.00215	
2034 Sep	61.6	0.0579	0.0122	0.0011	13.9	0.0318	4.99	0.0011	0.0011	0.0000055	0.00775	0.00262	0.0107	0.0248	0.0000055	20.7	0.0000193	0.000291	0.000305	0.00102	0.0728	0.000011	1.46	2.66	0.0466	0.000292	5.09	0.00136	0.0567	0.000379	0.000168	0.0000766	0.106	0.0000022	0.0000732	0.00672	0.0018	
2034 Oct	50.8	0.0765	0.00758	0.000977	12.1	0.0361	4.58	0.000977	0.000977	0.00000489	0.00748	0.0014	0.0104	0.0187	0.00000489	16.4	0.0000155	0.000219	0.000187	0.000922	0.0538	0.0000977	1.17	1.99	0.0235	0.000403	4.25	0.00108	0.0526	0.000163	0.0000842	0.0000521	0.0805	0.00000195	0.0000734	0.000373	0.00134	
2034 Nov	51.1	0.0792	0.00745	0.000986	12.2	0.037	4.64	0.000986	0.000986	0.00000493	0.00759	0.00136	0.0105	0.0188	0.00000493	16.5	0.0000155	0.000219	0.000185	0.000932	0.0537	0.0000986	1.18	1.99	0.0227	0.000418	4.28	0.00108	0.0533	0.000155	0.0000806	0.0000516	0.0806	0.00000197	0.0000748	0.000363	0.00133	
2034 Dec	51.2	0.0794	0.00745	0.000987	12.2	0.037	4.65	0.000987	0.000987	0.00000493	0.00761	0.00136	0.0105	0.0188	0.00000493	16.5	0.0000155	0.000219	0.000185	0.000934	0.0537	0.0000987	1.18	1.99	0.0227	0.000418	4.28	0.00108	0.0534	0.000154	0.0000805	0.0000517	0.0807	0.00000197	0.0000749	0.000363	0.00133	
2035 Jan	51.2	0.0795	0.00746	0.000987	12.3	0.037	4.65	0.000987	0.000987	0.00000493	0.00761	0.00136	0.0105	0.0188	0.00000493	16.5	0.0000155	0.00022	0.000185	0.000934	0.0538	0.0000987	1.18	2	0.0228	0.000418	4.29	0.00108	0.0534	0.000155	0.0000805	0.0000517	0.0807	0.00000197	0.0000749	0.000364	0.00133	
2035 Feb	51.3	0.0795	0.00748	0.000987	12.3	0.037	4.66	0.000987	0.000987	0.00000494	0.00761	0.00137	0.0105	0.0188	0.00000494	16.5	0.0000156	0.00022	0.000186	0.000935	0.0539	0.0000987	1.18	2	0.0229	0.000418	4.29	0.00108	0.0534	0.000155	0.0000806	0.0000518	0.0809	0.00000197	0.000075	0.000365	0.00133	
2035 Mar	51.4	0.0796	0.0075	0.000988	12.3	0.037	4.66	0.000988	0.000988	0.00000494	0.00761	0.00137	0.0105	0.0189	0.00000494	16.5	0.0000156	0.00022	0.000186	0.000936	0.054	0.0000988	1.18	2	0.023	0.000419	4.3	0.00108	0.0534	0.000156	0.0000808	0.0000518	0.081	0.00000198	0.000075	0.000366	0.00133	
2035 Apr	51.9	0.0804	0.00759	0.000998	12.4	0.0374	4.71	0.000998	0.000998	0.00000499	0.00769	0.00138	0.0107	0.0191	0.00000499	16.7	0.0000157	0.000223	0.000188	0.000946	0.0546	0.0000998	1.19	2.03	0.0232	0.000423	4.35	0.00109	0.054	0.000157	0.0000816	0.0000524	0.0819	0.0000002	0.0000758	0.00037	0.00135	
2035 May	55.1	0.0844	0.00819	0.00105	13.2	0.039	4.99	0.00105	0.00105	0.00000523	0.00805	0.00391	0.0111	0.0204	0.00000523	17.8	0.0000166	0.000237	0.000205	0.000997	0.0582	0.0000105	1.27	2.17	0.0257	0.000441	4.61	0.00116	0.0567	0.000177	0.0000873	0.0000561	0.0875	0.00000209	0.0000795	0.000402	0.00142	
2035 Jun	47.1	0.0332	0.00987	0.00093	9.69	0.0214	3.39	0.00093	0.00093	0.00000465	0.00683	0.00129	0.0091	0.018	0.00000465	15.1	0.0000197	0.000242	0.000221	0.000748	0.0561	0.0000093	1.12	1.94	0.0351	0.000166	5.67	0.00111	0.0459	0.000281	0.00019	0.0000595	0.0777	0.00000186	0.0000559	0.000611	0.00178	
2035 Jul	44.3	0.023	0.00907	0.00102	8.36	0.022	2.9	0.00102	0.00102	0.0000051	0.0075	0.00185	0.01	0.0158	0.0000051	13.4	0.0000221	0.000235	0.000175	0.00072	0.0524	0.0000102	1.07	1.68	0.0275	0.000141	3.32	0.00112	0.0481	0.000213	0.000221	0.0000551	0.068	0.00000204	0.0000561	0.000592	0.00204	
2035 Aug	46.9	0.0244	0.00936	0.0011	8.95	0.0253	3.12	0.0011	0.0011	0.00000551	0.00794	0.00242	0.0109	0.0166	0.00000551	14.2	0.0000225	0.000245	0.000177	0.000778	0.0548	0.000011	1.13	1.76	0.0273	0.000166	3.56	0.00119	0.0515	0.000208	0.000225	0.0000582	0.0715	0.0000022	0.0000603	0.000591	0.00214	
2035 Sep	43.9	0.0432	0.00715	0.001	9.42	0.0312	3.43	0.001	0.001	0.00000502	0.00721	0.00168	0.0108	0.0151	0.00000502	13.4	0.0000166	0.000209	0.000137	0.000772	0.0461	0.00001	1.05	1.58	0.0178	0.000287	3.51	0.00104	0.0482	0.000115	0.000135	0.0000493	0.0656	0.00000201	0.0000621	0.000375	0.00163	
2035 Oct	44.5	0.0613	0.00623	0.000974	10.2	0.0348	3.82	0.000974	0.000974	0.00000487	0.00729	0.00145	0.0108	0.0152	0.00000487	13.7	0.0000151	0.000199	0.000128	0.000809	0.0444	0.0000974	1.04	1.59	0.0143	0.000368	3.63	0.000996	0.0492	0.0000777	0.0000937	0.0000451	0.0658	0.00000195	0.0000672	0.000297	0.00141	
2035 Nov	44.5	0.0712	0.00572	0.000948	10.5	0.0361	4	0.000948	0.000948	0.00000474	0.00732	0.00121	0.0107	0.0151	0.00000474	13.7	0.0000145	0.000192	0.000123	0.000825	0.0434	0.0000948	1.02	1.59	0.0126	0.000408	3.67	0.000964	0.0494	0.0000602	0.0000725	0.0000424	0.0656	0.00000119	0.0000696	0.000261	0.00129	
2035 Dec	44.6	0.0716	0.00572	0.000949	10.5	0.0362	4.02	0.000949	0.000949	0.00000475	0.00734	0.00121	0.0107	0.0152	0.00000475	13.8	0.0000145	0.000192	0.000124	0.000827	0.0435	0.00000949	1.03	1.59	0.0126	0.00041	3.68	0.000965	0.0496	0.0000599	0.0000721	0.0000425	0.0657	0.0000019	0.0000698	0.000261	0.00129	
2036 Jan	44.7	0.0717	0.00574	0.00095	10.6	0.0362	4.02	0.00095	0.00095	0.00000475	0.00734	0.00121	0.0107	0.0152	0.00000475	13.8	0.0000145	0.000193	0.000124	0.000828	0.0436	0.0000095	1.03	1.6	0.0127	0.00041	3.69	0.000966	0.0496	0.0000605	0.0000721	0.0000425	0.0659	0.0000019	0.0000698	0.000262	0.00129	
2036 Feb	44.8	0.0718	0.0057	0.00095	10.6	0.0362	4.03	0.00095	0.00095	0.00000475	0.00734	0.00121	0.0107	0.0153	0.00000475	13.8	0.0000145	0.000193	0.000125	0.000829	0.0438	0.0000095	1.03	1.6	0.0129	0.00041	3.7	0.000968	0.0496	0.0000614	0.0000723	0.0000426	0.0662	0.0000019	0.0000699	0.000264	0.00129	
2036 Mar	44.9	0.0718	0.0058	0.00095	10.6	0.0362	4.04	0.00095	0.00095	0.00000475	0.00734	0.00121	0.0107	0.0153	0.00000475	13.9	0.0000145	0.000194	0.000126	0.00083	0.0439	0.0000095	1.03	1.61	0.013	0.00041	3.7	0.000969	0.0496	0.0000062	0.0000724	0.0000427	0.0663	0.0000019	0.0000699	0.000265	0.00129	
2036 Apr	45.5	0.0728	0.0059	0.000962	10.8	0.0367	4.1	0.000962	0.000962	0.00000481	0.00743	0.00295	0.0108	0.0156	0.00000481	14.1	0.0000147	0.000197	0.000129	0.000842	0.0446	0.00000962	1.05	1.63	0.0134	0.000415	3.76	0.000983	0.0503	0.0000636	0.0000734	0.0000433	0.0674	0.00000192	0.0000708	0.00027	0.00131	
2036 May	48.2	0.0769	0.00628	0.00101	11.4	0.0386	4.33	0.00101	0.00101	0.00000506	0.00782	0.00772	0.0114	0.0165	0.00000506	14.9	0.0000155	0.000208	0.000138	0.000888	0.0472	0.0000101	1.11	1.73	0.0145	0.000437	3.98	0.00104	0.053	0.0000694	0.0000775	0.0000458	0.0715	0.00000202	0.0000746	0.000288	0.00138	
2036 Jun	43	0.0392	0.00762	0.000967	8.8	0.026	3.17	0.000967	0.000967	0.00000483	0.00729	0.00181	0.01	0.015	0.00000483	13	0.0000192	0.000214	0.000151	0.000733	0.0476	0.00000967	1.02	1.59	0.0213	0.000228	3.32	0.00104	0.0473	0.000148	0.000166	0.0000485	0.0648	0.00000193	0.0000593	0.000465	0.00174	
2036 Jul	40.1	0.0215	0.00754	0.00102	7.38	0.0239	2.61	0.00102	0.00102	0.00000511	0.0075	0.00163	0.0102	0.0135	0.00000511	11.6	0.0000211	0.000209	0.000128	0.0006	0.0463	0.0000102	0.972	1.41	0.0188	0.000156	2.99	0.00105	0.0475	0.000133	0.000206	0.0000474	0.0579	0.00000204	0.0000553	0.000492	0.00199	
2036 Aug	45.2	0.0239	0.00845	0.00116	8.39	0.0277	2.97	0.00116	0.00116	0.0000058	0.00841	0.00266	0.0115	0.0152	0.0000058	13.1	0.0000233	0.000234	0.000144	0.000788	0.0524	0.0000116	1.1	1.59	0.0208	0.00018	3.4	0.00119	0.0538	0.000148	0.000228	0.0000537	0.0655	0.00000232	0.0000626	0.000542	0.00223	
2036 Sep	44.2	0.0274	0.00788	0.00112	8.52	0.0294	3.06	0.00112	0.00112	0.00000562	0.008	0.00264	0.0113	0.015	0.00000562	13	0.0000209	0.000221	0.000135	0.000787	0.0502	0.0000112	1.08	1.56	0.0188	0.000209	3.41	0.00114	0.0523	0.00013	0.000198	0.0000517	0.0643	0.00000225	0.0000621	0.000474	0.00205	
2036 Oct	43.1	0.0442	0.00668	0.00104	9.12	0.0324	3.39	0.00104	0.00104	0.00000519	0.00753	0.00176	0.0108	0.0146	0.00000519	12.9	0.0000175	0.0002	0.000124	0.000796	0.0464	0.0000104	1.03	1.52	0.015	0.000288	3.45	0.00104	0.0503	0.0000928	0.000139	0.0000464	0.0629	0.00000207	0.0000641	0.00036	0.00168	
2036 Nov	43.3	0.0498	0.00643	0.00102	9.37	0.0333	3.51	0.00102	0.00102	0.00000511	0.00751	0.00158	0.0107	0.0147	0.00000511	13	0.0000169	0.000197	0.000123	0.000805	0.0458	0.0000102	1.03	1.53	0.0142	0.000312	3.49	0.00103	0.0504	0.0000843	0.000125	0.0000453	0.0632	0.00000204	0.0000654	0.000338	0.00161	
2036 Dec	43.4	0.0522	0.00633	0.00102	9.48	0.0336	3.56	0.00102	0.00102	0.00000508	0.

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2039 Dec	117	0.0485	0.113	0.00256	38	0.041	22.1	0.00107	0.00107	0.00000539	0.00669	0.00116	0.0183	0.0146	0.00000544	16.2	0.0000145	0.000205	0.000128	0.000958	0.0479	0.0000111	1.11	3.65	0.0165	0.000366	22.8	0.00182	0.0488	0.000101	0.000155	0.0000661	0.0705	0.00000219	0.000087	0.000289	0.00162	0.000000159
2040 Jan	117	0.0486	0.113	0.00256	38.1	0.0409	22.1	0.00107	0.00107	0.00000539	0.00669	0.00116	0.0183	0.0147	0.00000544	16.2	0.0000146	0.000206	0.000128	0.000959	0.0479	0.0000111	1.11	3.65	0.0165	0.000366	22.8	0.00182	0.0488	0.000101	0.000155	0.0000661	0.0706	0.00000219	0.000087	0.000289	0.00162	0.00000016
2040 Feb	117	0.0487	0.113	0.00257	38.1	0.0409	22.1	0.00107	0.00107	0.00000539	0.00669	0.00116	0.0183	0.0147	0.00000544	16.3	0.0000146	0.000206	0.000129	0.000959	0.048	0.0000111	1.11	3.66	0.0166	0.000366	22.9	0.00182	0.0488	0.000102	0.000155	0.0000662	0.0707	0.00000219	0.000087	0.00029	0.00162	0.000000161
2040 Mar	117	0.0488	0.114	0.00257	38.2	0.041	22.1	0.00108	0.00108	0.0000054	0.0067	0.00116	0.0184	0.0147	0.00000545	16.3	0.0000146	0.000206	0.000129	0.000962	0.0481	0.0000112	1.11	3.67	0.0167	0.000367	22.9	0.00183	0.0489	0.000102	0.000155	0.0000664	0.0709	0.00000219	0.0000872	0.000291	0.00162	0.000000162
2040 Apr	118	0.0492	0.114	0.00259	38.5	0.0413	22.3	0.00108	0.00108	0.00000544	0.00675	0.00117	0.0185	0.0149	0.00000549	16.4	0.0000147	0.000208	0.000131	0.000969	0.0485	0.0000113	1.12	3.69	0.0169	0.00037	23.1	0.00184	0.0493	0.000103	0.000156	0.0000669	0.0715	0.00000221	0.0000879	0.000294	0.00164	0.000000163
2040 May	125	0.0547	0.119	0.00266	40.6	0.0417	23.3	0.00111	0.00111	0.00000556	0.00696	0.00125	0.019	0.0171	0.00000562	18.4	0.0000156	0.000233	0.000169	0.00103	0.0543	0.0000115	1.23	4.02	0.0236	0.000383	24.1	0.00195	0.0512	0.000161	0.000166	0.0000742	0.0815	0.00000226	0.0000919	0.000368	0.00169	0.000000167
2040 Jun	104	0.0536	0.0753	0.00181	29.8	0.0239	15.1	0.000943	0.000943	0.00000473	0.00647	0.0013	0.0132	0.025	0.00000476	22.6	0.0000197	0.000317	0.000354	0.000961	0.0729	0.00000948	1.45	3.91	0.0588	0.000234	15.7	0.00173	0.0472	0.000483	0.000214	0.0000911	0.113	0.00000192	0.0000749	0.000806	0.00175	0.000000202
2040 Jul	98.4	0.0489	0.0665	0.00179	27.2	0.0253	13.6	0.00104	0.00104	0.00000523	0.00726	0.00134	0.0137	0.0244	0.00000525	22	0.0000221	0.000322	0.000334	0.000975	0.0733	0.0000105	1.47	3.69	0.0553	0.000226	14.2	0.00173	0.0512	0.00045	0.000237	0.0000894	0.11	0.00000211	0.0000764	0.000816	0.00199	0.000000163
2040 Aug	100	0.0485	0.067	0.00187	27.6	0.0281	14	0.00112	0.00112	0.0000056	0.00771	0.0014	0.0146	0.0247	0.00000562	22.3	0.0000228	0.000328	0.000329	0.00102	0.0749	0.0000113	1.51	3.76	0.0539	0.000243	14.5	0.00181	0.0545	0.000436	0.000245	0.0000911	0.111	0.00000226	0.0000804	0.000811	0.0021	0.000000123
2040 Sep	105	0.0509	0.0769	0.002	30.2	0.0313	16.6	0.0011	0.0011	0.00000551	0.00753	0.00135	0.0162	0.0227	0.00000555	21.5	0.0000211	0.000311	0.000287	0.000999	0.0684	0.0000113	1.44	3.86	0.0462	0.000291	16.4	0.00185	0.0531	0.00036	0.000225	0.0000873	0.104	0.00000222	0.0000838	0.000701	0.00199	7.07E-08
2040 Oct	112	0.0559	0.0867	0.00214	33	0.0333	18.9	0.0011	0.0011	0.00000551	0.00757	0.00134	0.0175	0.022	0.00000554	21.6	0.0000206	0.000308	0.000272	0.00101	0.0662	0.0000114	1.42	4.06	0.0433	0.00033	18.3	0.00192	0.0531	0.000329	0.000217	0.0000869	0.102	0.00000222	0.0000881	0.000658	0.00195	5.39E-08
2040 Nov	113	0.0568	0.0879	0.00216	33.4	0.0337	19.2	0.00111	0.00111	0.00000554	0.00763	0.00135	0.0177	0.0221	0.00000558	21.7	0.0000207	0.00031	0.000273	0.00102	0.0664	0.0000115	1.43	4.1	0.0433	0.000336	18.5	0.00194	0.0535	0.000328	0.000217	0.0000874	0.103	0.00000223	0.0000891	0.000658	0.00196	0.000000053
2040 Dec	113	0.057	0.0881	0.00217	33.5	0.0338	19.2	0.00111	0.00111	0.00000555	0.00763	0.00135	0.0177	0.0221	0.00000559	21.7	0.0000207	0.00031	0.000273	0.00102	0.0665	0.0000115	1.43	4.11	0.0433	0.000336	18.6	0.00194	0.0536	0.000327	0.000217	0.0000874	0.103	0.00000224	0.0000892	0.000658	0.00196	5.42E-08
2041 Jan	113	0.057	0.0882	0.00217	33.5	0.0338	19.3	0.00111	0.00111	0.00000555	0.00763	0.00135	0.0177	0.0221	0.00000559	21.8	0.0000207	0.00031	0.000273	0.00102	0.0665	0.0000115	1.43	4.11	0.0433	0.000337	18.6	0.00194	0.0536	0.000328	0.000217	0.0000875	0.103	0.00000224	0.0000892	0.000658	0.00196	5.52E-08
2041 Feb	113	0.0571	0.0883	0.00217	33.6	0.0338	19.3	0.00111	0.00111	0.00000555	0.00763	0.00135	0.0177	0.0222	0.00000559	21.8	0.0000207	0.00031	0.000273	0.00102	0.0665	0.0000115	1.43	4.11	0.0434	0.000337	18.6	0.00194	0.0536	0.000328	0.000217	0.0000875	0.103	0.00000224	0.0000893	0.000659	0.00196	5.59E-08
2041 Mar	113	0.0572	0.0884	0.00217	33.6	0.0339	19.3	0.00111	0.00111	0.00000556	0.00765	0.00135	0.0178	0.0222	0.0000056	21.8	0.0000208	0.000311	0.000274	0.00102	0.0667	0.0000115	1.43	4.12	0.0435	0.000337	18.6	0.00194	0.0537	0.000329	0.000218	0.0000877	0.103	0.00000224	0.0000894	0.00066	0.00196	5.61E-08
2041 Apr	114	0.0575	0.0889	0.00219	33.8	0.0341	19.4	0.00111	0.00111	0.00000559	0.00769	0.00136	0.0179	0.0224	0.00000563	22	0.0000209	0.000313	0.000276	0.00103	0.0671	0.0000116	1.44	4.14	0.0438	0.000339	18.7	0.00196	0.054	0.000331	0.000219	0.0000882	0.104	0.00000225	0.0000899	0.000664	0.00197	5.64E-08
2041 May	120	0.0605	0.0955	0.0023	35.9	0.0353	20.9	0.00114	0.00114	0.00000571	0.00788	0.00139	0.0188	0.0229	0.00000576	22.7	0.0000214	0.000322	0.000282	0.00106	0.0686	0.0000119	1.48	4.36	0.0448	0.000357	20	0.00204	0.0553	0.000337	0.000224	0.0000911	0.107	0.00000223	0.0000937	0.000678	0.00201	5.49E-08
2041 Jun	106	0.0411	0.0932	0.00218	31.4	0.0277	19.5	0.000986	0.000986	0.00000495	0.00712	0.00102	0.0173	0.0146	0.00000499	16	0.0000211	0.000251	0.000163	0.000797	0.0476	0.0000102	1.09	3.47	0.0257	0.000267	18.5	0.00175	0.045	0.000172	0.000227	0.0000678	0.0714	0.00000201	0.0000787	0.000528	0.00192	0.000000161
2041 Jul	62.7	0.0195	0.0433	0.00147	16	0.0222	9.24	0.00095	0.00095	0.00000476	0.00693	0.000867	0.0125	0.0113	0.00000478	11.2	0.0000208	0.000203	0.000108	0.000641	0.0404	0.00000959	0.888	1.99	0.0165	0.000155	9.06	0.00125	0.0424	0.000108	0.000219	0.0000493	0.0522	0.00000192	0.0000586	0.000467	0.00194	9.82E-08
2041 Aug	67.8	0.0217	0.045	0.00159	17.2	0.0262	9.95	0.00107	0.00107	0.00000534	0.00763	0.000987	0.0139	0.0128	0.00000536	12.6	0.0000222	0.000223	0.000119	0.00073	0.0454	0.0000108	0.999	2.19	0.0179	0.000184	9.64	0.00138	0.0476	0.000118	0.000233	0.000055	0.0588	0.00000215	0.0000654	0.000495	0.00211	8.49E-08
2041 Sep	71.7	0.0267	0.0486	0.00165	18.8	0.0294	11.4	0.00107	0.00107	0.00000538	0.00754	0.00102	0.0147	0.0133	0.0000054	13.3	0.0000207	0.000223	0.00012	0.000767	0.0456	0.000011	1.03	2.39	0.0174	0.000228	10.5	0.00144	0.0483	0.000109	0.000215	0.0000569	0.0615	0.00000216	0.0000693	0.000453	0.00203	5.52E-08
2041 Oct	83.7	0.0395	0.0629	0.00182	23.6	0.0329	15.4	0.00104	0.00104	0.00000523	0.00737	0.00104	0.0164	0.0135	0.00000526	14.5	0.000019	0.000225	0.000121	0.00081	0.0446	0.0000108	1.04	2.86	0.0166	0.000304	13.4	0.00156	0.048	0.0000937	0.00019	0.0000592	0.0645	0.0000021	0.0000771	0.000398	0.00185	0.000000034
2041 Nov	86.5	0.0419	0.0657	0.00187	24.6	0.0337	16.2	0.00105	0.00105	0.00000527	0.00744	0.00105	0.0168	0.0137	0.0000053	14.8	0.0000191	0.000228	0.000122	0.000826	0.045	0.0000109	1.06	2.96	0.0167	0.000318	14	0.0016	0.0485	0.0000929	0.000189	0.0000601	0.0657	0.0000212	0.0000791	0.000397	0.00185	3.48E-08
2041 Dec	86.8	0.0421	0.066	0.00187	24.7	0.0337	16.2	0.00105	0.00105	0.00000527	0.00745	0.00105	0.0169	0.0138	0.00000531	14.9	0.0000191	0.000228	0.000122	0.000827	0.0451	0.0000109	1.06	2.97	0.0168	0.000319	14	0.0016	0.0486	0.000093	0.000189	0.0000602	0.0658	0.0000212	0.0000792	0.000397	0.00185	3.65E-08
2042 Jan	86.9	0.0422	0.0662	0.00187	24.7	0.0338	16.2	0.00105	0.00105	0.00000527	0.00745	0.00106	0.0169	0.0138	0.00000531	14.9	0.0000191	0.000228	0.000123	0.000828	0.0451	0.0000109	1.06	2.97	0.0168	0.000319	14.1	0.0016	0.0486	0.0000932	0.000189	0.0000603	0.0659	0.0000212	0.0000793	0.000398	0.00185	3.75E-08
2042 Feb	87	0.0423	0.0663	0.00188	24.7	0.0338	16.3	0.00105	0.00105	0.00000528	0.00745	0.00106	0.0169	0.0138	0.00000531	14.9	0.0000191	0.000229	0.000123	0.000829	0.0452	0.0000109	1.06	2.98	0.0169	0.000319	14.1	0.00161	0.0486	0.0000936	0.000189	0.0000603	0.066	0.0000213	0.0000793	0.000399	0.00185	3.81E-08
2042 Mar	87.2	0.0424	0.0664	0.00188	24.8	0.0338	16.3	0.00105	0.00105	0.00000528	0.00746	0.00106	0.0169	0.0138	0.00000532	14.9	0.0000192	0.000229	0.000124	0.00083	0.0453	0.0000109	1.07	2.98	0.017	0.00032	14.1	0.00161	0.0487	0.000094	0.00019	0.0000605	0.0662	0.0000213	0.0000795	0.0004	0.00185	3.85E-08
2042 Apr	88.4	0.043	0.0673	0.0019	25.1	0.0343	16.5	0.00107	0.00107	0.00000535	0.00757	0.00107	0.0171	0.0141	0.00000539	15.2	0.0000194	0.000232	0.000126	0.000842	0.0459	0.0000111	1.08	3.03	0.0173	0.000324	14.3	0.00163	0.0494	0.0000955	0.000192	0.0000613	0.0672	0.0000216	0.0000805	0.000406	0.00188	3.91E-08
2042 May	95.8	0.0475	0.074	0.00204	27.5	0.0364	18.2	0.00112	0.00112	0.0000056	0.00793	0.00114	0.0183	0.015	0.00000564	16.3	0.0000203	0.000247	0.000137	0.000895	0.0487	0.0000116	1.15	3.3	0.0189	0.000352	15.7	0.00175	0.0519	0.000105	0.0002	0.0000656	0.072	0.0000226	0.0000862	0.000428	0.00195	3.77E-08
2042 Jun	93.6	0.0392	0.0765	0.00196	26.7	0.0287	17.4	0.000995	0.000995	0.00000499	0.00723	0.000994	0.0166	0.0135	0.00000503	14.7	0.0000206	0.000235	0.000136	0.000778	0.0447	0.0000102	1.03	3.1	0.0205	0.000272	15.5	0.00163	0.0454	0.000127	0.000213	0.0000618	0.0655	0.0000202	0.0000766	0.000471	0.00189	0.000000135
2042 Jul	72.2	0.0245	0.0521	0.00162	19	0.0259	11.9	0.000989	0.000989	0.00000495	0.00702	0.000943	0.0139	0.0123	0.00000498	12.5	0.0000202	0.00021	0.000118	0.000715	0.0432	0.0000101	0.954	2.38	0.0177	0.000197	10.9	0.00139	0.0444	0.000117	0.000213	0.0000542	0.0576	0.000002	0.0000653	0.000453	0.00192	0.000000104
2042 Aug	94.8	0.0362	0.0779	0.00198	27.5	0.0349	19.3	0.000975	0.000975	0.00000489	0.0062	0.00102	0.0173	0.0131	0.00000494	14.8	0.0000144	0.000208	0.000116	0.000808	0.0412	0.0000101	1.02	3.22	0.0161	0.000327	16	0.00165	0.0427	0.0000894	0.000157	0.0000623	0.0642	0.0000198	0.0000767	0.000304	0.00158	0.000000131
2042 Sep	105	0.0494	0.0863	0.00209	31.2	0.0403	22.5	0.000974	0.000974	0.00000489	0.00609	0.00106	0.0196	0.0138	0.00000494	16.4	0.0000119	0.000221	0.000117	0.000851	0.0394	0.0000102	1.08	3.63	0.0152	0.000432	17.9	0.00177	0.0427	0.0000638	0.000124	0.000067	0.0696	0.0000198	0.0000847	0.000233	0.00141	0.000000109
2042 Oct	110	0.0623	0.0903	0.00214	33	0.0421	24.1	0.000961	0.000961	0.00000482	0.00631	0.00107	0.0203	0.0142	0.00000488	17.1	0.0000121	0.000226	0.000119	0.000884	0.0395	0.0000102	1.1	3.83	0.0147	0.000486	18.8	0.00181	0.0438	0.000053	0.00011	0.0000669	0.072	0.0000196	0.0000905	0.000219	0.00133	0.000000102
2042 Nov	111	0.0639	0.0919	0.00217	33.5	0.0426	24.4	0.00097	0.00097	0.00000487	0.00639	0.00108	0.0205	0.0143	0.00000493	17.4	0.0000123	0.000228	0.000121	0.000895	0.0399	0.0000103	1.11	3.88	0.0149	0.000494	19.1	0.00183	0.0443	0.0000534	0.000111	0.0000675	0.0729	0.0000198	0.0000917	0.000222	0.00134	0.00000011
2042 Dec	112	0.0641	0.0922	0.00217	33.6	0.0426	24.5	0.00097	0.00097	0.00000488	0.0064	0.00108	0.0205	0.0144	0.00000493	17.4	0.0000123	0.000228	0.000121	0.000897	0.04	0.0000103	1.11	3.88	0.0149	0.000495	19.2	0.00184	0.0444	0.0000535	0.000111	0.0000676	0.073	0.0000198	0.0000919	0.000222	0.00135	0.000000112
2043 Jan	112	0.0642	0.0923	0.00218	33.7	0.0426	24.5	0.000972	0.000972	0.00000488	0.00641	0.00108	0.0205	0.0144	0.00000493	17.4	0.0000123	0.000229	0.000122	0.000897	0.04	0.0000103	1.11	3.89	0.015	0.000495	19.2	0.00184	0.0444	0.0000538	0.000111	0.0000677	0.0731	0.0000198	0.0000919	0.000223	0.00135	0.000000113
2043 Feb	112	0.0642	0.0924	0.00218	33.7	0.0426	24.5	0.000972	0.000972	0.00000488	0.00641	0.00108	0.0205	0.0144	0.00000494	17.4	0.0000123	0.000229	0.000122	0.000898	0.0401	0.0000103	1.11	3.89	0.0151	0.000495	19.2	0.00184	0.0444	0.0000543	0.000111	0.0000677	0.0732	0.0000198	0.000092	0.000224	0.00135	0.000000114
2043 Mar	112	0.0643	0.0925	0.00218	33.7	0.0426	24.5	0.000972	0.000972	0.00000488	0.00641	0.00108	0.0205	0.0144	0.00000494	17.4	0.0000123	0.000229	0.000123	0.000899	0.0402	0.0000103	1.11	3.9	0.0151	0.000495	19.2	0.00184	0.0444	0.0000546	0.000111	0.0000678	0.0733	0.0000198	0.000092	0.000225	0.00135	0.000000114
2043 Apr	114	0.0652	0.0937	0.00221	34.2	0.0432	24.8	0.000985	0.000985	0.00000495	0.00649	0.0011	0.0208	0.0146	0.000005	17.7	0.0000125	0.000232	0.000124	0.000911	0.0408	0.0000104	1.13	3.95	0.0154	0.000502	19.5	0.00186	0.045	0.0000556	0.000113	0.0000687	0.0744	0.0000201	0.0000932	0.000228	0.00136	0.000000116
2043 May	121	0.0702	0.0988	0.00231	36.4	0.0446	26.2	0.00103	0.00103	0.00000519	0.00685	0.00119	0.0217	0.0166	0.00000525	19.5	0.0000136	0.000256	0.000155	0.000979	0.0462	0.0000109	1.23	4.29	0.0206	0.000522	20.6	0.00199	0.0479	0.0000985	0.000124	0.0000757	0.0834	0.0000211	0.0000987	0.000289	0.00145	0.00000012
2043 Jun	104	0.0569	0.0675	0.00172	28.2	0.0259	16.8	0.00096	0.00096	0.00000481	0.00669	0.00134	0.0145	0.0255	0.00000485	23.5	0.0000199	0.00033	0.000358	0.000989	0.0736	0.00000981	1.49	4.15	0.0593	0.000275	14.5	0.00182	0.0486	0.000479	0.000212	0.0000939	0.116	0.00000195	0.0000801	0.000804	0.00176	0.000000134
2043 Jul	99.6	0.053	0.0583	0.00172	25.9	0.0284	15	0.0011	0.0011	0.00000552	0.00769	0.00143	0.015	0.0262	0.00000555	23.7	0.0000227	0.000343	0.000354	0.00105	0.0776	0.0000112	1.57	4	0.0582	0.000269	13.1	0.00186	0.0548	0.000471	0.00024	0.0000954	0.118	0.00000222	0.0000833	0.000843	0.00205	0.000000094
2043 Aug	106	0.0553	0.0616	0.00186	27.4	0.0326	16.4	0.0012	0.0012	0.00000603	0.00829	0.00155	0.0167	0.0271	0.00000606	24.8	0.0000236	0.000359	0.000356	0.00112	0.0805	0.0000123	1.66	4.23	0.058	0.000305	13.9	0.002	0.059	0.000463	0.00025	0.0001	0.122	0.00000243	0.0000903	0.000848	0.0022	8.45E-08
2043 Sep	107	0.0547	0.0668	0.00192	28.3	0.0346	18.6	0.00116	0.00116	0.00000583	0.00793	0.00146	0.0178	0.0244	0.00000586	23.3	0.0000216	0.000334	0.000306	0.00107	0.0721	0.000012	1.54	4.22	0.0491	0.000341	14.8	0.002	0.0561	0.000377	0.000227	0.0000942	0.112	0.00000235	0.0000912	0.000724	0.00205	6.99E-08
2043 Oct	123	0.0687	0.0889	0.00219	34.2	0.0384	25.2	0.0011	0.0011	0.00000552	0.00775	0.0014	0.0207	0.0216	0.00000557	22.8	0.00002	0.000314	0.000257	0.00107	0.0631	0.0000115	1.44	4.7	0.0396	0.000438	18.8	0.00214	0.0535	0.000279	0.000198	0.0000897	0.104	0.00000223	0.000101	0.000589	0.00183	9.95E-08
2043 Nov	133	0.0798	0.103	0.00238	38.1	0.0411	29.3	0.00106	0.00106	0.0000053	0.00766	0.00137	0.0224	0.0198	0.00000537	22.4	0.000019	0.000299	0.000225	0.00107	0.0571	0.0000111	1.37	4.98	0.033	0.000506	21.4	0.00222	0.052	0.000211	0.000175	0.0000859	0.098	0.00000215	0.000108	0.000496	0.00167	0.000000132
2043 Dec	134	0.08	0.103	0.00238	38.2	0.0411	29.3	0.00106	0.00106	0.00000531	0.00766	0.00138	0.0224	0.0198	0.00000537	22.3	0.0000191	0.000299	0.000225	0.00107	0.0571	0.0000111	1.37	4.98	0.033	0.000506	21.4	0.00222	0.052	0.000211	0.000175	0.0000859	0.098	0.00000216	0.000108	0.000496	0.00167	0.000000136
2044 Jan	134	0.0801	0.103	0.00238	38.2	0.0411	29.3	0.00106	0.00106	0.00000531	0.00766	0.00138	0.0223	0.0198	0.00000538	22.4	0.0000191	0.0003	0.000225	0.00107	0.0572	0.0000111	1.37	4.98	0.0331	0.000506	21.4	0.00222	0.052	0.000211	0.000175	0.0000859	0.0982	0.00000216	0.000108	0.000497	0.00167	0.000000137
2044 Feb	134	0.0802	0.104	0.00238	38.2	0.0411	29.3	0.00106	0.00106	0.00000531	0.00767	0.00138	0.0224	0.0199	0.00000538	22.4	0.0000191	0.0003	0.000226	0.00107	0.0573	0.0000111	1.38	4.99	0.0333	0.000507	21.4	0.00222	0.0521	0.000212	0.000176	0.0000861	0.0984	0.00000216	0.000108	0.000499	0.00167	0.000000137
2044 Mar	134	0.0804	0.104	0.00239	38.3	0.0412	29.4	0.00106	0.00106	0.00000533	0.00769	0.00139	0.0224	0.02	0.00000539	22.5	0.0000191	0.000301	0.000227	0.00107	0.0575	0.0000112	1.38	5	0.0334	0.000508	21.5	0.00223	0.0522	0.000213	0.000176	0.0000863	0.0988	0.00000216	0.000109	0.0005	0.00167	0.000000138
2044 Apr	135	0.0809	0.104	0.0024	38.6	0.0415	29.5	0.00107	0.00107	0.00000536	0.00773	0.00139	0.0225	0.0201	0.00000542	22.6	0.0000192	0.000303	0.000229	0.00108	0.0579	0.0000112	1.39	5.03	0.0337	0.000511	21.6	0.00224	0.0525	0.000214	0.000177	0.0000868	0.0994	0.00000218	0.000109	0.000504	0.00168	0.000000139
2044 May	141	0.0845	0.109	0.0025	40.2	0.0432	30.8	0.00111	0.00111	0.00000558	0

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2047 Jun	109	0.0576	0.0547	0.00159	25.7	0.0265	18.5	0.00099	0.00099	0.00000497	0.00662	0.00143	0.015	0.0279	0.00000501	25.5	0.0000202	0.00035	0.000405	0.00108	0.0789	0.00000952	1.63	4.57	0.067	0.000283	12.3	0.00198	0.0482	0.000549	0.000217	0.000104	0.127	0.00000201	0.0000866	0.000873	0.00175	6.66E-08
2047 Jul	114	0.0613	0.0547	0.0017	26.8	0.0294	19.3	0.00113	0.00113	0.00000568	0.00775	0.0016	0.0166	0.0309	0.00000572	28.1	0.0000237	0.000392	0.000444	0.00119	0.0888	0.0000112	1.8	4.94	0.0735	0.000303	12.6	0.00217	0.0562	0.000602	0.000254	0.000113	0.14	0.00000229	0.0000949	0.000987	0.00207	5.42E-08
2047 Aug	122	0.066	0.0577	0.00184	28.6	0.0333	20.8	0.00126	0.00126	0.0000063	0.00857	0.00175	0.0183	0.0333	0.00000634	30.4	0.0000256	0.000425	0.000471	0.0013	0.0959	0.0000125	1.96	5.32	0.0778	0.000341	13.5	0.00235	0.0622	0.000634	0.000274	0.000123	0.151	0.00000254	0.000104	0.00105	0.00228	5.16E-08
2047 Sep	103	0.0594	0.0477	0.00161	24.2	0.034	19.4	0.00113	0.00113	0.00000568	0.00779	0.0015	0.0177	0.0269	0.00000572	25.5	0.0000214	0.000357	0.000357	0.00112	0.0775	0.0000116	1.64	4.56	0.0576	0.00036	11.5	0.00206	0.056	0.000452	0.000222	0.000101	0.123	0.00000229	0.0000945	0.000795	0.00197	2.29E-08
2047 Oct	108	0.0685	0.0568	0.00169	26	0.0373	24.4	0.00105	0.00105	0.00000528	0.00754	0.00136	0.0199	0.0229	0.00000533	23.7	0.0000195	0.000322	0.000285	0.00107	0.0655	0.0000111	1.47	4.75	0.0442	0.000445	13.1	0.00211	0.0529	0.00032	0.000187	0.0000914	0.109	0.00000213	0.000101	0.00062	0.00173	3.48E-08
2047 Nov	112	0.073	0.0619	0.00176	27.3	0.0386	26.3	0.00104	0.00104	0.00000522	0.00757	0.00133	0.0208	0.0221	0.00000527	23.5	0.0000192	0.000316	0.000268	0.00107	0.0629	0.0000111	1.44	4.88	0.0409	0.000477	14	0.00215	0.0526	0.000286	0.000178	0.0000897	0.106	0.00000211	0.000104	0.000578	0.00167	4.91E-08
2047 Dec	112	0.0732	0.0623	0.00177	27.5	0.0387	26.4	0.00104	0.00104	0.00000522	0.00758	0.00133	0.0208	0.0221	0.00000528	23.5	0.0000192	0.000316	0.000268	0.00108	0.0629	0.0000111	1.44	4.88	0.0409	0.000478	14.1	0.00215	0.0526	0.000286	0.000178	0.0000897	0.106	0.00000211	0.000104	0.000578	0.00167	0.000000051
2048 Jan	112	0.0733	0.0625	0.00177	27.5	0.0387	26.5	0.00104	0.00104	0.00000522	0.00758	0.00133	0.0208	0.0221	0.00000528	23.5	0.0000192	0.000316	0.000268	0.00108	0.0629	0.000011	1.44	4.89	0.041	0.000478	14.1	0.00215	0.0526	0.000286	0.000179	0.0000898	0.106	0.00000211	0.000104	0.000579	0.00167	5.17E-08
2048 Feb	113	0.0735	0.0626	0.00177	27.6	0.0387	26.5	0.00104	0.00104	0.00000523	0.00758	0.00134	0.0208	0.0222	0.00000529	23.5	0.0000192	0.000317	0.000269	0.00108	0.0631	0.000011	1.45	4.9	0.0411	0.000479	14.1	0.00216	0.0527	0.000287	0.000179	0.0000899	0.107	0.00000212	0.000104	0.00058	0.00167	0.000000052
2048 Mar	113	0.0735	0.0627	0.00178	27.6	0.0387	26.5	0.00104	0.00104	0.00000523	0.00758	0.00134	0.0208	0.0222	0.00000529	23.6	0.0000192	0.000317	0.00027	0.00108	0.0631	0.000011	1.45	4.9	0.0412	0.000479	14.1	0.00216	0.0527	0.000287	0.000179	0.0000899	0.107	0.00000212	0.000104	0.000581	0.00167	5.23E-08
2048 Apr	114	0.0743	0.0633	0.00179	27.9	0.0391	26.8	0.00105	0.00105	0.00000528	0.00766	0.00135	0.021	0.0224	0.00000534	23.8	0.0000194	0.00032	0.000273	0.00109	0.0638	0.0000111	1.46	4.95	0.0417	0.000484	14.3	0.00218	0.0532	0.00029	0.000181	0.0000909	0.108	0.00000214	0.000105	0.000588	0.00169	5.29E-08
2048 May	119	0.0776	0.0661	0.00187	29.1	0.0409	28	0.0011	0.0011	0.00000552	0.008	0.00141	0.022	0.0234	0.00000558	24.9	0.0000203	0.000335	0.000285	0.00114	0.0667	0.0000116	1.53	5.18	0.0436	0.000505	14.9	0.00228	0.0556	0.000303	0.000189	0.000095	0.113	0.00000223	0.00011	0.000614	0.00177	5.52E-08
2048 Jun	89.5	0.0425	0.0479	0.0016	20.1	0.03	17.9	0.001	0.001	0.00000504	0.0071	0.00107	0.0166	0.0159	0.00000508	16.6	0.0000199	0.000252	0.000179	0.000855	0.0489	0.00000978	1.16	3.35	0.027	0.000303	10.4	0.00171	0.0449	0.000183	0.000199	0.0000689	0.0764	0.00000203	0.0000819	0.000508	0.00179	5.81E-08
2048 Jul	60.1	0.0182	0.0245	0.00132	11.6	0.0243	7.98	0.00104	0.00104	0.00000522	0.00736	0.000937	0.0127	0.0125	0.00000524	11.9	0.0000218	0.000215	0.000123	0.00071	0.0434	0.00000991	0.991	1.94	0.0182	0.000162	5.72	0.0013	0.0444	0.000124	0.000225	0.0000533	0.0574	0.00000221	0.0000629	0.000497	0.00204	2.96E-08
2048 Aug	60.8	0.0212	0.0252	0.00134	12.4	0.0291	9.65	0.00107	0.00107	0.00000534	0.00727	0.00101	0.0138	0.0132	0.00000536	12.9	0.0000196	0.000215	0.00012	0.00076	0.0446	0.0000105	1.03	2.17	0.0172	0.000218	6.2	0.00136	0.0465	0.00011	0.000202	0.0000558	0.0607	0.00000214	0.0000666	0.000433	0.00195	2.57E-08
2048 Sep	68.3	0.0304	0.0315	0.00139	15	0.0336	14	0.00103	0.00103	0.00000518	0.00692	0.00103	0.0159	0.0135	0.00000552	14.2	0.0000168	0.000218	0.000118	0.000795	0.0428	0.0000105	1.04	2.67	0.016	0.000306	7.64	0.0015	0.0458	0.0000887	0.00017	0.0000591	0.0641	0.00000208	0.0000735	0.000354	0.00175	2.67E-08
2048 Oct	82.1	0.0447	0.0425	0.00151	18.8	0.0372	20.2	0.001	0.001	0.00000502	0.00692	0.00105	0.0185	0.0138	0.00000506	15.9	0.0000161	0.000227	0.000121	0.00085	0.0421	0.0000105	1.07	3.4	0.0159	0.000397	9.84	0.0017	0.046	0.0000743	0.000154	0.0000632	0.0685	0.00000202	0.0000851	0.00032	0.00161	3.37E-08
2048 Nov	87.8	0.0506	0.0466	0.00157	20.3	0.0388	22.6	0.001	0.001	0.00000502	0.00703	0.00107	0.0197	0.0141	0.00000507	16.7	0.0000162	0.000234	0.000124	0.00088	0.0424	0.0000106	1.09	3.69	0.0161	0.000434	10.7	0.00181	0.0467	0.0000704	0.000151	0.0000653	0.0708	0.00000203	0.0000903	0.000314	0.00158	3.56E-08
2048 Dec	88.1	0.0509	0.0469	0.00157	20.4	0.0389	22.7	0.001	0.001	0.00000503	0.00704	0.00107	0.0197	0.0141	0.00000508	16.7	0.0000162	0.000234	0.000124	0.000882	0.0425	0.0000106	1.1	3.7	0.0161	0.000435	10.7	0.00181	0.0468	0.0000705	0.000151	0.0000654	0.071	0.00000203	0.0000905	0.000314	0.00158	3.66E-08
2049 Jan	88.3	0.051	0.047	0.00158	20.4	0.0389	22.7	0.001	0.001	0.00000503	0.00704	0.00107	0.0197	0.0142	0.00000508	16.7	0.0000162	0.000234	0.000125	0.000882	0.0426	0.0000106	1.1	3.71	0.0162	0.000436	10.8	0.00181	0.0468	0.0000709	0.000151	0.0000655	0.0711	0.00000203	0.0000906	0.000315	0.00158	3.71E-08
2049 Feb	88.4	0.051	0.0471	0.00158	20.5	0.0389	22.7	0.001	0.001	0.00000503	0.00705	0.00107	0.0197	0.0142	0.00000508	16.8	0.0000162	0.000234	0.000126	0.000883	0.0427	0.0000106	1.1	3.71	0.0163	0.000436	10.8	0.00181	0.0468	0.0000714	0.000151	0.0000655	0.0712	0.00000203	0.0000906	0.000316	0.00158	3.74E-08
2049 Mar	88.6	0.0512	0.0472	0.00158	20.5	0.0389	22.7	0.001	0.001	0.00000504	0.00706	0.00107	0.0197	0.0143	0.00000509	16.8	0.0000163	0.000235	0.000126	0.000885	0.0428	0.0000106	1.1	3.72	0.0164	0.000437	10.8	0.00182	0.0469	0.0000719	0.000151	0.0000657	0.0715	0.00000204	0.0000908	0.000317	0.00158	3.76E-08
2049 Apr	89.5	0.0517	0.0477	0.0016	20.7	0.0393	23	0.00101	0.00101	0.00000509	0.00713	0.00109	0.0199	0.0144	0.00000514	17	0.0000164	0.000238	0.000128	0.000895	0.0433	0.0000107	1.11	3.76	0.0166	0.000441	10.9	0.00184	0.0474	0.0000729	0.000153	0.0000664	0.0723	0.00000206	0.0000917	0.000321	0.0016	0.000000038
2049 May	93.8	0.0544	0.0499	0.00167	21.7	0.0411	24.1	0.00106	0.00106	0.00000531	0.00745	0.00114	0.0209	0.0151	0.00000537	17.8	0.0000172	0.000249	0.000135	0.000937	0.0454	0.0000112	1.17	3.95	0.0176	0.000462	11.4	0.00192	0.0495	0.0000781	0.000159	0.0000696	0.0759	0.00000215	0.0000961	0.000337	0.00167	3.87E-08
2049 Jun	76.8	0.0296	0.0383	0.00146	16.1	0.0273	14.5	0.000966	0.000966	0.00000485	0.00669	0.000923	0.0149	0.0127	0.00000488	13.4	0.0000189	0.000215	0.000129	0.000749	0.0408	0.00000914	1	2.67	0.0188	0.000246	8.3	0.0015	0.0407	0.000118	0.000192	0.0000582	0.0613	0.00000195	0.000072	0.00043	0.00175	0.00000005
2049 Jul	60.6	0.0179	0.0242	0.00131	11.5	0.0243	8.42	0.00102	0.00102	0.00000509	0.00707	0.000905	0.0126	0.0121	0.00000511	11.7	0.0000208	0.000207	0.000118	0.000701	0.0417	0.00000953	0.97	1.94	0.0173	0.000166	5.62	0.00129	0.0425	0.000117	0.000214	0.0000525	0.0559	0.00000204	0.0000625	0.000469	0.00195	2.65E-08
2049 Aug	68.7	0.0209	0.0269	0.00149	13.1	0.0288	9.66	0.00118	0.00118	0.00000591	0.00817	0.00106	0.0146	0.0141	0.00000592	13.6	0.0000237	0.000239	0.000136	0.000816	0.0485	0.0000112	1.12	2.25	0.0198	0.000198	6.38	0.00148	0.0497	0.000132	0.000244	0.0000606	0.0649	0.00000237	0.0000723	0.000532	0.00225	2.73E-08
2049 Sep	68.6	0.03	0.0279	0.0014	13.8	0.0319	13.3	0.00109	0.00109	0.00000547	0.00765	0.00105	0.0158	0.0138	0.00000555	14.2	0.0000204	0.00023	0.000126	0.000817	0.0457	0.0000109	1.08	2.63	0.0175	0.000277	6.88	0.00153	0.0485	0.000104	0.000204	0.0000596	0.065	0.0000022	0.0000759	0.000437	0.00197	0.000000016
2049 Oct	80.4	0.048	0.0374	0.00147	17.4	0.036	19.7	0.00103	0.00103	0.00000516	0.00751	0.00106	0.0183	0.014	0.0000052	15.9	0.0000188	0.000233	0.000126	0.000869	0.0442	0.0000107	1.08	3.37	0.0165	0.000387	8.9	0.00172	0.0485	0.0000814	0.000173	0.0000621	0.0689	0.00000208	0.0000875	0.000374	0.00173	0.000000024
2049 Nov	84.5	0.053	0.0408	0.00152	18.6	0.0372	21.2	0.00103	0.00103	0.00000515	0.00757	0.00107	0.019	0.0143	0.00000519	16.4	0.0000188	0.000237	0.000129	0.000891	0.0445	0.0000107	1.1	3.55	0.0166	0.000414	9.57	0.00177	0.0489	0.0000784	0.000168	0.0000632	0.0706	0.00000208	0.0000909	0.000367	0.00169	3.17E-08
2049 Dec	85	0.0533	0.0412	0.00152	18.7	0.0373	21.3	0.00103	0.00103	0.00000515	0.00758	0.00107	0.019	0.0143	0.0000052	16.5	0.0000188	0.000237	0.000129	0.000893	0.0445	0.0000107	1.1	3.56	0.0166	0.000416	9.65	0.00178	0.049	0.0000785	0.000168	0.0000634	0.0708	0.00000208	0.0000912	0.000367	0.0017	3.33E-08
2050 Jan	85.2	0.0535	0.0414	0.00153	18.8	0.0373	21.3	0.00103	0.00103	0.00000515	0.00759	0.00107	0.019	0.0143	0.0000052	16.5	0.0000188	0.000238	0.00013	0.000894	0.0446	0.0000107	1.1	3.57	0.0168	0.000417	9.68	0.00178	0.049	0.000079	0.000168	0.0000635	0.071	0.00000208	0.0000913	0.000368	0.0017	3.38E-08
2050 Feb	85.4	0.0536	0.0415	0.00153	18.8	0.0373	21.3	0.00103	0.00103	0.00000516	0.00759	0.00107	0.019	0.0144	0.0000052	16.5	0.0000188	0.000238	0.00013	0.000895	0.0448	0.0000107	1.11	3.58	0.0169	0.000417	9.7	0.00178	0.0491	0.0000798	0.000168	0.0000635	0.0712	0.00000208	0.0000914	0.00037	0.0017	3.41E-08
2050 Mar	85.5	0.0536	0.0415	0.00153	18.8	0.0373	21.3	0.00103	0.00103	0.00000516	0.00759	0.00107	0.019	0.0144	0.0000052	16.6	0.0000188	0.000238	0.000131	0.000896	0.0448	0.0000107	1.11	3.58	0.017	0.000417	9.72	0.00178	0.0491	0.0000802	0.000168	0.0000636	0.0713	0.00000208	0.0000914	0.000371	0.0017	3.43E-08
2050 Apr	86.2	0.054	0.0419	0.00154	19	0.0376	21.5	0.00104	0.00104	0.0000052	0.00764	0.00108	0.0192	0.0146	0.00000524	16.7	0.0000189	0.00024	0.000132	0.000903	0.0452	0.0000108	1.12	3.61	0.0172	0.00042	9.79	0.0018	0.0495	0.0000812	0.00017	0.0000641	0.072	0.00000221	0.0000921	0.000374	0.00171	3.46E-08
2050 May	89.7	0.0563	0.0436	0.0016	19.8	0.039	22.5	0.00107	0.00107	0.00000538	0.00792	0.00112	0.0199	0.0152	0.00000543	17.4	0.0000196	0.00025	0.000139	0.000938	0.047	0.0000112	1.16	3.77	0.0181	0.000437	10.2	0.00187	0.0513	0.0000858	0.000176	0.0000668	0.075	0.00000217	0.0000958	0.000389	0.00177	3.53E-08
2050 Jun	82.1	0.0368	0.0393	0.00146	17.1	0.0283	17.2	0.000976	0.000976	0.00000493	0.00695	0.000997	0.0161	0.0145	0.00000494	15.4	0.0000198	0.000237	0.000116	0.000811	0.0458	0.0000952	1.09	3.16	0.0239	0.000282	8.71	0.00164	0.0433	0.0000158	0.000198	0.0000645	0.0703	0.00000198	0.0000787	0.000482	0.00177	4.02E-08
2050 Jul	59.8	0.0188	0.0239	0.00126	11.4	0.0246	9.17	0.000981	0.000981	0.00000492	0.00677	0.000905	0.0125	0.0123	0.00000494	11.9	0.0000195	0.000202	0.000122	0.000703	0.0419	0.00000935	0.958	2.05	0.0179	0.000175	5.63	0.00129	0.0419	0.000123	0.000202	0.0000525	0.0566	0.00000197	0.0000622	0.000449	0.00185	2.46E-08
2050 Aug	62.2	0.0197	0.0241	0.00134	12	0.0283	9.87	0.00107	0.00107	0.00000539	0.00733	0.00101	0.0135	0.0136	0.00000541	13	0.0000204	0.000215	0.00013	0.000779	0.0464	0.0000105	1.04	2.22	0.0189	0.000198	5.93	0.00139	0.0467	0.000131	0.000212	0.0000568	0.0619	0.00000216	0.0000673	0.000465	0.00199	2.28E-08
2050 Sep	63.3	0.0243	0.0246	0.00132	12.6	0.0312	11.9	0.00106	0.00106	0.00000531	0.00715	0.00104	0.0145	0.0137	0.00000533	13.7	0.0000186	0.000214	0.000127	0.000802	0.0459	0.0000106	1.04	2.47	0.0178	0.000247	6.25	0.00145	0.0471	0.0000116	0.000192	0.0000577	0.0634	0.00000213	0.0000707	0.000412	0.00187	1.71E-08
2050 Oct	66	0.0274	0.0259	0.00136	13.3	0.0327	13	0.00108	0.00108	0.00000539	0.0073	0.00106	0.0151	0.0141	0.00000542	14.2	0.0000187	0.000219	0.000129	0.000829	0.0468	0.0000108	1.07	2.61	0.0179	0.00027	6.59	0.0015	0.0483	0.0000115	0.00019	0.0000593	0.0654	0.00000217	0.0000739	0.000409	0.00188	1.78E-08
2050 Nov	66.6	0.0279	0.0261	0.00137	13.4	0.033	13.1	0.00109	0.00109	0.00000544	0.00737	0.00108	0.0153	0.0143	0.00000547	14.4	0.0000189	0.000221	0.00013	0.000838	0.0472	0.0000109	1.08	2.64	0.0181	0.000273	6.65	0.00151	0.0488	0.0000116	0.000192	0.0000598	0.0661	0.00000219	0.0000746	0.000412	0.00189	1.79E-08
2050 Dec	66.7	0.028	0.0262	0.00137	13.5	0.0331	13.1	0.00109	0.00109	0.00000545	0.00738	0.00108	0.0153	0.0143	0.00000548	14.4	0.0000189	0.000221	0.000131	0.000839	0.0473	0.0000109	1.08	2.64	0.0181	0.000274	6.66	0.00152	0.0488	0.0000116	0.000192	0.0000599	0.0662	0.00000219	0.0000748	0.000413	0.0019	1.81E-08
2051 Jan	66.8	0.0281	0.0263	0.00137	13.5	0.0331	13.1	0.00109	0.00109	0.00000545	0.00739	0.00108	0.0153	0.0143	0.00000548	14.4	0.0000189	0.000221	0.000131	0.00084	0.0473	0.0000109	1.08	2.64	0.0181	0.000274	6.68	0.00152	0.0488	0.0000116	0.000192	0.0000599	0.0663	0.00000219	0.0000748	0.000413	0.0019	1.83E-08
2051 Feb	66.9	0.0282	0.0263	0.00137	13.5	0.0331	13.1	0.00109	0.00109	0.00000545	0.00739	0.00108	0.0153	0.0143	0.00000548	14.4	0.0000189	0.000222	0.000131	0.000841	0.0474	0.000011	1.08	2.65	0.0182	0.000274	6.69	0.00152	0.0489	0.0000116	0.000192	0.00006	0.0664	0.00000219	0.0000749	0.000414	0.0019	1.84E-08
2051 Mar	67	0.0282	0.0264	0.00137	13.5	0.0331	13.2	0.00109	0.00109	0.00000546	0.0074	0.00108	0.0153	0.0144	0.00000549	14.5	0.0000189	0.000222	0.000132	0.000842	0.0475	0.000011	1.09	2.65	0.0183	0.000275	6.7	0.00152	0.0489	0.0000117	0.000192	0.0000601	0.0666	0.00000219	0.000075	0.000415	0.0019	1.85E-08
2051 Apr	67.8	0.0286	0.0267	0.00139	13.7	0.0335	13.3	0.0011	0.0011	0.00000552	0.00748	0.00109	0.0155	0.0145	0.00000555	14.6	0.0000192	0.000224	0.000134	0.000852	0.048	0.0000111	1.1	2.68	0.0185	0.000278	6.78	0.00154	0.0495	0.0000118	0.000194	0.0000608	0.0673	0.00000222	0.00007	0.00042	0.00192	1.87E-08
2051 May	78.6	0.0329	0.0328	0.0015	16	0.0354	17.4	0.00113	0.00113	0.00000569	0.00773	0.00117	0.0175	0.0161	0.00000573	16.7	0.0000202	0.000249	0.00016	0.00092	0.0522	0.0000116	1.19	3.3	0.0232	0.000313	8.03	0.00176	0.0515	0.0000152	0.000208	0.0000692	0.076	0.00000229	0.0000843	0.00047	0.00199	0.000000021
2051 Jun	82.3	0.0285	0.0368	0.0014	16.3	0.0246	15.8	0.000944	0.000944	0.00000474	0.0064	0.00099	0.0147	0.0157	0.00000477	15.8	0.0000194	0.000243	0.000195	0.000795	0.0488	0.00000881	1.12	3.12	0.0311	0.000218	8.03	0.00162	0.0401	0.000231	0.000208	0.000069	0.0749	0.00000191	0.000073	0.000555	0.00176	3.95E-08
2051 Jul	73.9	0.0218	0.0297	0.00142	13.7	0.0254	11.7	0.00104	0.00104	0.00000524	0.00711	0.000969	0.014	0.0141	0.00000527	13.8	0.0000214	0.000231	0.000166	0.000775	0.0462	0.0000955	1.09	2.49	0.0238	0.000188	6.63	0.00149	0.0428	0.00017	0.000224	0.0000622	0.0661	0.00000211	0.0000701	0.000531	0.00198	2.96E-08
2051 Aug	65.9	0.0224	0.0247	0.00131	12.7	0.0292	12.2	0.00104	0.00104	0.00000524	0.00704	0.00102	0.0146	0.0142	0.00000526	14.1	0.0000192	0.000226	0.000142	0.000786	0.0462	0.0000103	1.07	2.55	0.021	0.000232	6.12	0.00148	0.0453	0.000143	0.000202	0.0000609	0.0659	0.0000021	0.0000701	0.000457	0.0019	1.76E-08
2051 Sep	72.1	0.0377	0.0288	0.00133	14.8	0.0337	15.8	0.00101	0.00101	0.00000505	0.00691	0.00104	0.0163	0.0144	0.00000508	15.2	0.000017	0.000226	0.000136	0.000826	0.0443	0.0000102	1.08	2.95	0.0189	0.000334	7.18	0.00157	0.0455	0.000111	0.000165	0.0000618	0.0687	0.00000203	0.0000779	0.000376	0.00168	2.43E-08
2051 Oct	84.2	0.0691	0.0339	0.00139	17.9	0.0389	19.9	0.000951	0.000951	0.00000478	0.00703	0.00102	0.0176	0.0148	0.00000482	16.6	0.0000155	0.000221	0.000137	0.000913	0.0421	0.00000939	1.1	3.39	0.016	0.000474	8.45	0.00165	0.0457	0.0000724	0.00011	0.0000601	0.0726	0.00000193	0.0000918	0.000291	0.00

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2054 Dec	82.8	0.0478	0.0295	0.00132	16.2	0.0378	22.3	0.000999	0.000999	0.00000502	0.00687	0.00114	0.0191	0.0166	0.00000506	18.4	0.000016	0.000253	0.000172	0.00092	0.0488	0.0000105	1.19	3.88	0.0246	0.000421	7.66	0.00185	0.0472	0.00149	0.000155	0.0000725	0.0812	0.00000202	0.00009	0.00039	0.00157	0.000000019
2055 Jan	83	0.048	0.0297	0.00132	16.3	0.0378	22.3	0.001	0.001	0.00000502	0.00687	0.00114	0.0191	0.0167	0.00000507	18.4	0.000016	0.000253	0.000173	0.000922	0.0489	0.0000105	1.19	3.89	0.0248	0.000421	7.69	0.00185	0.0472	0.00015	0.000155	0.0000726	0.0815	0.00000203	0.0000901	0.000392	0.00157	1.94E-08
2055 Feb	83.2	0.0481	0.0298	0.00132	16.3	0.0378	22.3	0.001	0.001	0.00000502	0.00687	0.00115	0.0191	0.0168	0.00000507	18.5	0.0000161	0.000254	0.000174	0.000923	0.0491	0.0000105	1.2	3.9	0.025	0.000421	7.71	0.00185	0.0473	0.00152	0.000155	0.0000727	0.0818	0.00000203	0.0000901	0.000394	0.00158	1.95E-08
2055 Mar	83.4	0.0482	0.0299	0.00132	16.4	0.0378	22.3	0.001	0.001	0.00000502	0.00688	0.00115	0.0191	0.0168	0.00000507	18.5	0.0000161	0.000254	0.000175	0.000925	0.0493	0.0000105	1.2	3.91	0.0251	0.000422	7.72	0.00186	0.0473	0.00152	0.000156	0.0000729	0.082	0.00000203	0.0000902	0.000396	0.00158	1.96E-08
2055 Apr	84.1	0.0486	0.0301	0.00133	16.5	0.0381	22.5	0.00101	0.00101	0.00000506	0.00694	0.00116	0.0193	0.017	0.00000511	18.7	0.0000162	0.000257	0.000177	0.000933	0.0497	0.0000106	1.21	3.94	0.0254	0.000425	7.79	0.00187	0.0477	0.00154	0.000157	0.0000735	0.0828	0.00000204	0.000091	0.0004	0.00159	1.98E-08
2055 May	87.2	0.0504	0.0312	0.00138	17.1	0.0395	23.3	0.00105	0.00105	0.00000525	0.00719	0.0012	0.02	0.0176	0.0000053	19.4	0.0000168	0.000266	0.000184	0.000968	0.0516	0.0000111	1.26	4.09	0.0264	0.000441	8.08	0.00194	0.0495	0.00016	0.000163	0.0000763	0.0859	0.00000212	0.0000944	0.000415	0.00165	2.05E-08
2055 Jun	73.8	0.0269	0.027	0.0013	13.1	0.0274	15.7	0.000966	0.000966	0.00000485	0.00668	0.000933	0.0155	0.0133	0.00000488	14.1	0.0000191	0.000223	0.000141	0.000764	0.0424	0.00000922	1.03	2.87	0.021	0.00025	6.27	0.00156	0.041	0.000136	0.000198	0.0000612	0.0644	0.00000195	0.0000739	0.000453	0.00177	1.98E-08
2055 Jul	64.4	0.0189	0.021	0.00129	10.9	0.0254	10.2	0.00104	0.00104	0.00000524	0.00724	0.000936	0.0136	0.0129	0.00000526	12.7	0.0000214	0.00022	0.000131	0.000742	0.0437	0.00000975	1.03	2.22	0.0195	0.000184	5.07	0.0014	0.0435	0.000132	0.000222	0.000057	0.0604	0.0000021	0.0000673	0.000495	0.002	1.27E-08
2055 Aug	65.1	0.0197	0.0201	0.00136	11.1	0.0283	10.2	0.00114	0.00114	0.00000569	0.00785	0.00103	0.0145	0.014	0.00000571	13.6	0.0000226	0.000234	0.000137	0.000802	0.0476	0.0000108	1.1	2.3	0.0201	0.000201	5.13	0.00148	0.0481	0.000136	0.000234	0.0000602	0.0646	0.00000228	0.0000713	0.000516	0.00216	1.07E-08
2055 Sep	57.8	0.0227	0.0158	0.00123	10.2	0.0303	9.59	0.00109	0.00109	0.00000547	0.00749	0.00103	0.0141	0.0137	0.00000549	13.3	0.0000199	0.000222	0.000124	0.000784	0.0456	0.0000108	1.06	2.2	0.0175	0.000235	4.58	0.00138	0.0478	0.000111	0.000202	0.0000569	0.0628	0.00000219	0.0000689	0.000438	0.00198	5.34E-09
2055 Oct	58.6	0.0262	0.0156	0.00123	10.5	0.0316	10.3	0.00109	0.00109	0.00000548	0.00755	0.00104	0.0145	0.0139	0.0000055	13.7	0.0000196	0.000224	0.000125	0.000801	0.0458	0.0000109	1.07	2.29	0.0172	0.000259	4.66	0.00141	0.0485	0.000105	0.000195	0.0000574	0.064	0.00000222	0.000071	0.000425	0.00195	4.47E-09
2055 Nov	59.1	0.0272	0.0156	0.00123	10.6	0.032	10.5	0.0011	0.0011	0.0000055	0.00759	0.00105	0.0147	0.014	0.00000552	13.9	0.0000196	0.000225	0.000125	0.000807	0.046	0.0000109	1.08	2.33	0.0171	0.000266	4.7	0.00142	0.0488	0.000104	0.000194	0.0000577	0.0645	0.00000221	0.0000719	0.000423	0.00195	4.29E-09
2055 Dec	59.1	0.0275	0.0156	0.00123	10.6	0.0321	10.5	0.0011	0.0011	0.0000055	0.0076	0.00105	0.0147	0.0141	0.00000552	13.9	0.0000196	0.000225	0.000125	0.000809	0.046	0.0000109	1.08	2.33	0.0171	0.000267	4.7	0.00142	0.0489	0.000104	0.000194	0.0000577	0.0646	0.00000221	0.000072	0.000423	0.00195	4.27E-09
2056 Jan	59.2	0.0276	0.0156	0.00124	10.6	0.0321	10.5	0.0011	0.0011	0.0000055	0.0076	0.00105	0.0147	0.0141	0.00000552	13.9	0.0000196	0.000225	0.000126	0.00081	0.0461	0.0000109	1.08	2.33	0.0172	0.000268	4.71	0.00142	0.0489	0.000104	0.000194	0.0000578	0.0648	0.00000221	0.0000721	0.000424	0.00195	4.26E-09
2056 Feb	59.3	0.0277	0.0156	0.00124	10.6	0.0321	10.6	0.0011	0.0011	0.00000551	0.0076	0.00106	0.0147	0.0141	0.00000553	13.9	0.0000196	0.000226	0.000127	0.000811	0.0462	0.0000109	1.08	2.34	0.0174	0.000268	4.72	0.00142	0.0489	0.000105	0.000194	0.0000578	0.065	0.00000221	0.0000721	0.000425	0.00195	4.26E-09
2056 Mar	59.4	0.0278	0.0157	0.00124	10.7	0.0321	10.6	0.0011	0.0011	0.00000551	0.00761	0.00106	0.0147	0.0142	0.00000553	14	0.0000197	0.000226	0.000127	0.000812	0.0464	0.0000111	1.09	2.34	0.0175	0.000268	4.73	0.00143	0.049	0.000106	0.000194	0.0000578	0.0652	0.00000221	0.0000722	0.000426	0.00195	4.27E-09
2056 Apr	60	0.0281	0.0158	0.00125	10.8	0.0324	10.7	0.00111	0.00111	0.00000557	0.00769	0.00107	0.0149	0.0144	0.00000559	14.1	0.0000199	0.000229	0.000129	0.000821	0.0469	0.0000111	1.1	2.37	0.0178	0.000271	4.78	0.00144	0.0495	0.000107	0.000196	0.0000586	0.0659	0.00000223	0.0000773	0.000431	0.00197	4.31E-09
2056 May	72.2	0.0376	0.0209	0.00128	13.7	0.0323	13.7	0.00111	0.00111	0.00000554	0.00765	0.00122	0.0156	0.019	0.00000556	18.2	0.0000204	0.000274	0.000215	0.000924	0.0584	0.0000111	1.29	3.15	0.033	0.000294	5.98	0.00165	0.0515	0.000241	0.000206	0.0000739	0.0869	0.00000223	0.0000798	0.000571	0.00196	7.96E-09
2056 Jun	89	0.0477	0.0292	0.00122	18.2	0.0238	13.4	0.000966	0.000966	0.00000485	0.00639	0.00135	0.0125	0.0271	0.00000487	23.8	0.0000195	0.000332	0.000394	0.00101	0.0772	0.00000914	1.57	3.91	0.0652	0.000229	7.52	0.00175	0.0467	0.000543	0.000209	0.0000997	0.121	0.00000195	0.0000766	0.000859	0.00173	0.000000016
2056 Jul	89.9	0.0475	0.0277	0.00131	18.3	0.0265	12.7	0.00109	0.00109	0.00000545	0.00723	0.00146	0.0133	0.0284	0.00000547	24.7	0.0000217	0.00035	0.000401	0.00108	0.0821	0.0000104	1.66	3.94	0.0661	0.000236	7.45	0.00182	0.0524	0.00055	0.000232	0.000101	0.126	0.00000219	0.000081	0.000902	0.00196	1.21E-08
2056 Aug	82.8	0.0434	0.0238	0.00127	16.8	0.0296	12.8	0.00111	0.00111	0.00000558	0.00731	0.00145	0.0138	0.0268	0.0000056	23.6	0.0000206	0.000331	0.000361	0.00107	0.0787	0.000011	1.59	3.79	0.0588	0.000255	6.87	0.00179	0.054	0.000485	0.000221	0.0000955	0.119	0.00000224	0.0000806	0.000811	0.00196	7.41E-09
2056 Sep	85.8	0.0464	0.0242	0.00132	17.3	0.0326	14.2	0.00116	0.00116	0.00000583	0.00765	0.00151	0.015	0.0272	0.00000586	24.3	0.0000209	0.00034	0.00036	0.00112	0.0799	0.0000116	1.64	3.98	0.0581	0.000291	7.1	0.00188	0.0565	0.000473	0.000222	0.0000979	0.121	0.00000234	0.0000857	0.000802	0.00201	6.65E-09
2056 Oct	85.8	0.0506	0.0245	0.00127	16.7	0.0349	18.7	0.00108	0.00108	0.00000544	0.00733	0.00139	0.0169	0.0239	0.00000547	22.9	0.000019	0.000312	0.000302	0.00106	0.0697	0.0000111	1.49	4.18	0.0475	0.000358	7.11	0.00192	0.0533	0.000368	0.000193	0.0000903	0.11	0.00000219	0.0000901	0.000658	0.0018	6.77E-09
2056 Nov	87.5	0.0533	0.0255	0.00128	17	0.036	20.3	0.00107	0.00107	0.00000538	0.00733	0.00137	0.0177	0.0232	0.00000542	22.8	0.0000187	0.000308	0.000289	0.00106	0.0676	0.0000111	1.46	4.29	0.045	0.000383	7.29	0.00196	0.053	0.000342	0.000187	0.0000891	0.107	0.00000217	0.0000927	0.000625	0.00176	8.38E-09
2056 Dec	87.7	0.0535	0.0256	0.00128	17	0.0361	20.3	0.00107	0.00107	0.00000538	0.00734	0.00137	0.0177	0.0232	0.00000542	22.8	0.0000187	0.000308	0.000289	0.00107	0.0676	0.0000111	1.47	4.3	0.045	0.000385	7.32	0.00196	0.0531	0.000341	0.000187	0.0000892	0.108	0.00000217	0.0000929	0.000625	0.00176	8.73E-09
2057 Jan	87.8	0.0536	0.0257	0.00129	17	0.0361	20.4	0.00107	0.00107	0.00000538	0.00735	0.00137	0.0177	0.0232	0.00000542	22.8	0.0000188	0.000308	0.000289	0.00107	0.0677	0.0000111	1.47	4.3	0.045	0.000385	7.34	0.00196	0.0531	0.000341	0.000187	0.0000892	0.108	0.00000217	0.0000931	0.000626	0.00176	8.87E-09
2057 Feb	88	0.0537	0.0258	0.00129	17.1	0.0361	20.4	0.00107	0.00107	0.00000538	0.00735	0.00137	0.0177	0.0233	0.00000542	22.8	0.0000188	0.000309	0.00029	0.00107	0.0678	0.0000111	1.47	4.31	0.0451	0.000385	7.35	0.00197	0.0531	0.000342	0.000187	0.0000893	0.108	0.00000217	0.0000933	0.000627	0.00176	8.94E-09
2057 Mar	88.2	0.0539	0.0258	0.00129	17.1	0.0362	20.5	0.00108	0.00108	0.0000054	0.00736	0.00138	0.0178	0.0234	0.00000544	22.9	0.0000188	0.00031	0.000291	0.00107	0.068	0.0000111	1.47	4.32	0.0453	0.000386	7.37	0.00197	0.0533	0.000343	0.000188	0.0000895	0.108	0.00000217	0.0000933	0.000629	0.00176	8.97E-09
2057 Apr	89.1	0.0544	0.0261	0.0013	17.3	0.0365	20.7	0.00109	0.00109	0.00000545	0.00744	0.00139	0.018	0.0236	0.00000549	23.1	0.000019	0.000313	0.000294	0.00108	0.0687	0.0000113	1.49	4.37	0.0458	0.00039	7.45	0.00199	0.0538	0.000347	0.000189	0.0000905	0.109	0.00000222	0.0000943	0.000636	0.00178	9.06E-09
2057 May	94.5	0.0583	0.0276	0.00135	18.2	0.0382	22.7	0.00112	0.00112	0.00000563	0.00772	0.00145	0.0191	0.0248	0.00000567	24.5	0.0000198	0.00033	0.000311	0.00113	0.0719	0.0000117	1.56	4.71	0.0486	0.000417	7.86	0.00212	0.0559	0.000367	0.000197	0.0000956	0.115	0.00000227	0.0000999	0.000667	0.00183	8.56E-09
2057 Jun	75.4	0.0322	0.0249	0.00122	13.9	0.0246	13.7	0.000966	0.000966	0.00000485	0.00668	0.00109	0.0138	0.0184	0.00000487	17.4	0.00002	0.000264	0.000237	0.00084	0.0562	0.00000929	1.22	3.13	0.0381	0.00022	6.15	0.00159	0.0437	0.000296	0.000211	0.0000734	0.085	0.00000195	0.0000725	0.000629	0.00181	0.000000015
2057 Jul	67.2	0.0259	0.0199	0.00124	12	0.0254	10.6	0.00106	0.00106	0.0000053	0.00741	0.00109	0.0135	0.0171	0.0000532	15.9	0.0000221	0.000258	0.000203	0.000824	0.0548	0.0000102	1.19	2.66	0.0321	0.000195	5.24	0.0015	0.0473	0.000245	0.000231	0.000068	0.0778	0.00000213	0.0000702	0.000617	0.00204	8.76E-09
2057 Aug	79	0.0307	0.0231	0.00147	14.1	0.0307	12.4	0.00126	0.00126	0.00000633	0.00881	0.0013	0.016	0.0203	0.00000635	18.9	0.000026	0.000305	0.000238	0.000983	0.0651	0.0000122	1.41	3.14	0.0376	0.000235	6.17	0.00178	0.0565	0.000285	0.000271	0.0000805	0.0923	0.00000254	0.0000834	0.000723	0.00242	9.82E-09
2057 Sep	80.3	0.0324	0.0228	0.00149	14.3	0.0327	13.7	0.00129	0.00129	0.00000646	0.009	0.00133	0.017	0.0205	0.00000648	19.3	0.0000261	0.00031	0.000236	0.00101	0.0655	0.0000126	1.43	3.29	0.0368	0.000261	6.23	0.00184	0.058	0.000275	0.000271	0.0000819	0.0935	0.00000259	0.0000868	0.000711	0.00244	8.38E-09
2057 Oct	81.5	0.0348	0.0226	0.00142	14	0.0338	17.4	0.00123	0.00123	0.00000615	0.00867	0.00129	0.0184	0.0193	0.00000619	19.3	0.0000247	0.000301	0.000218	0.000992	0.0617	0.0000123	1.37	3.63	0.0337	0.000302	6.23	0.00192	0.0561	0.000241	0.000256	0.0000805	0.0903	0.00000247	0.0000904	0.00065	0.00229	6.04E-09
2057 Nov	82.1	0.0362	0.0226	0.00142	14.1	0.0343	18	0.00122	0.00122	0.00000614	0.00869	0.00129	0.0186	0.0193	0.00000618	19.4	0.0000246	0.000301	0.000216	0.000997	0.0614	0.0000123	1.37	3.7	0.0333	0.000313	6.26	0.00194	0.0563	0.000236	0.000254	0.0000806	0.0904	0.00000247	0.0000916	0.000642	0.00228	5.73E-09
2057 Dec	82.1	0.0365	0.0226	0.00142	14.1	0.0344	18	0.00123	0.00123	0.00000614	0.00871	0.00129	0.0186	0.0193	0.00000618	19.4	0.0000247	0.000301	0.000216	0.000999	0.0615	0.0000124	1.37	3.7	0.0333	0.000314	6.27	0.00194	0.0563	0.000236	0.000254	0.0000806	0.0905	0.00000247	0.0000917	0.000642	0.00228	5.72E-09
2058 Jan	82.1	0.0366	0.0226	0.00142	14.1	0.0344	18	0.00123	0.00123	0.00000614	0.0087	0.00129	0.0186	0.0193	0.00000618	19.4	0.0000246	0.000301	0.000217	0.000999	0.0615	0.0000124	1.37	3.7	0.0334	0.000314	6.27	0.00194	0.0564	0.000236	0.000253	0.0000806	0.0906	0.00000247	0.0000917	0.000643	0.00228	5.72E-09
2058 Feb	82.2	0.0366	0.0226	0.00142	14.2	0.0344	18	0.00123	0.00123	0.00000614	0.0087	0.00129	0.0186	0.0194	0.00000618	19.5	0.0000246	0.000302	0.000217	0.001	0.0616	0.0000124	1.37	3.7	0.0335	0.000314	6.27	0.00194	0.0564	0.000237	0.000253	0.0000807	0.0907	0.00000247	0.0000917	0.000643	0.00228	5.72E-09
2058 Mar	82.3	0.0367	0.0226	0.00142	14.2	0.0344	18	0.00123	0.00123	0.00000615	0.0087	0.00129	0.0186	0.0194	0.00000619	19.5	0.0000247	0.000302	0.000218	0.001	0.0617	0.0000124	1.38	3.7	0.0336	0.000315	6.28	0.00194	0.0564	0.000237	0.000254	0.0000807	0.0909	0.00000247	0.0000918	0.000645	0.00228	5.72E-09
2058 Apr	82.8	0.0369	0.0228	0.00143	14.3	0.0347	18.1	0.00123	0.00123	0.00000619	0.00876	0.0013	0.0188	0.0195	0.00000623	19.6	0.0000248	0.000304	0.000219	0.00101	0.0621	0.0000124	1.39	3.73	0.0338	0.000317	6.32	0.00195	0.0568	0.000239	0.000255	0.0000813	0.0915	0.00000249	0.0000924	0.000649	0.00229	5.75E-09
2058 May	102	0.0453	0.0297	0.00146	17.6	0.0351	26.2	0.0012	0.0012	0.00000603	0.00852	0.00144	0.0216	0.0238	0.00000608	24.5	0.0000252	0.000355	0.000305	0.00112	0.0724	0.0000124	1.57	5.08	0.0495	0.000367	7.82	0.00236	0.0574	0.000369	0.000271	0.000101	0.113	0.00000243	0.000105	0.000783	0.00225	8.55E-09
2058 Jun	89.9	0.043	0.0286	0.00121	17.3	0.0234	15.3	0.000938	0.000938	0.00000471	0.00615	0.00127	0.0132	0.0251	0.00000474	22.6	0.0000192	0.000317	0.000365	0.000974	0.0717	0.00000873	1.49	3.95	0.0604	0.000227	7.16	0.00178	0.0438	0.000498	0.000209	0.0000938	0.114	0.00000189	0.0000773	0.00081	0.00169	1.27E-08
2058 Jul	92	0.0407	0.0291	0.00135	17.3	0.026	15.1	0.00105	0.00105	0.00000529	0.00695	0.00131	0.0143	0.0246	0.00000532	22.3	0.0000213	0.000321	0.000344	0.00101	0.0718	0.00000974	1.52	3.85	0.0563	0.000233	7.26	0.00184	0.0477	0.000459	0.00023	0.0000935	0.112	0.00000213	0.0000814	0.000809	0.00192	1.35E-08
2058 Aug	95.3	0.0427	0.0291	0.00143	18	0.0289	15.7	0.00115	0.00115	0.00000579	0.00764	0.00142	0.0154	0.0263	0.00000581	23.8	0.000023	0.000344	0.000362	0.00109	0.0775	0.0000109	1.63	4.07	0.0592	0.000254	7.5	0.00196	0.0528	0.000481	0.000248	0.0000995	0.119	0.00000232	0.0000872	0.000858	0.0021	0.000000012
2058 Sep	87.7	0.0442	0.0245	0.0013	16.2	0.0308	17.3	0.0011	0.0011	0.00000553	0.0075	0.00136	0.0163	0.024	0.00000556	22.5	0.0000215	0.000322	0.000315	0.00104	0.0708	0.0000109	1.51	4.05	0.0507	0.000297	6.77	0.00192	0.0522	0.0004	0.000226	0.000092	0.11	0.00000222	0.0000875	0.000746	0.00197	6.95E-09
2058 Oct	87.7	0.0502	0.0235	0.00126	15.8	0.0334	20.8	0.00106	0.00106	0.00000534	0.0075	0.00132	0.0179	0.0223	0.00000538	22.2	0.0000206	0.000311	0.000282	0.00103	0.0659	0.0000109	1.44	4.3	0.0445	0.000359	6.68	0.00198	0.0519	0.000336	0.000208	0.0000882	0.104	0.00000215	0.0000928	0.000661	0.00185	5.57E-09
2058 Nov	88.8	0.0515	0.0237	0.00126	16	0.034	21.5	0.00107	0.00107	0.00000536	0.00756	0.00132	0.0183	0.0223	0.00000541	22.4	0.0000207	0.000312	0.000281	0.00104	0.0658	0.0000109	1.44	4.38	0.0442	0.000371	6.76	0.00201	0.0523	0.000331	0.000207	0.0000885	0.105	0.00000216	0.0000945	0.000657	0.00185	5.63E-09
2058 Dec	88.9	0.0516	0.0238	0.00127	16	0.0341	21.6	0.00107	0.00107	0.00000536	0.00756	0.00132	0.0184	0.0223	0.00000541	22.4	0.0000207	0.000312	0.000281	0.00104	0.0658	0.0000111	1.44	4.38	0.0442	0.000372	6.77	0.00201	0.0523	0.000331	0.000207	0.0000886	0.105	0.00000216	0.0000946	0.000657	0.00185	5.76E-09
2059 Jan	89	0.0517	0.0238	0.00127	16	0.0341	21.6	0.00107	0.00107	0.00000536	0.00756	0.00132	0.0184	0.0223	0.00000541	22.4	0.0000207	0.000313	0.000281	0.00104	0.0659	0.0000111	1.44	4.39	0.0442	0.000372	6.78	0.00201	0.0523	0.000331	0.000207	0.0000886	0.105	0.00000216	0.0000946	0.000657	0.00185	5.84E-09
2059 Feb	89.1	0.0517	0.0239	0.00127	16	0.0341	21.6	0.00107	0.00107	0.00000536	0.00756	0.00132	0.0184	0.0224	0.00000541	22.4	0.0000207	0.000313	0.000282	0.00104	0.0659	0.0000111	1.44	4.39	0.0443	0.000372	6.79	0.00202	0.0523	0.000331	0.000207	0.0000887	0.105	0.00000216	0.0000947	0.000658	0.00185	5.88E-09
2059 Mar	89.1	0.0517	0.0239	0.00127	16	0.0341	21.6	0.00107	0.00107	0.00000536	0.00756	0.00132	0.0184	0.0224	0.00000541	22.4	0.0000207	0.000313	0.000282	0.00104	0.066	0.0000111	1.44	4.39	0.0443	0.000372	6.8	0.00202	0.0523	0.000331	0.000207	0.0000887	0.105	0.00000216	0.0000947	0.000658	0.00185	5.91E-09
2059 Apr	89.8	0.0522	0.0241	0.00128	16.2	0.0343	21.8	0.00108	0.00108	0.00000541	0.00762	0.00134	0.0185	0.0226	0.00000545	22.6	0.0000209	0.000315	0.000284	0.00105	0.0665	0.0000111	1.45	4.43	0.0447	0.000375	6.85	0.00203	0.0527	0.000334	0.000209	0.0000894	0.106	0.00000218	0.0000955	0.000663	0.00186	5.97E-09

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2062 Jun	79.1	0.0371	0.0209	0.00121	12.8	0.0293	19.4	0.000995	0.000995	0.000005	0.00716	0.00108	0.0171	0.0168	0.00000504	17.6	0.0000207	0.000264	0.0002	0.000873	0.0521	0.00000993	1.19	3.63	0.031	0.000303	5.53	0.0018	0.0458	0.000218	0.000211	0.0000728	0.0811	0.00000201	0.0000842	0.000558	0.00183	7.33E-09
2062 Jul	61.6	0.0205	0.0158	0.0012	9.81	0.0252	10.3	0.00104	0.00104	0.00000523	0.00737	0.00098	0.0136	0.014	0.00000525	13.6	0.0000219	0.000232	0.00015	0.000759	0.0469	0.00001	1.06	2.35	0.0228	0.000189	4.26	0.00142	0.0452	0.000161	0.000226	0.0000594	0.0649	0.00000221	0.0000668	0.000533	0.00202	4.12E-09
2062 Aug	57.7	0.0199	0.0131	0.00115	9.27	0.0294	11.5	0.00105	0.00105	0.00000525	0.00717	0.00102	0.0144	0.0137	0.00000527	13.6	0.0000194	0.00022	0.000132	0.000777	0.0458	0.0000105	1.04	2.44	0.0192	0.00023	4.05	0.00144	0.0464	0.000127	0.000202	0.0000584	0.0636	0.00000211	0.0000692	0.000444	0.00192	2.88E-09
2062 Sep	66.1	0.0352	0.0145	0.00112	10.8	0.0347	17.3	0.000997	0.000997	0.000005	0.00688	0.00104	0.0169	0.0141	0.00000504	15.4	0.0000166	0.000224	0.00013	0.00083	0.0436	0.0000103	1.07	3.1	0.0178	0.000351	4.62	0.00161	0.0457	0.000099	0.000161	0.0000618	0.0681	0.00000201	0.0000799	0.000356	0.00165	4.36E-09
2062 Oct	84.2	0.0734	0.0187	0.00117	14.4	0.0403	23.1	0.000953	0.000953	0.00000479	0.00718	0.00108	0.0189	0.0164	0.00000484	18.5	0.0000016	0.00024	0.000165	0.000977	0.046	0.00000952	1.18	3.9	0.0206	0.000515	5.82	0.00181	0.0472	0.000108	0.000112	0.0000663	0.0809	0.00000193	0.0000995	0.00033	0.00132	6.03E-09
2062 Nov	85.1	0.0767	0.0186	0.00118	14.6	0.0413	23.6	0.000962	0.000962	0.00000483	0.00732	0.00109	0.0192	0.0166	0.00000488	18.8	0.0000162	0.000242	0.000164	0.000993	0.0463	0.0000965	1.19	3.97	0.0202	0.000533	5.87	0.00183	0.0481	0.000102	0.000109	0.0000665	0.0817	0.00000195	0.000102	0.000324	0.00131	5.91E-09
2062 Dec	85.3	0.0768	0.0187	0.00118	14.6	0.0414	23.7	0.000963	0.000963	0.00000484	0.00733	0.0011	0.0193	0.0166	0.00000489	18.8	0.0000162	0.000242	0.000165	0.000994	0.0464	0.00000966	1.19	3.98	0.0203	0.000534	5.89	0.00184	0.0482	0.000102	0.00011	0.0000667	0.0819	0.00000195	0.000102	0.000326	0.00131	6.02E-09
2063 Jan	85.4	0.0768	0.0188	0.00118	14.7	0.0414	23.7	0.000963	0.000963	0.00000484	0.00733	0.0011	0.0193	0.0166	0.00000489	18.8	0.0000162	0.000243	0.000165	0.000995	0.0465	0.00000966	1.2	3.99	0.0204	0.000534	5.9	0.00184	0.0482	0.000103	0.00011	0.0000668	0.082	0.00000195	0.000102	0.000327	0.00131	6.07E-09
2063 Feb	85.5	0.0769	0.0188	0.00118	14.7	0.0414	23.7	0.000964	0.000964	0.00000484	0.00733	0.0011	0.0193	0.0167	0.00000489	18.9	0.0000163	0.000243	0.000166	0.000996	0.0466	0.00000967	1.2	3.99	0.0205	0.000534	5.91	0.00184	0.0483	0.000104	0.00011	0.0000668	0.0822	0.00000195	0.000102	0.000328	0.00132	6.09E-09
2063 Mar	85.6	0.0769	0.0188	0.00119	14.7	0.0414	23.7	0.000964	0.000964	0.00000485	0.00734	0.0011	0.0193	0.0167	0.0000049	18.9	0.0000163	0.000244	0.000167	0.000997	0.0467	0.00000968	1.2	4	0.0206	0.000534	5.92	0.00184	0.0483	0.000104	0.00011	0.0000669	0.0824	0.00000196	0.000102	0.000329	0.00132	6.11E-09
2063 Apr	86.2	0.0774	0.019	0.00119	14.8	0.0416	23.9	0.00097	0.00097	0.00000488	0.00738	0.00111	0.0194	0.0168	0.00000493	19	0.0000164	0.000245	0.000168	0.001	0.047	0.00000973	1.21	4.02	0.0208	0.000537	5.96	0.00185	0.0486	0.000105	0.000111	0.0000674	0.0829	0.00000197	0.000103	0.000332	0.00133	6.14E-09
2063 May	90.8	0.0778	0.0207	0.00121	16.2	0.0399	23.3	0.000995	0.000995	0.000005	0.00744	0.00123	0.0189	0.0205	0.00000504	21.6	0.0000175	0.00028	0.000236	0.00106	0.057	0.00000998	1.36	4.32	0.0333	0.00051	6.42	0.00194	0.0506	0.00022	0.000132	0.0000783	0.098	0.00000202	0.000103	0.00047	0.00142	5.97E-09
2063 Jun	73.8	0.0348	0.0208	0.00113	13.4	0.0226	11	0.000918	0.000918	0.00000461	0.00614	0.00109	0.0118	0.0201	0.00000463	18	0.0000185	0.000265	0.000272	0.000846	0.0589	0.00000841	1.26	2.97	0.044	0.000199	5.4	0.00149	0.0412	0.000355	0.000192	0.0000753	0.0907	0.00000185	0.000068	0.000659	0.00166	5.26E-09
2063 Jul	68.5	0.0281	0.0184	0.00118	12	0.0238	9.76	0.00101	0.00101	0.00000505	0.0069	0.00107	0.0124	0.018	0.00000506	16.3	0.0000207	0.000257	0.000227	0.000823	0.0557	0.00000938	1.21	2.64	0.0361	0.000185	4.9	0.00146	0.0444	0.000284	0.000216	0.0000697	0.0815	0.00000202	0.000068	0.000631	0.00189	4.15E-09
2063 Aug	75.8	0.0313	0.0199	0.00133	13.3	0.0277	11	0.00115	0.00115	0.00000574	0.00784	0.00122	0.0141	0.0202	0.00000576	18.4	0.0000232	0.000289	0.00025	0.000932	0.0627	0.0000108	1.36	2.97	0.0397	0.000216	5.43	0.00164	0.0508	0.000311	0.000241	0.0000781	0.0914	0.0000023	0.0000769	0.000698	0.00214	4.19E-09
2063 Sep	71.9	0.0322	0.0168	0.00124	12.3	0.0305	13.6	0.00111	0.00111	0.00000557	0.00764	0.00119	0.0156	0.0188	0.00000559	18	0.0000213	0.000277	0.000218	0.000908	0.058	0.00001	1.29	3.13	0.034	0.000268	5.03	0.00167	0.0503	0.000251	0.000221	0.0000751	0.0863	0.0000224	0.0000789	0.000603	0.00202	2.8E-09
2063 Oct	76.3	0.0408	0.0164	0.00117	12.2	0.0337	20.1	0.00104	0.00104	0.00000521	0.00739	0.00115	0.0182	0.0174	0.00000525	19.3	0.0000197	0.00027	0.000193	0.000913	0.0528	0.0000107	1.23	3.75	0.0291	0.000358	5.06	0.00184	0.0488	0.000195	0.000196	0.0000742	0.0835	0.0000021	0.000088	0.00051	0.00182	2.9E-09
2063 Nov	78.5	0.0441	0.0169	0.00117	12.5	0.0348	21.6	0.00103	0.00103	0.00000519	0.00743	0.00116	0.0189	0.0173	0.00000523	18.7	0.0000196	0.000271	0.000191	0.000927	0.0524	0.0000107	1.23	3.91	0.0285	0.000382	5.2	0.00189	0.0491	0.000186	0.000192	0.0000747	0.084	0.00000209	0.000091	0.000496	0.00178	3.51E-09
2063 Dec	78.8	0.0445	0.017	0.00117	12.6	0.0349	21.7	0.00104	0.00104	0.0000052	0.00745	0.00116	0.019	0.0174	0.00000524	18.8	0.0000196	0.000271	0.000191	0.00093	0.0525	0.0000107	1.23	3.92	0.0285	0.000384	5.23	0.00189	0.0492	0.000186	0.000192	0.0000749	0.0842	0.00000209	0.0000913	0.000497	0.00178	3.63E-09
2064 Jan	79	0.0446	0.0171	0.00118	12.6	0.0349	21.8	0.00104	0.00104	0.0000052	0.00745	0.00116	0.019	0.0174	0.00000524	18.8	0.0000196	0.000272	0.000192	0.000931	0.0526	0.0000107	1.24	3.93	0.0286	0.000385	5.24	0.0019	0.0492	0.000186	0.000192	0.000075	0.0844	0.00000221	0.0000914	0.000498	0.00178	3.68E-09
2064 Feb	79.1	0.0447	0.0171	0.00118	12.6	0.035	21.8	0.00104	0.00104	0.0000052	0.00745	0.00116	0.019	0.0175	0.00000525	18.9	0.0000196	0.000272	0.000193	0.000932	0.0527	0.0000108	1.24	3.94	0.0288	0.000385	5.25	0.0019	0.0492	0.000187	0.000192	0.0000751	0.0846	0.00000221	0.0000915	0.000499	0.00178	3.7E-09
2064 Mar	79.4	0.0449	0.0172	0.00118	12.7	0.0351	21.9	0.00104	0.00104	0.00000522	0.00748	0.00117	0.0191	0.0175	0.00000526	19	0.0000197	0.000273	0.000194	0.000936	0.0529	0.0000108	1.24	3.95	0.029	0.000387	5.28	0.00191	0.0494	0.000188	0.000193	0.0000754	0.085	0.00000221	0.0000918	0.000502	0.00179	3.72E-09
2064 Apr	80	0.0452	0.0173	0.00119	12.8	0.0353	22	0.00105	0.00105	0.00000525	0.00753	0.00117	0.0192	0.0177	0.0000053	19.1	0.0000198	0.000275	0.000195	0.000943	0.0533	0.0000109	1.25	3.98	0.0292	0.000389	5.31	0.00192	0.0497	0.000189	0.000194	0.0000759	0.0856	0.00000212	0.0000924	0.000505	0.0018	3.74E-09
2064 May	92	0.0511	0.0211	0.00121	15.3	0.034	24.5	0.00104	0.00104	0.00000522	0.00738	0.00132	0.0195	0.0225	0.00000528	23.1	0.0000205	0.000321	0.000289	0.00104	0.0655	0.0000108	1.45	4.73	0.046	0.00039	6.21	0.00213	0.0509	0.00034	0.00021	0.0000921	0.107	0.00000211	0.0000977	0.000666	0.00181	4.18E-09
2064 Jun	92.2	0.0496	0.0246	0.00115	17.5	0.0239	15.4	0.000953	0.000953	0.00000479	0.00625	0.00139	0.0131	0.0285	0.00000481	25.3	0.0000194	0.000346	0.000422	0.00105	0.0802	0.00000896	1.63	4.28	0.0702	0.000244	6.73	0.00186	0.0464	0.000585	0.00021	0.000103	0.128	0.00000192	0.0000804	0.000898	0.00169	3.78E-09
2064 Jul	91.3	0.0488	0.0233	0.0012	17.4	0.0261	15.3	0.00105	0.00105	0.00000528	0.00703	0.00149	0.014	0.0295	0.00000531	26.1	0.0000215	0.000362	0.000427	0.0011	0.0848	0.0000102	1.7	4.35	0.0709	0.00025	6.71	0.00193	0.052	0.00059	0.000233	0.000106	0.132	0.00000212	0.0000884	0.000938	0.00191	2.98E-09
2064 Aug	85.9	0.0442	0.0205	0.00119	16.1	0.0293	15.8	0.00109	0.00109	0.00000544	0.00716	0.00148	0.0147	0.0277	0.00000547	24.8	0.0000206	0.000343	0.000383	0.00109	0.0808	0.0000109	1.63	4.23	0.0629	0.00027	6.29	0.00192	0.0534	0.000518	0.000225	0.000101	0.124	0.00000219	0.0000844	0.000845	0.00193	2.2E-09
2064 Sep	84.7	0.0443	0.018	0.00113	14.3	0.0361	23.1	0.00101	0.00101	0.00000508	0.00663	0.00131	0.0188	0.0218	0.00000513	22.3	0.0000164	0.000298	0.000271	0.00102	0.0627	0.0000107	1.4	4.49	0.0426	0.000391	5.77	0.00202	0.0488	0.000316	0.000176	0.0000894	0.103	0.00000205	0.0000917	0.000563	0.00163	2.8E-09
2064 Oct	89.2	0.0493	0.0182	0.00114	14.5	0.0387	26.7	0.00102	0.00102	0.00000512	0.00682	0.00132	0.0207	0.0214	0.00000518	22.8	0.0000165	0.000301	0.000258	0.00104	0.0609	0.0000109	1.4	4.85	0.04	0.000445	5.89	0.00215	0.0496	0.000284	0.000172	0.0000905	0.103	0.00000207	0.0000989	0.000529	0.00161	2.76E-09
2064 Nov	90	0.0499	0.0183	0.00116	14.7	0.0392	26.9	0.00103	0.00103	0.00000518	0.00689	0.00133	0.0209	0.0216	0.00000523	23	0.0000167	0.000304	0.00026	0.00105	0.0615	0.0000111	1.42	4.9	0.0404	0.00045	5.95	0.00217	0.0501	0.000287	0.000173	0.0000913	0.104	0.00000209	0.0000999	0.000533	0.00162	2.78E-09
2064 Dec	90.2	0.0501	0.0184	0.00116	14.7	0.0392	27	0.00103	0.00103	0.00000518	0.0069	0.00133	0.0209	0.0216	0.00000524	23.1	0.0000167	0.000304	0.000261	0.00106	0.0616	0.0000111	1.42	4.9	0.0404	0.00045	5.95	0.00217	0.0502	0.000287	0.000173	0.0000914	0.104	0.00000209	0.0001	0.000534	0.00162	2.81E-09
2065 Jan	90.2	0.0501	0.0184	0.00116	14.7	0.0392	27	0.00103	0.00103	0.00000518	0.0069	0.00133	0.0209	0.0216	0.00000524	23.1	0.0000167	0.000304	0.000261	0.00106	0.0616	0.0000111	1.42	4.91	0.0404	0.00045	5.96	0.00217	0.0502	0.000287	0.000173	0.0000914	0.104	0.00000209	0.0001	0.000534	0.00162	2.83E-09
2065 Feb	90.3	0.0502	0.0184	0.00116	14.7	0.0392	27	0.00103	0.00103	0.00000518	0.00691	0.00133	0.0209	0.0216	0.00000524	23.1	0.0000167	0.000304	0.000261	0.00106	0.0617	0.0000111	1.42	4.91	0.0405	0.00045	5.97	0.00217	0.0502	0.000287	0.000174	0.0000915	0.104	0.00000209	0.0001	0.000535	0.00162	2.84E-09
2065 Mar	90.7	0.0504	0.0185	0.00116	14.8	0.0394	27.1	0.00104	0.00104	0.0000052	0.00693	0.00134	0.021	0.0217	0.00000526	23.2	0.0000168	0.000306	0.000263	0.00106	0.062	0.0000111	1.43	4.93	0.0407	0.00045	5.99	0.00218	0.0504	0.000289	0.000174	0.0000919	0.105	0.00000221	0.000101	0.000537	0.00163	2.85E-09
2065 Apr	91.8	0.051	0.0187	0.00118	15	0.0398	27.4	0.00105	0.00105	0.00000526	0.00701	0.00136	0.0212	0.022	0.00000532	23.5	0.0000017	0.000309	0.000266	0.00107	0.0627	0.0000112	1.44	4.99	0.0412	0.00045	6.06	0.00221	0.051	0.000292	0.000176	0.0000929	0.106	0.00000213	0.000102	0.000544	0.00165	2.88E-09
2065 May	113	0.059	0.0231	0.0012	17.4	0.0408	38.3	0.00104	0.00104	0.00000524	0.00717	0.0015	0.0257	0.0258	0.00000532	28.6	0.0000192	0.00037	0.000345	0.0012	0.0726	0.0000115	1.63	6.65	0.0559	0.000523	7.05	0.00274	0.0528	0.000408	0.000211	0.000114	0.128	0.00000213	0.00012	0.000699	0.00171	2.82E-09
2065 Jun	99.5	0.044	0.0235	0.00116	16	0.0255	17.9	0.000954	0.000954	0.00000479	0.00664	0.00128	0.0148	0.0248	0.00000483	23.1	0.0000194	0.000321	0.000354	0.0709	0.0709	0.00000908	1.5	4.21	0.0586	0.000264	6.3	0.00189	0.0449	0.000475	0.000211	0.0000751	0.114	0.00000193	0.0000826	0.000789	0.00172	3.96E-09
2065 Jul	99.5	0.0465	0.0256	0.00137	17.4	0.0297	18.5	0.00114	0.00114	0.00000574	0.00764	0.00145	0.0167	0.0273	0.00000578	25.2	0.0000232	0.000359	0.000381	0.00112	0.0792	0.0000108	1.68	4.49	0.0623	0.000286	6.91	0.00209	0.0529	0.000504	0.000249	0.000104	0.125	0.00000231	0.0000928	0.000882	0.00207	3.92E-09
2065 Aug	107	0.0504	0.0267	0.00149	18.8	0.0339	20.5	0.00127	0.00127	0.00000639	0.0085	0.00161	0.0187	0.0296	0.00000643	27.5	0.0000253	0.000392	0.000407	0.00124	0.0863	0.0000122	1.83	4.91	0.0664	0.000326	7.42	0.0023	0.0592	0.000533	0.000272	0.000114	0.136	0.00000257	0.000102	0.000944	0.00229	3.71E-09
2065 Sep	93.1	0.0548	0.0194	0.00122	15.2	0.0363	24.9	0.00108	0.00108	0.00000543	0.00768	0.00136	0.0202	0.0229	0.00000549	23.6	0.0000208	0.000326	0.000288	0.00108	0.0665	0.0000112	1.49	4.8	0.0452	0.000418	6.05	0.00217	0.053	0.000331	0.000207	0.0000934	0.109	0.00000219	0.000102	0.000657	0.00184	2.5E-09
2065 Oct	91.2	0.0789	0.0166	0.0011	14.4	0.0417	29.7	0.000951	0.000951	0.00000478	0.00751	0.00119	0.0219	0.0186	0.00000484	21.6	0.0000177	0.000278	0.000204	0.00105	0.0522	0.0000102	1.28	4.9	0.028	0.000569	5.67	0.00212	0.0505	0.000161	0.000134	0.0000773	0.0929	0.00000193	0.000111	0.000414	0.00138	3.24E-09
2065 Nov	91.6	0.0828	0.0163	0.0011	14.6	0.0428	29.9	0.000955	0.000955	0.0000048	0.00761	0.00118	0.022	0.0184	0.00000487	21.6	0.0000176	0.000275	0.000198	0.00106	0.0515	0.0000102	1.28	4.89	0.0264	0.000589	5.68	0.00212	0.051	0.000146	0.000127	0.0000761	0.0923	0.00000194	0.000113	0.000393	0.00135	3.07E-09
2065 Dec	91.7	0.0828	0.0164	0.00111	14.6	0.0427	29.9	0.000956	0.000956	0.0000048	0.00762	0.00119	0.022	0.0184	0.00000487	21.6	0.0000177	0.000275	0.000198	0.00106	0.0516	0.0000102	1.28	4.89	0.0265	0.000589	5.69	0.00212	0.051	0.000147	0.000127	0.0000762	0.0924	0.00000194	0.000113	0.000395	0.00136	3.13E-09
2066 Jan	91.9	0.0829	0.0164	0.00111	14.6	0.0427	29.9	0.000956	0.000956	0.00000481	0.00762	0.00119	0.022	0.0185	0.00000487	21.6	0.0000177	0.000276	0.000199	0.00106	0.0517	0.0000102	1.28	4.9	0.0267	0.000588	5.7	0.00212	0.051	0.000148	0.000127	0.0000763	0.0926	0.00000195	0.000113	0.000396	0.00136	3.16E-09
2066 Feb	92	0.083	0.0165	0.00111	14.7	0.0428	29.9	0.000957	0.000957	0.00000481	0.00763	0.00119	0.022	0.0185	0.00000488	21.7	0.0000177	0.000276	0.0002	0.00106	0.0519	0.0000102	1.28	4.91	0.0268	0.000589	5.72	0.00212	0.0511	0.000148	0.000128	0.0000764	0.0929	0.00000195	0.000113	0.000398	0.00136	3.17E-09
2066 Mar	92.6	0.0835	0.0166	0.00112	14.8	0.043	30.1	0.000963	0.000963	0.00000484	0.00767	0.0012	0.0222	0.0187	0.00000491	21.8	0.0000178	0.000278	0.000202	0.00107	0.0522	0.0000103	1.29	4.94	0.0271	0.000592	5.75	0.00214	0.0514	0.00015	0.000128	0.0000769	0.0936	0.00000196	0.000113	0.000401	0.00137	3.19E-09
2066 Apr	93.4	0.0842	0.0167	0.00113	14.9	0.0434	30.3	0.000971	0.000971	0.00000488	0.00773	0.00121	0.0223	0.0188	0.00000495	22	0.0000179	0.00028	0.000203	0.00108	0.0527	0.0000104	1.3	4.98	0.0273	0.000597	5.8	0.00215	0.0518	0.000151	0.000129	0.0000776	0.0944	0.00000198	0.000114	0.000405	0.00138	3.21E-09
2066 May	96.4	0.0868	0.0173	0.00116	15.4	0.0444	31	0.001	0.001	0.00000503	0.00796	0.00126	0.0229	0.0198	0.0000051	22.9	0.0000186	0.000292	0.000217	0.00111	0.0554	0.0000107	1.36	5.15	0.0296	0.000611	6.01	0.00222	0.0536	0.000169	0.000135	0.000081	0.0989	0.00000204	0.000118	0.000432	0.00143	3.19E-09
2066 Jun	70.4	0.0324	0.0175	0.00113	11.7	0.0249	12.8	0.000954	0.000954	0.00000479	0.00664	0.00103	0.0134	0.0172	0.00000481	16.3	0.0000196	0.00025	0.000214	0.000817	0.0524	0.00000901	1.17	2.9	0.0336	0.000227	4.73	0.00152	0.0426	0.000255	0.000199	0.0000685	0.0794	0.00000192	0.0000716	0.000579	0.00175	2.91E-09
2066 Jul	71.9	0.029	0.017	0.00113	11.7	0.0284	11.9	0.00115	0.00115	0.00000578	0.00811	0.00116	0.015	0.018	0.00000558	16.9	0.0000239	0.000275	0.000208	0.000897	0.0576	0.0000111	1.27	2.87	0.0323	0.000226	4.81	0.00164	0.0511	0.000241	0.000246	0.0000722	0.0823	0.00000232	0.0000778	0.000643	0.00219	2.23E-09
2066 Aug	76.9	0.0305	0.0175	0.00141	12.4	0.0322	13.5	0.00127	0.00127	0.00000637	0.0089	0.00128	0.0167	0.0194	0.00000639	18.4	0.0000259	0.000298	0.000219	0.000984	0.0627	0.0000123	1.38	3.16	0.0339	0.000256	5.13	0.0018	0.0567	0.00025	0.000267	0.0000784	0.0889	0.00000256	0.0000858	0.000682	0.0024	2.01E-09
2066 Sep	77.3	0.0355	0.0156	0.00132	11.9	0.0346	17.8	0.00121	0.00121	0.00000604	0.00858	0.00125	0.0184	0.0182	0.00000608	18.5	0.000024	0.000287	0.000197	0.000976	0.0583	0.0000121	1.32	3.55	0.0297	0.000319	4.92	0.00189	0.0552	0.000204	0.000243	0.0000767	0.0858	0.00000243	0.0000907	0.000597	0.00221	1.57E-09
2066 Oct	81.8	0.0494	0.0139	0.00117	11.7	0.0383	26.1	0.00107	0.00107	0.00000536	0.00798	0.00117	0.0214	0.0164	0.00000542	19.1	0.0000209	0.000271	0.000168	0.000973	0.0509	0.0000113	1.22	4.34	0.0238	0.000442	4.79	0.00206	0.0518	0.000135	0.000197	0.0000743	0.082	0.00000217	0.000101	0.000461	0.00183	1.43E-09
2066 Nov	84.7

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2069 Dec	77.9	0.0766	0.0125	0.00109	12.9	0.0408	21.3	0.000974	0.000974	0.00000489	0.00756	0.00111	0.0183	0.0168	0.00000493	18.5	0.0000169	0.000242	0.000164	0.000985	0.0476	0.00000992	1.19	3.73	0.0202	0.000521	4.82	0.00175	0.05	0.000104	0.000112	0.0000643	0.0813	0.00000197	0.0000989	0.00034	0.00136	1.51E-09
2070 Jan	78	0.0766	0.0126	0.00109	12.9	0.0407	21.3	0.000974	0.000974	0.00000489	0.00756	0.00111	0.0183	0.0169	0.00000494	18.5	0.0000169	0.000243	0.000166	0.000986	0.0478	0.00000992	1.19	3.74	0.0204	0.00052	4.84	0.00175	0.05	0.000106	0.000113	0.0000644	0.0816	0.00000197	0.000099	0.000342	0.00136	1.53E-09
2070 Feb	78.2	0.0766	0.0126	0.00109	13	0.0407	21.3	0.000974	0.000974	0.00000489	0.00756	0.00111	0.0183	0.0169	0.00000494	18.6	0.0000169	0.000243	0.000167	0.000987	0.048	0.00000992	1.19	3.75	0.0206	0.00052	4.85	0.00175	0.05	0.000107	0.000113	0.0000646	0.0819	0.00000197	0.000099	0.000344	0.00137	1.54E-09
2070 Mar	78.4	0.0768	0.0127	0.0011	13	0.0408	21.4	0.000976	0.000976	0.0000049	0.00757	0.00112	0.0184	0.017	0.00000495	18.7	0.0000169	0.000244	0.000168	0.00099	0.0482	0.00000994	1.2	3.76	0.0208	0.000521	4.86	0.00176	0.0501	0.000108	0.000113	0.0000647	0.0822	0.00000198	0.0000992	0.000346	0.00137	1.55E-09
2070 Apr	79.3	0.0777	0.0128	0.00111	13.2	0.0412	21.6	0.000988	0.000988	0.00000496	0.00766	0.00113	0.0186	0.0172	0.000005	18.9	0.0000171	0.000247	0.00017	0.001	0.0488	0.0000101	1.21	3.81	0.0211	0.000527	4.92	0.00178	0.0507	0.000109	0.000115	0.0000655	0.0833	0.000002	0.0001	0.000351	0.00138	1.56E-09
2070 May	85.3	0.0779	0.0154	0.00114	14.9	0.0393	21	0.00102	0.00102	0.0000051	0.00769	0.00126	0.018	0.0212	0.00000515	21.7	0.0000183	0.000285	0.000246	0.00107	0.0597	0.0000103	1.38	4.12	0.0349	0.000495	5.53	0.00187	0.0527	0.000237	0.000137	0.0000778	0.0999	0.0000206	0.000101	0.000501	0.00149	1.61E-09
2070 Jun	88.7	0.0568	0.0216	0.00111	17.3	0.0254	13.8	0.00098	0.00098	0.00000491	0.00663	0.00144	0.0126	0.0295	0.00000494	25.8	0.0000197	0.000351	0.00043	0.00108	0.083	0.00000941	1.66	4.16	0.0708	0.000267	6.42	0.00181	0.0497	0.000589	0.000203	0.000102	0.132	0.00000197	0.0000812	0.000904	0.00171	1.46E-09
2070 Jul	91.9	0.0587	0.0217	0.00121	18	0.0278	13.8	0.0011	0.0011	0.00000553	0.00756	0.00158	0.0137	0.0318	0.00000555	27.6	0.0000225	0.000383	0.000457	0.00117	0.0907	0.0000108	1.8	4.37	0.0753	0.000278	6.71	0.00193	0.0563	0.000627	0.000232	0.000109	0.141	0.00000222	0.0000871	0.000989	0.00197	1.13E-09
2070 Aug	90.1	0.0557	0.0201	0.00124	17.5	0.0306	14.3	0.00116	0.00116	0.00000584	0.00791	0.00162	0.0145	0.0314	0.00000586	27.5	0.0000228	0.000381	0.000439	0.00119	0.0907	0.0000116	1.8	4.39	0.0719	0.000291	6.56	0.00198	0.0591	0.000596	0.000238	0.000109	0.139	0.00000234	0.0000894	0.000959	0.00206	7.46E-10
2070 Sep	84.2	0.0587	0.0158	0.00112	14.8	0.0351	19.8	0.00105	0.00105	0.00000528	0.00742	0.0014	0.0171	0.0246	0.00000532	23.7	0.0000192	0.000318	0.000315	0.00109	0.071	0.0000109	1.51	4.35	0.0492	0.000391	5.6	0.00195	0.0539	0.00038	0.000184	0.0000908	0.113	0.00000213	0.0000936	0.000671	0.00172	9.83E-10
2070 Oct	81.9	0.0709	0.0136	0.00107	13.9	0.0387	22.4	0.000987	0.000987	0.00000495	0.0074	0.00126	0.0183	0.0208	0.000005	21.6	0.0000176	0.000281	0.000241	0.00104	0.0593	0.0000104	1.34	4.26	0.035	0.000481	5.19	0.0019	0.052	0.000241	0.000141	0.0000783	0.0983	0.000002	0.0000987	0.000493	0.00148	1.29E-09
2070 Nov	82.8	0.0731	0.0139	0.00108	14	0.0392	22.6	0.00099	0.00099	0.00000497	0.00747	0.00126	0.0184	0.0207	0.00000501	21.6	0.0000176	0.00028	0.000239	0.00105	0.059	0.0000104	1.34	4.27	0.0343	0.000492	5.25	0.0019	0.0523	0.000234	0.000139	0.0000779	0.0982	0.000002	0.0000999	0.000485	0.00147	1.48E-09
2070 Dec	83	0.0732	0.014	0.00108	14	0.0392	22.6	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0208	0.00000502	21.6	0.0000177	0.000281	0.000239	0.00105	0.059	0.0000104	1.34	4.27	0.0343	0.000492	5.26	0.00191	0.0523	0.000234	0.000139	0.000078	0.0983	0.000002	0.0001	0.000486	0.00147	1.5E-09
2071 Jan	83.1	0.0732	0.014	0.00108	14.1	0.0392	22.6	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0208	0.00000502	21.6	0.0000177	0.000281	0.00024	0.00105	0.0591	0.0000104	1.35	4.28	0.0344	0.000492	5.26	0.00191	0.0523	0.000235	0.000139	0.000078	0.0984	0.00000201	0.0001	0.000487	0.00147	1.51E-09
2071 Feb	83.1	0.0732	0.014	0.00108	14.1	0.0392	22.7	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0208	0.00000502	21.7	0.0000177	0.000281	0.00024	0.00105	0.0592	0.0000104	1.35	4.28	0.0346	0.000492	5.27	0.00191	0.0523	0.000235	0.000139	0.0000781	0.0986	0.00000201	0.0001	0.000488	0.00147	1.52E-09
2071 Mar	83.2	0.0733	0.0141	0.00108	14.1	0.0392	22.7	0.000991	0.000991	0.00000497	0.00748	0.00126	0.0185	0.0209	0.00000502	21.7	0.0000177	0.000282	0.00024	0.00105	0.0593	0.0000104	1.35	4.29	0.0347	0.000492	5.28	0.00191	0.0524	0.000236	0.000139	0.0000782	0.0987	0.00000201	0.0001	0.000489	0.00147	1.52E-09
2071 Apr	83.7	0.0737	0.0141	0.00109	14.2	0.0394	22.8	0.000996	0.000996	0.00000505	0.00752	0.00127	0.0186	0.021	0.00000505	21.8	0.0000178	0.000283	0.000243	0.00106	0.0596	0.0000105	1.36	4.31	0.0349	0.000495	5.31	0.00192	0.0526	0.000237	0.00014	0.0000786	0.0993	0.00000202	0.000101	0.000492	0.00148	1.53E-09
2071 May	87.7	0.0741	0.016	0.00109	15.6	0.0368	21.7	0.001	0.001	0.00000502	0.00741	0.00136	0.0176	0.0244	0.00000506	24.1	0.0000185	0.000314	0.000311	0.00111	0.0688	0.0000104	1.49	4.53	0.0474	0.00046	5.76	0.00196	0.0534	0.000354	0.000156	0.0000885	0.113	0.00000202	0.0000992	0.000625	0.00153	1.27E-09
2071 Jun	81	0.0462	0.0198	0.0011	15.1	0.0242	12.6	0.000954	0.000954	0.00000479	0.00645	0.00128	0.0123	0.0252	0.00000481	22.3	0.0000193	0.000313	0.000358	0.000974	0.0723	0.00000904	1.48	3.63	0.0586	0.000236	5.7	0.00166	0.0462	0.000483	0.0002	0.0000899	0.113	0.00000192	0.0000753	0.000795	0.0017	1.34E-09
2071 Jul	79.7	0.0423	0.019	0.00119	14.6	0.0259	11.8	0.00106	0.00106	0.00000531	0.00726	0.00132	0.0131	0.0246	0.00000533	21.7	0.0000217	0.000318	0.000336	0.000992	0.0725	0.0000101	1.49	3.48	0.0547	0.00023	5.57	0.0017	0.0503	0.000446	0.000225	0.0000888	0.11	0.00000213	0.0000776	0.000803	0.00194	1.11E-09
2071 Aug	83.2	0.0444	0.0192	0.00128	15.3	0.029	12.4	0.00116	0.00116	0.0000058	0.00791	0.00142	0.0143	0.0261	0.00000582	23.1	0.0000231	0.000338	0.000349	0.00106	0.0771	0.0000112	1.59	3.66	0.0565	0.000256	5.84	0.00181	0.055	0.000459	0.00024	0.0000941	0.116	0.00000233	0.0000833	0.000838	0.00211	9.83E-10
2071 Sep	70.7	0.0461	0.0134	0.0011	12.7	0.0323	14	0.00104	0.00104	0.00000521	0.00723	0.00124	0.0151	0.0208	0.00000524	19.7	0.0000186	0.000284	0.000249	0.000943	0.0608	0.0000105	1.34	3.35	0.0385	0.00033	4.79	0.00165	0.0502	0.000288	0.00018	0.0000777	0.0949	0.00000209	0.0000804	0.000583	0.00176	6.15E-10
2071 Oct	70.4	0.0564	0.0119	0.00105	12.4	0.0351	16.3	0.000995	0.000995	0.00000499	0.00721	0.00118	0.0161	0.0191	0.00000502	19.1	0.0000173	0.000266	0.000215	0.000938	0.0552	0.0000103	1.26	3.43	0.0314	0.000399	4.62	0.00165	0.0496	0.000216	0.00015	0.0000717	0.0889	0.00000201	0.0000851	0.00048	0.00158	7.57E-10
2071 Nov	72.1	0.064	0.0114	0.00104	12.5	0.0374	18.1	0.000989	0.000989	0.00000496	0.00736	0.00118	0.017	0.0187	0.000005	19.2	0.0000171	0.000262	0.000202	0.000958	0.0534	0.0000103	1.25	3.58	0.0283	0.000447	4.63	0.00169	0.0504	0.000184	0.000137	0.0000701	0.0878	0.0000002	0.0000901	0.000437	0.00151	7.8E-10
2071 Dec	72.6	0.0647	0.0115	0.00105	12.5	0.0376	18.4	0.00099	0.00099	0.00000496	0.00738	0.00118	0.0171	0.0187	0.000005	19.3	0.0000171	0.000262	0.000201	0.000961	0.0534	0.0000103	1.25	3.6	0.0282	0.000452	4.65	0.0017	0.0505	0.000182	0.000136	0.0000701	0.0879	0.0000002	0.0000906	0.000435	0.0015	8.35E-10
2072 Jan	72.8	0.0648	0.0115	0.00105	12.6	0.0376	18.4	0.00099	0.00099	0.00000496	0.00738	0.00118	0.0171	0.0187	0.000005	19.3	0.0000172	0.000263	0.000202	0.000963	0.0535	0.0000103	1.25	3.61	0.0283	0.000452	4.66	0.0017	0.0505	0.000182	0.000136	0.0000703	0.0881	0.0000002	0.0000908	0.000437	0.0015	8.52E-10
2072 Feb	72.9	0.0649	0.0116	0.00105	12.6	0.0376	18.5	0.00099	0.00099	0.00000497	0.00738	0.00118	0.0171	0.0188	0.000005	19.4	0.0000172	0.000263	0.000203	0.000964	0.0537	0.0000103	1.25	3.62	0.0285	0.000453	4.68	0.0017	0.0505	0.000183	0.000137	0.0000704	0.0884	0.0000002	0.0000909	0.000439	0.0015	8.61E-10
2072 Mar	73	0.0649	0.0116	0.00105	12.6	0.0376	18.5	0.000991	0.000991	0.00000497	0.00739	0.00118	0.0172	0.0188	0.000005	19.4	0.0000172	0.000264	0.000204	0.000965	0.0538	0.0000103	1.26	3.63	0.0287	0.000453	4.68	0.00171	0.0506	0.000184	0.000137	0.0000705	0.0886	0.0000002	0.0000909	0.00044	0.00151	8.67E-10
2072 Apr	73.7	0.0655	0.0117	0.00106	12.8	0.0379	18.6	0.000999	0.000999	0.00000501	0.00745	0.00119	0.0173	0.019	0.00000505	19.6	0.0000173	0.000266	0.000206	0.000974	0.0543	0.0000104	1.27	3.67	0.029	0.000457	4.73	0.00172	0.051	0.000186	0.000138	0.0000711	0.0894	0.0000002	0.0000917	0.000444	0.00152	8.75E-10
2072 May	77.2	0.0686	0.0123	0.00111	13.3	0.0397	19.5	0.00105	0.00105	0.00000524	0.00779	0.00125	0.0181	0.0199	0.00000528	20.5	0.0000181	0.000279	0.000216	0.00102	0.0569	0.0000109	1.33	3.84	0.0304	0.000478	4.95	0.0018	0.0534	0.000195	0.000144	0.0000744	0.0936	0.00000211	0.000096	0.000466	0.00159	9.16E-10
2072 Jun	65.7	0.0369	0.0133	0.00111	10.4	0.0285	13.4	0.000992	0.000992	0.00000498	0.00721	0.00103	0.0146	0.0157	0.000005	15.6	0.00002	0.000241	0.000173	0.000819	0.049	0.00000978	1.12	2.81	0.0257	0.000279	4.13	0.00151	0.0459	0.000177	0.000192	0.0000631	0.0733	0.0000002	0.0000755	0.000505	0.00179	1.16E-09
2072 Jul	60.6	0.0269	0.0121	0.00115	9.41	0.0283	11.4	0.00106	0.00106	0.00000532	0.00759	0.00104	0.0143	0.0149	0.00000534	14.5	0.0000214	0.000236	0.000155	0.000807	0.0492	0.0000105	1.1	2.52	0.023	0.000235	3.85	0.00147	0.0481	0.000159	0.000215	0.0000607	0.0687	0.00000214	0.0000723	0.000513	0.00199	9.05E-10
2072 Aug	66.5	0.0336	0.0121	0.00114	10.6	0.0352	15.3	0.00105	0.00105	0.00000526	0.00698	0.0011	0.0165	0.0157	0.00000529	16.2	0.0000166	0.00024	0.000154	0.000857	0.0472	0.0000106	1.15	2.99	0.0218	0.000342	4.21	0.0016	0.0469	0.000135	0.000166	0.0000665	0.0743	0.00000211	0.0000787	0.000396	0.00172	1.09E-09
2072 Sep	66.1	0.0421	0.0111	0.00109	11.2	0.0386	15.6	0.00101	0.00101	0.00000506	0.00654	0.00109	0.0168	0.0156	0.00000509	16.4	0.0000132	0.00023	0.000142	0.00086	0.0436	0.0000102	1.14	2.97	0.0188	0.000409	4.26	0.00155	0.045	0.000101	0.00012	0.0000651	0.0742	0.00000203	0.0000797	0.000295	0.00147	9.01E-10
2072 Oct	69.8	0.0612	0.012	0.00109	12.3	0.0389	15.5	0.000965	0.000965	0.00000484	0.00671	0.00106	0.0159	0.016	0.00000487	16.7	0.0000136	0.000223	0.000152	0.000901	0.0439	0.0000942	1.15	2.97	0.0187	0.000453	4.53	0.0015	0.0453	0.0001	0.0000952	0.0000613	0.0758	0.00000195	0.0000845	0.000288	0.0013	9.81E-10
2072 Nov	71	0.0647	0.0123	0.0011	12.5	0.0393	15.7	0.000968	0.000968	0.00000486	0.00683	0.00107	0.016	0.0163	0.00000489	16.9	0.0000139	0.000225	0.000155	0.000916	0.0445	0.0000943	1.16	3.02	0.019	0.000464	4.61	0.00152	0.0459	0.000101	0.0000937	0.0000613	0.0769	0.00000195	0.0000862	0.000292	0.00129	1.05E-09
2072 Dec	71.2	0.0648	0.0123	0.0011	12.6	0.0393	15.8	0.000968	0.000968	0.00000486	0.00684	0.00107	0.016	0.0163	0.00000489	16.9	0.0000139	0.000225	0.000155	0.000918	0.0447	0.0000944	1.16	3.03	0.0191	0.000464	4.63	0.00152	0.046	0.000102	0.0000944	0.0000616	0.0771	0.00000195	0.0000864	0.000293	0.0013	1.07E-09
2073 Jan	71.3	0.0649	0.0124	0.0011	12.6	0.0393	15.8	0.000969	0.000969	0.00000486	0.00684	0.00107	0.016	0.0163	0.00000489	17	0.0000139	0.000226	0.000156	0.000919	0.0448	0.0000945	1.16	3.03	0.0192	0.000465	4.63	0.00152	0.046	0.000103	0.0000943	0.0000616	0.0773	0.00000195	0.0000865	0.000295	0.0013	1.07E-09
2073 Feb	71.4	0.065	0.0124	0.0011	12.6	0.0393	15.8	0.000969	0.000969	0.00000486	0.00684	0.00107	0.016	0.0164	0.00000489	17	0.0000139	0.000226	0.000157	0.00092	0.0449	0.0000945	1.16	3.04	0.0194	0.000465	4.64	0.00152	0.0461	0.000104	0.0000945	0.0000617	0.0775	0.00000195	0.0000865	0.000297	0.0013	1.08E-09
2073 Mar	71.6	0.0651	0.0124	0.0011	12.6	0.0394	15.9	0.00097	0.00097	0.00000487	0.00685	0.00107	0.0161	0.0164	0.0000049	17.1	0.000014	0.000227	0.000158	0.000921	0.045	0.0000946	1.17	3.05	0.0195	0.000465	4.65	0.00153	0.0461	0.000105	0.0000947	0.0000618	0.0777	0.00000196	0.0000866	0.000298	0.0013	1.08E-09
2073 Apr	73	0.0664	0.0127	0.00112	12.9	0.0401	16.2	0.000989	0.000989	0.00000496	0.00698	0.00109	0.0164	0.0168	0.00000499	17.4	0.0000142	0.000231	0.000161	0.00094	0.046	0.0000965	1.19	3.11	0.0199	0.000474	4.75	0.00156	0.047	0.000107	0.0000966	0.0000631	0.0793	0.0000002	0.0000883	0.000305	0.00132	1.1E-09
2073 May	87.2	0.0674	0.0167	0.00113	15.4	0.0368	19.8	0.001	0.001	0.00000504	0.00703	0.0013	0.0171	0.0231	0.00000508	22.7	0.0000168	0.0003	0.000287	0.00106	0.0636	0.0000998	1.45	4.17	0.0434	0.000444	5.66	0.00187	0.0499	0.000318	0.000144	0.000086	0.108	0.00000203	0.0000946	0.000566	0.00149	1.12E-09
2073 Jun	89.4	0.051	0.0212	0.00111	16.4	0.0254	15.4	0.00096	0.00096	0.00000482	0.00637	0.00136	0.0134	0.0275	0.00000484	24.6	0.0000191	0.000336	0.000399	0.00104	0.0774	0.00000909	1.59	4.17	0.0658	0.000265	6.11	0.00183	0.0468	0.000543	0.000201	0.0000992	0.124	0.00000194	0.0000813	0.000848	0.00167	1.05E-09
2073 Jul	90.5	0.0486	0.0215	0.00123	16.4	0.0278	14.9	0.00106	0.00106	0.00000531	0.00698	0.0014	0.0141	0.0272	0.00000533	24.3	0.0000205	0.000338	0.000382	0.00108	0.0778	0.00000995	1.62	4.05	0.0623	0.000268	6.19	0.00187	0.0501	0.000512	0.000216	0.0000988	0.122	0.00000213	0.0000843	0.00084	0.00184	1.1E-09
2073 Aug	89.4	0.0486	0.0203	0.00126	16.5	0.0304	14.6	0.00114	0.00114	0.00000569	0.00749	0.0015	0.0146	0.0283	0.00000572	25.1	0.0000214	0.00035	0.00039	0.00113	0.0821	0.000011	1.68	4.13	0.0635	0.00028	6.24	0.00192	0.0546	0.000522	0.000226	0.000102	0.127	0.00000228	0.0000869	0.000861	0.00198	8.03E-10
2073 Sep	80.3	0.048	0.0161	0.00115	14.6	0.0324	15.4	0.00107	0.00107	0.00000539	0.00716	0.0014	0.0151	0.0251	0.00000541	23	0.000019	0.000316	0.000327	0.00106	0.0727	0.0000108	1.52	3.91	0.0521	0.000317	5.51	0.00182	0.0525	0.000416	0.000194	0.0000912	0.113	0.00000216	0.0000848	0.00071	0.0018	5E-10
2073 Oct	78.9	0.061	0.0128	0.00105	13.3	0.0369	20.7	0.000988	0.000988	0.00000496	0.0071	0.00126	0.0175	0.0209	0.000005	21.2	0.0000171	0.00028	0.000248	0.00102	0.0599	0.0000103	1.34	4.1	0.0369	0.000434	4.94	0.00185	0.0505	0.000264	0.00015	0.0000795	0.0981	0.000002	0.000093	0.000513	0.00152	6.4E-10
2073 Nov	80.5	0.0657	0.0127	0.00105	13.3	0.0383	22.3	0.000981	0.000981	0.00000492	0.0072	0.00124	0.0183	0.0203	0.00000497	21.2	0.0000177	0.000277	0.000235	0.00102	0.058	0.0000103	1.32	4.21	0.0342	0.000467	4.94	0.00189	0.0507	0.000236	0.000142	0.0000781	0.0964	0.00000198	0.0000966	0.00048	0.00147	8.26E-10
2073 Dec	80.8	0.0659	0.0128	0.00105	13.3	0.0384	22.4	0.000983	0.000983	0.00000493	0.00722	0.00124	0.0183	0.0204	0.00000498	21.2	0.0000177	0.000277	0.000235	0.00103	0.0581	0.0000103	1.32	4.22	0.0342	0.000469	4.96	0.00189	0.0508	0.000236	0.000142	0.0000782	0.0965	0.00000199	0.0000968	0.00048	0.00148	8.45E-10
2074 Jan	80.9	0.066	0.0128	0.00105	13.3	0.0384	22.4	0.000983	0.000983	0.00000493	0.00722	0.00124	0.0183	0.0204	0.00000498	21.2	0.0000177	0.000277	0.000236	0.00103	0.0581	0.0000103	1.33	4.23	0.0343	0.000469	4.96	0.00189	0.0509	0.000236	0.000142	0.0000783	0.0967	0.00000199	0.0000969	0.000481	0.00148	8.54E-10
2074 Feb	81	0.0661	0.0128	0.00105	13.4	0.0384	22.5	0.000983	0.000983	0.00000493	0.00722	0.00125	0.0183	0.0204	0.00000498	21.3	0.000017	0.000278	0.000236	0.00103	0.0582	0.0000103	1.33	4.24	0.0344	0.000469	4.97	0.0019	0.0509	0.000236	0.000142	0.0000783	0.0969	0.00000199	0.000097	0.000482	0.00148	8.58E-10
2074 Mar	81.2	0.0662	0.0129	0.00106	13.4	0.0384	22.5	0.000985	0.000985	0.00000494	0.00723	0.00125	0.0184	0.0205	0.00000499	21.3	0.0000171	0.000278	0.000237	0.00103	0.0584	0.0000103	1.33	4.24	0.0346	0.00047	4.98	0.0019	0.051	0.000237	0.000143	0.0000785	0.0971	0.00000199	0.0000972	0.000483	0.00148	8.6E-10
2074 Apr	82.5	0.0673	0.0131	0.00107	13.6	0.0391	22.9	0.001	0.001	0.00000502	0.00735	0.00127	0.0187	0.0208	0.00000507	21.7	0.0000173	0.000283	0.000241	0.00105	0.0594	0.0000105	1.35	4.31	0.0352	0.000478	5.06	0.00193	0.0518	0.000241	0.000145	0.0000798	0.0987	0.00000203	0.0000987	0.000492	0.0015

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2077 Jun	83.5	0.0484	0.0187	0.00106	15.4	0.0241	14.4	0.000969	0.000969	0.00000486	0.00667	0.00138	0.0131	0.0276	0.00000488	24.5	0.0000205	0.000342	0.0004	0.00102	0.0791	0.00000958	1.58	4.08	0.0664	0.000245	5.72	0.0018	0.049	0.000549	0.000218	0.0000981	0.124	0.00000195	0.000079	0.000883	0.00178	4.61E-10
2077 Jul	84.3	0.047	0.0182	0.00116	15.4	0.0265	14.3	0.0011	0.0011	0.00000553	0.00776	0.00149	0.0144	0.0284	0.00000555	25.2	0.0000238	0.000365	0.0004	0.00108	0.0835	0.0000111	1.66	4.15	0.0663	0.00025	5.78	0.0019	0.0555	0.000544	0.000253	0.000102	0.127	0.00000222	0.0000842	0.00094	0.0021	3.43E-10
2077 Aug	90.8	0.0503	0.0191	0.00128	16.6	0.0303	15.6	0.00123	0.00123	0.00000615	0.00857	0.00162	0.0161	0.0304	0.00000617	27.1	0.0000257	0.000393	0.00042	0.00118	0.0897	0.0000124	1.8	4.46	0.0694	0.000284	6.22	0.00207	0.0612	0.000567	0.000273	0.000109	0.136	0.00000247	0.0000924	0.000992	0.00231	3.23E-10
2077 Sep	74.8	0.0516	0.0122	0.00106	12.6	0.0344	18	0.00103	0.00103	0.00000514	0.0073	0.00126	0.017	0.0208	0.00000518	20.7	0.0000185	0.000291	0.00047	0.00097	0.0602	0.0000107	1.35	3.8	0.0379	0.000384	4.68	0.00179	0.0507	0.000274	0.000175	0.00008	0.0968	0.00000207	0.0000874	0.000563	0.0017	2.81E-10
2077 Oct	76.4	0.0625	0.0113	0.00105	12.6	0.0377	20.3	0.001	0.001	0.00000503	0.0074	0.00122	0.0181	0.0195	0.00000507	20.3	0.0000176	0.000277	0.000218	0.000984	0.0557	0.0000105	1.3	3.91	0.0316	0.000455	4.61	0.00181	0.0509	0.000209	0.000149	0.0000754	0.0925	0.00000203	0.0000934	0.000473	0.00156	3.7E-10
2077 Nov	77.9	0.0642	0.0116	0.00107	12.8	0.0382	20.7	0.00101	0.00101	0.00000507	0.00748	0.00123	0.0183	0.0197	0.00000511	20.6	0.0000178	0.000279	0.000221	0.000997	0.0563	0.0000106	1.31	3.97	0.0319	0.000463	4.69	0.00184	0.0514	0.000211	0.000149	0.0000762	0.0936	0.00000204	0.0000949	0.000477	0.00156	4.21E-10
2077 Dec	78.1	0.0644	0.0117	0.00107	12.9	0.0382	20.8	0.00101	0.00101	0.00000508	0.00749	0.00123	0.0183	0.0198	0.00000512	20.6	0.0000178	0.00028	0.000221	0.000999	0.0564	0.0000106	1.31	3.98	0.032	0.000464	4.71	0.00184	0.0515	0.000211	0.000149	0.0000764	0.0938	0.00000205	0.0000952	0.000478	0.00157	4.29E-10
2078 Jan	78.3	0.0645	0.0117	0.00107	12.9	0.0382	20.8	0.00101	0.00101	0.00000508	0.0075	0.00123	0.0183	0.0198	0.00000512	20.6	0.0000178	0.00028	0.000222	0.001	0.0565	0.0000106	1.32	3.98	0.0321	0.000465	4.72	0.00184	0.0515	0.000212	0.000149	0.0000765	0.094	0.00000205	0.0000952	0.000479	0.00157	4.32E-10
2078 Feb	78.4	0.0646	0.0118	0.00107	12.9	0.0382	20.8	0.00101	0.00101	0.00000508	0.0075	0.00123	0.0183	0.0199	0.00000512	20.7	0.0000178	0.000281	0.000223	0.001	0.0566	0.0000106	1.32	3.99	0.0322	0.000465	4.72	0.00185	0.0515	0.000213	0.000149	0.0000766	0.0942	0.00000205	0.0000953	0.000481	0.00157	4.34E-10
2078 Mar	78.5	0.0647	0.0118	0.00107	12.9	0.0383	20.8	0.00101	0.00101	0.00000509	0.0075	0.00124	0.0183	0.0199	0.00000513	20.7	0.0000179	0.000281	0.000223	0.001	0.0567	0.0000106	1.32	4	0.0323	0.000465	4.73	0.00185	0.0516	0.000213	0.00015	0.0000767	0.0944	0.00000205	0.0000954	0.000482	0.00157	4.35E-10
2078 Apr	80	0.0659	0.012	0.00109	13.2	0.039	21.2	0.00103	0.00103	0.00000518	0.00764	0.00126	0.0187	0.0203	0.00000522	21.1	0.0000182	0.000287	0.000228	0.00102	0.0578	0.0000108	1.35	4.07	0.033	0.000474	4.82	0.00188	0.0525	0.000218	0.000152	0.0000781	0.0962	0.00000209	0.0000972	0.000491	0.0016	4.44E-10
2078 May	92	0.0656	0.0177	0.0011	16.4	0.0326	20.2	0.00102	0.00102	0.0000051	0.00718	0.00146	0.0166	0.0279	0.00000514	26.2	0.0000195	0.000351	0.000383	0.00113	0.078	0.0000104	1.64	4.71	0.0616	0.000389	5.98	0.00202	0.0529	0.000487	0.000189	0.000101	0.128	0.00000205	0.0000949	0.000789	0.00168	4.55E-10
2078 Jun	91.4	0.054	0.0223	0.00111	17.5	0.024	13.5	0.000961	0.000961	0.00000482	0.00627	0.00144	0.0121	0.0302	0.00000484	26.1	0.0000191	0.000354	0.000449	0.00108	0.0842	0.00000896	1.69	4.2	0.0744	0.000245	6.42	0.00181	0.0476	0.000625	0.000203	0.000105	0.135	0.00000193	0.0000795	0.00093	0.00166	5.89E-10
2078 Jul	101	0.0596	0.0242	0.00125	19.4	0.0275	14.9	0.0011	0.0011	0.00000554	0.00724	0.00164	0.0137	0.0341	0.00000556	29.4	0.0000219	0.0004	0.000503	0.00122	0.0957	0.0000105	1.91	4.69	0.0834	0.000274	7.15	0.00204	0.0551	0.000701	0.000233	0.000118	0.151	0.00000222	0.0000894	0.00105	0.00193	5.9E-10
2078 Aug	93.5	0.0554	0.0212	0.00122	18.3	0.0295	14	0.00113	0.00113	0.00000568	0.00739	0.00166	0.0137	0.0332	0.00000557	28.6	0.0000214	0.000387	0.000477	0.00122	0.0945	0.0000111	1.86	4.51	0.0787	0.000275	6.77	0.00198	0.0572	0.000661	0.00023	0.000114	0.147	0.00000228	0.0000876	0.000997	0.00196	3.48E-10
2078 Sep	88	0.0528	0.0183	0.00118	16.9	0.0321	15.1	0.00112	0.00112	0.00000562	0.00726	0.0016	0.0146	0.0306	0.00000564	27	0.0000197	0.000364	0.000424	0.00117	0.0873	0.0000112	1.76	4.4	0.0692	0.000308	6.27	0.00195	0.0563	0.000573	0.00021	0.000107	0.136	0.00000226	0.0000876	0.000876	0.00188	2.06E-10
2078 Oct	89.2	0.0561	0.0158	0.00111	15.5	0.0354	21.2	0.00106	0.00106	0.00000532	0.00711	0.00148	0.0175	0.0269	0.00000536	25.7	0.0000184	0.000339	0.000359	0.00113	0.0765	0.0000111	1.61	4.75	0.0574	0.000388	5.71	0.00207	0.0537	0.000453	0.000189	0.000101	0.124	0.00000214	0.0000952	0.000729	0.00172	2.33E-10
2078 Nov	90.6	0.0584	0.0153	0.0011	15.2	0.0366	23.3	0.00105	0.00105	0.00000527	0.00715	0.00146	0.0185	0.0261	0.00000532	25.5	0.0000183	0.000335	0.000342	0.00113	0.0739	0.0000111	1.58	4.89	0.0542	0.000418	5.62	0.00212	0.0535	0.00042	0.000184	0.0000992	0.121	0.00000212	0.0000985	0.000691	0.00168	2.79E-10
2078 Dec	90.8	0.0586	0.0154	0.00111	15.3	0.0367	23.3	0.00105	0.00105	0.00000528	0.00716	0.00146	0.0186	0.0261	0.00000532	25.5	0.0000183	0.000335	0.000342	0.00113	0.074	0.0000111	1.58	4.9	0.0542	0.000419	5.63	0.00212	0.0535	0.00042	0.000183	0.0000992	0.121	0.00000213	0.0000987	0.000691	0.00168	2.86E-10
2079 Jan	90.8	0.0586	0.0154	0.00111	15.3	0.0367	23.4	0.00105	0.00105	0.00000528	0.00716	0.00146	0.0186	0.0261	0.00000532	25.6	0.0000183	0.000335	0.000342	0.00114	0.074	0.0000111	1.58	4.91	0.0543	0.000419	5.63	0.00213	0.0535	0.00042	0.000184	0.0000993	0.121	0.00000213	0.0000988	0.000692	0.00168	2.89E-10
2079 Feb	90.9	0.0587	0.0154	0.00111	15.3	0.0367	23.4	0.00105	0.00105	0.00000528	0.00716	0.00146	0.0186	0.0261	0.00000532	25.6	0.0000183	0.000335	0.000343	0.00114	0.0741	0.0000111	1.59	4.91	0.0544	0.000419	5.64	0.00213	0.0536	0.00042	0.000184	0.0000993	0.121	0.00000213	0.0000988	0.000692	0.00168	2.91E-10
2079 Mar	91.1	0.0588	0.0154	0.00111	15.3	0.0368	23.4	0.00105	0.00105	0.00000528	0.00717	0.00146	0.0186	0.0262	0.00000533	25.6	0.0000183	0.000336	0.000344	0.00114	0.0742	0.0000111	1.59	4.92	0.0545	0.00042	5.65	0.00213	0.0537	0.000421	0.000184	0.0000995	0.122	0.00000213	0.000099	0.000694	0.00168	2.92E-10
2079 Apr	92.1	0.0594	0.0156	0.00112	15.5	0.0372	23.7	0.00106	0.00106	0.00000534	0.00724	0.00148	0.0188	0.0265	0.00000539	25.9	0.0000185	0.00034	0.000347	0.00115	0.075	0.0000111	1.61	4.97	0.0551	0.000424	5.71	0.00215	0.0542	0.000425	0.000186	0.000101	0.123	0.00000215	0.0001	0.000702	0.0017	2.95E-10
2079 May	96.7	0.0624	0.0162	0.00116	16.2	0.0387	25.2	0.0011	0.0011	0.00000554	0.00754	0.00154	0.0198	0.0277	0.00000559	27.2	0.0000193	0.000356	0.000365	0.0012	0.0784	0.0000116	1.68	5.26	0.0579	0.000446	5.96	0.00227	0.0564	0.000447	0.000194	0.000106	0.129	0.00000223	0.000105	0.000736	0.00176	2.94E-10
2079 Jun	68.8	0.0307	0.0144	0.00106	10.9	0.0243	13.3	0.000949	0.000949	0.00000476	0.00665	0.00107	0.0136	0.0181	0.00000479	17.2	0.0000199	0.000261	0.000232	0.000824	0.0554	0.00000926	1.2	3.06	0.0372	0.000221	4.23	0.00156	0.0437	0.000287	0.000208	0.0000717	0.0835	0.00000191	0.0000716	0.000619	0.00179	4.31E-10
2079 Jul	58.1	0.0218	0.0118	0.0011	9.14	0.0243	9.39	0.00102	0.00102	0.00000512	0.00725	0.00103	0.0128	0.0156	0.00000514	14.5	0.0000215	0.000241	0.000178	0.00077	0.0511	0.00001	1.1	2.39	0.028	0.000181	3.67	0.0014	0.046	0.00021	0.000224	0.0000621	0.0709	0.00000205	0.0000661	0.000575	0.00199	2.54E-10
2079 Aug	60.2	0.0219	0.0116	0.00118	9.5	0.028	10	0.00112	0.00112	0.00000563	0.00787	0.00113	0.014	0.0166	0.00000565	15.4	0.0000227	0.000254	0.000181	0.000841	0.0548	0.0000112	1.18	2.54	0.0279	0.000203	3.85	0.0015	0.0508	0.000208	0.000237	0.0000658	0.0748	0.00000226	0.0000714	0.000586	0.00215	1.92E-10
2079 Sep	62.3	0.0343	0.00938	0.00107	9.43	0.0328	15.2	0.00103	0.00103	0.00000518	0.00732	0.00109	0.0159	0.0154	0.00000522	15.8	0.0000189	0.000236	0.000154	0.000853	0.0489	0.0000106	1.11	2.99	0.022	0.000314	3.7	0.00158	0.0486	0.000143	0.000184	0.0000631	0.0721	0.00000208	0.0000787	0.00044	0.00179	1.86E-10
2079 Oct	68.1	0.0505	0.0088	0.00103	10.1	0.0367	19.7	0.00099	0.00099	0.00000497	0.00732	0.00109	0.0177	0.0154	0.00000501	16.9	0.0000177	0.000235	0.000149	0.0009	0.047	0.0000104	1.12	3.47	0.0198	0.000414	3.83	0.0017	0.0488	0.000112	0.000153	0.0000634	0.0744	0.000002	0.0000886	0.000376	0.00159	2.3E-10
2079 Nov	71.9	0.0594	0.00905	0.00103	10.8	0.0384	21.4	0.000982	0.000982	0.00000493	0.00743	0.0011	0.0184	0.0159	0.00000497	17.7	0.0000175	0.00024	0.000155	0.000936	0.0476	0.0000103	1.14	3.7	0.0202	0.000459	4	0.00176	0.0496	0.00011	0.000141	0.0000647	0.0775	0.00000199	0.0000937	0.000366	0.00151	2.67E-10
2079 Dec	74.4	0.0654	0.00943	0.00104	11.3	0.0393	22.1	0.00098	0.00098	0.00000492	0.00751	0.00112	0.0187	0.0166	0.00000496	18.4	0.0000175	0.000246	0.000164	0.000961	0.0486	0.0000103	1.17	3.82	0.0213	0.000484	4.16	0.00179	0.0502	0.000117	0.000135	0.000066	0.0804	0.00000198	0.0000966	0.000369	0.00147	2.84E-10
2080 Jan	74.7	0.0656	0.00958	0.00104	11.4	0.0393	22.1	0.00098	0.00098	0.00000492	0.00751	0.00113	0.0187	0.0167	0.00000497	18.5	0.0000175	0.000247	0.000167	0.000964	0.049	0.0000103	1.18	3.84	0.0218	0.000484	4.18	0.0018	0.0503	0.00012	0.000135	0.0000663	0.081	0.00000198	0.0000967	0.000374	0.00148	2.92E-10
2080 Feb	75	0.0657	0.00967	0.00104	11.5	0.0392	22.1	0.000981	0.000981	0.00000492	0.0075	0.00113	0.0187	0.0168	0.00000497	18.6	0.0000175	0.000248	0.000169	0.000966	0.0493	0.0000103	1.18	3.85	0.0222	0.000483	4.21	0.0018	0.0503	0.000122	0.000136	0.0000665	0.0816	0.00000198	0.0000968	0.000378	0.00148	2.95E-10
2080 Mar	75.2	0.0657	0.00973	0.00104	11.5	0.0392	22.1	0.000981	0.000981	0.00000492	0.0075	0.00113	0.0187	0.0169	0.00000497	18.6	0.0000175	0.000249	0.00017	0.000968	0.0495	0.0000103	1.19	3.86	0.0225	0.000483	4.22	0.0018	0.0504	0.000124	0.000136	0.0000667	0.0819	0.00000199	0.0000968	0.00038	0.00148	2.96E-10
2080 Apr	75.8	0.0662	0.00983	0.00105	11.6	0.0395	22.3	0.000988	0.000988	0.00000496	0.00756	0.00114	0.0188	0.0171	0.00000501	18.8	0.0000177	0.000251	0.000172	0.000975	0.0499	0.0000104	1.2	3.89	0.0228	0.000487	4.26	0.00182	0.0508	0.000125	0.000137	0.0000672	0.0826	0.000002	0.0000976	0.000384	0.00149	2.99E-10
2080 May	79.4	0.0694	0.0103	0.0011	12.2	0.0414	23.3	0.00104	0.00104	0.00000502	0.00792	0.0012	0.0197	0.0179	0.00000525	19.7	0.0000185	0.000263	0.000181	0.00102	0.0524	0.0000109	1.25	4.08	0.024	0.00051	4.46	0.00191	0.0532	0.000132	0.000144	0.0000705	0.0867	0.00000211	0.0001002	0.000404	0.00156	3.13E-10
2080 Jun	86.5	0.0384	0.0121	0.00109	10.1	0.0293	14.4	0.00098	0.00098	0.00000494	0.00716	0.00102	0.0149	0.0154	0.00000497	15.5	0.0000196	0.000236	0.000167	0.000827	0.0479	0.0000967	1.21	2.88	0.0244	0.000293	3.91	0.00154	0.0455	0.000164	0.000185	0.0000623	0.0723	0.00000198	0.0000773	0.000482	0.00174	3.77E-10
2080 Jul	56.9	0.0232	0.011	0.00111	8.7	0.0265	9.79	0.00103	0.00103	0.00000514	0.00726	0.000991	0.0132	0.0141	0.00000516	13.5	0.0000206	0.000223	0.000146	0.000765	0.047	0.00001	1.05	2.27	0.0217	0.000207	3.52	0.00137	0.0458	0.000152	0.000208	0.0000572	0.0646	0.00000206	0.0000674	0.000494	0.00193	2.73E-10
2080 Aug	54.9	0.0214	0.00966	0.00113	8.51	0.0299	10	0.00108	0.00108	0.0000054	0.0074	0.00105	0.0137	0.0143	0.00000541	13.7	0.0000198	0.000219	0.000137	0.000804	0.0482	0.0000108	1.06	2.3	0.0196	0.000225	3.5	0.0014	0.0485	0.000135	0.000202	0.0000575	0.0648	0.00000216	0.000069	0.000455	0.00195	1.82E-10
2080 Sep	56.6	0.0284	0.00844	0.00107	8.86	0.0341	13	0.00103	0.00103	0.00000518	0.00693	0.00106	0.0151	0.0142	0.0000052	14.4	0.0000164	0.000213	0.000126	0.000818	0.0449	0.0000106	1.06	2.59	0.017	0.000306	3.52	0.00146	0.047	0.000102	0.000162	0.0000584	0.0658	0.00000208	0.0000731	0.000353	0.00171	1.65E-10
2080 Oct	62.3	0.0416	0.00817	0.00104	9.58	0.0372	16.7	0.001	0.001	0.00000503	0.00697	0.00107	0.0167	0.0145	0.00000507	15.6	0.0000156	0.000219	0.000128	0.000862	0.0442	0.0000104	1.08	3.03	0.0163	0.000387	3.67	0.00157	0.0474	0.0000856	0.00014	0.0000601	0.0692	0.00000203	0.0000816	0.000316	0.00156	1.92E-10
2080 Nov	66.5	0.0508	0.00821	0.00103	10.1	0.0388	19.2	0.000988	0.000988	0.00000496	0.00707	0.00108	0.0177	0.015	0.000005	16.5	0.0000156	0.000225	0.000135	0.000896	0.0446	0.0000103	1.1	3.34	0.0169	0.000436	3.8	0.00166	0.048	0.0000839	0.000131	0.0000618	0.0723	0.000002	0.0000876	0.000309	0.00149	1.94E-10
2080 Dec	67.3	0.0518	0.00837	0.00103	10.3	0.0389	19.4	0.000989	0.000989	0.00000496	0.0071	0.00108	0.0178	0.0151	0.000005	16.7	0.0000157	0.000227	0.000137	0.000901	0.0449	0.0000104	1.11	3.38	0.0172	0.00044	3.84	0.00167	0.0481	0.0000861	0.00013	0.0000622	0.073	0.000002	0.0000883	0.000312	0.00148	2.05E-10
2081 Jan	67.5	0.0519	0.00844	0.00103	10.3	0.0389	19.4	0.000989	0.000989	0.00000496	0.0071	0.00109	0.0178	0.0152	0.000005	16.7	0.0000157	0.000228	0.000138	0.000903	0.045	0.0000104	1.11	3.39	0.0174	0.00044	3.85	0.00167	0.0482	0.0000875	0.000131	0.0000624	0.0733	0.000002	0.0000884	0.000314	0.00149	2.09E-10
2081 Feb	67.7	0.052	0.00849	0.00103	10.3	0.0389	19.4	0.00099	0.00099	0.00000496	0.0071	0.00109	0.0178	0.0153	0.00000501	16.8	0.0000157	0.000228	0.000139	0.000905	0.0452	0.0000104	1.11	3.4	0.0177	0.00044	3.87	0.00167	0.0482	0.0000888	0.000131	0.0000625	0.0737	0.000002	0.0000885	0.000317	0.00149	2.11E-10
2081 Mar	67.8	0.0521	0.00853	0.00104	10.4	0.0389	19.5	0.000991	0.000991	0.00000497	0.00711	0.00109	0.0178	0.0153	0.00000501	16.8	0.0000158	0.000229	0.00014	0.000906	0.0454	0.0000104	1.12	3.41	0.0178	0.000441	3.88	0.00168	0.0483	0.0000895	0.000131	0.0000626	0.0739	0.000002	0.0000886	0.000318	0.00149	2.12E-10
2081 Apr	68.6	0.0527	0.00864	0.00105	10.5	0.0394	19.7	0.001	0.001	0.00000502	0.00718	0.0011	0.018	0.0155	0.00000506	17.1	0.0000159	0.000232	0.000142	0.000917	0.0459	0.0000105	1.13	3.45	0.0181	0.000445	3.92	0.0017	0.0488	0.000091	0.000133	0.0000633	0.0748	0.00000202	0.0000895	0.000323	0.0015	2.14E-10
2081 May	83.3	0.0602	0.0149	0.00108	14.7	0.0338	18.5	0.00101	0.00101	0.00000508	0.0071	0.00137	0.0162	0.0248	0.00000512	23.5	0.0000183	0.000315	0.000322	0.00106	0.0702	0.0000104	1.5	4.22	0.0505	0.000385	5.37	0.00188	0.0518	0.000389	0.000172	0.0000899	0.113	0.00000204	0.0000906	0.000668	0.00163	2.49E-10
2081 Jun	89.4	0.0533	0.0209	0.00113	16.7	0.0255	14.1	0.000983	0.000983	0.00000493	0.00653	0.00141	0.0128	0.0288	0.00000495	25.2	0.0000195	0.000345	0.000418	0.00107	0.0809	0.00000931	1.64	4.11	0.0687	0.000262	6.15	0.00181	0.0486	0.00057	0.000203	0.000101	0.129	0.00000198	0.0000811	0.000881	0.0017	4.42E-10
2081 Jul	104	0.0612	0.0244	0.00134	19.4	0.0302	16.4	0.00117	0.00117	0.00000586	0.00777	0.00165	0.0152	0.0334	0.00000589	29.3	0.0000231	0.000402	0.000482	0.00125	0.0943	0.0000111	1.92	4.77	0.0792	0.000305	7.16	0.00212	0.0574	0.000656	0.000242	0.000118	0.149	0.00000235	0.0000952	0.00103	0.00203	5.21E-10
2081 Aug	119	0.0703	0.0277	0.00154	22.3	0.0355	18.7	0.00136	0.00136	0.00000681	0.009	0.00191	0.0175	0.0384	0.00000684	33.7	0.0000265	0.000462	0.000551	0.00145	0.109	0.0000129	2.21	5.46	0.0905	0.000356	8.23	0.00244	0.0667	0.000749	0.000276	0.000135	0.172	0.00000273	0.00011	0.00117	0.00235	5.74E-10
2081 Sep	101	0.0648	0.0214	0.00133	19.2	0.0345	16.8	0.00123	0.00123	0.00000617	0.00828	0.00173	0.0165	0.0337	0.0000062	29.9	0.0000232	0.000411	0.00047	0.00129	0.0952	0.0000122	1.95	4.85	0.0766	0.000356	7.02	0.00216	0.0617	0.000625	0.000237	0.000118	0.151	0.00000248	0.0000991	0.000993	0.0021	2.85E-10
2081 Oct	96.1	0.0662	0.0187	0.00124	17.9	0.0355	18.4	0.00118	0.00118	0.00000589	0.00808	0.00164	0.0171	0.0312	0.00000592	28.5	0.0000219	0.000388	0.000425	0.00124	0.0879	0.0000118	1.83	4.8	0.0685	0.000388	6.5	0.00212	0.0598	0.000548	0.000217	0.000111	0.141	0.00000237	0.0000993	0.000891

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2084 Dec	82.3	0.066	0.0119	0.00104	13.5	0.0379	22.4	0.000991	0.000991	0.00000497	0.00722	0.00129	0.0184	0.0218	0.00000502	22.3	0.0000173	0.000294	0.000261	0.00104	0.0614	0.0000104	1.39	4.37	0.0391	0.000466	4.86	0.00193	0.0513	0.000278	0.000149	0.0000832	0.103	0.00000201	0.0000972	0.00053	0.00151	1.23E-10
2085 Jan	82.4	0.066	0.0119	0.00104	13.5	0.0379	22.4	0.000992	0.000992	0.00000498	0.00722	0.00129	0.0184	0.0218	0.00000502	22.4	0.0000173	0.000295	0.000262	0.00104	0.0615	0.0000104	1.39	4.37	0.0392	0.000467	4.87	0.00194	0.0513	0.000278	0.000149	0.0000833	0.103	0.00000201	0.0000973	0.000531	0.00151	1.24E-10
2085 Feb	82.5	0.0661	0.0119	0.00104	13.6	0.0379	22.4	0.000992	0.000992	0.00000498	0.00722	0.00129	0.0184	0.0219	0.00000502	22.4	0.0000173	0.000295	0.000263	0.00105	0.0616	0.0000104	1.39	4.38	0.0393	0.000467	4.88	0.00194	0.0514	0.000278	0.000149	0.0000834	0.103	0.00000201	0.0000973	0.000532	0.00151	1.25E-10
2085 Mar	82.6	0.0662	0.012	0.00104	13.6	0.038	22.5	0.000993	0.000993	0.00000498	0.00722	0.00129	0.0185	0.0219	0.00000503	22.4	0.0000173	0.000295	0.000263	0.00105	0.0617	0.0000104	1.39	4.38	0.0395	0.000467	4.88	0.00194	0.0514	0.000279	0.000149	0.0000835	0.103	0.00000201	0.0000974	0.000534	0.00151	1.25E-10
2085 Apr	83.4	0.0668	0.0121	0.00105	13.7	0.0383	22.7	0.001	0.001	0.00000503	0.00729	0.00131	0.0186	0.0221	0.00000508	22.7	0.0000175	0.000298	0.000266	0.00106	0.0623	0.0000105	1.41	4.43	0.0399	0.000472	4.93	0.00196	0.0519	0.000282	0.000151	0.0000843	0.104	0.00000203	0.0000984	0.000539	0.00153	1.27E-10
2085 May	93.6	0.069	0.0158	0.00106	16	0.0348	23.5	0.00101	0.00101	0.00000505	0.00721	0.00147	0.0181	0.0276	0.00000509	26.8	0.0000191	0.000351	0.000375	0.00115	0.077	0.0000105	1.63	5.06	0.0599	0.000434	5.75	0.00213	0.0535	0.000465	0.000182	0.000102	0.128	0.00000203	0.0001	0.000755	0.00162	1.3E-10
2085 Jun	97.7	0.0616	0.0214	0.00111	18.2	0.027	17.8	0.000999	0.000999	0.00000501	0.00675	0.00156	0.0144	0.0323	0.00000504	28.8	0.0000203	0.000384	0.000479	0.00117	0.0901	0.00000983	1.8	4.88	0.0795	0.000304	6.58	0.00204	0.052	0.00066	0.000214	0.000114	0.145	0.00000201	0.0000896	0.000982	0.00173	2.49E-10
2085 Jul	103	0.0651	0.0223	0.00121	19.5	0.03	18.6	0.00111	0.00111	0.00000558	0.00751	0.00172	0.0155	0.0352	0.00000562	31.2	0.0000224	0.000418	0.000517	0.00128	0.099	0.0000111	1.96	5.23	0.0858	0.000325	7.07	0.0022	0.0582	0.000714	0.000237	0.000123	0.158	0.00000224	0.0000967	0.00107	0.00194	2.11E-10
2085 Aug	92.3	0.0567	0.0185	0.00114	17.3	0.0318	17.6	0.0011	0.0011	0.00000549	0.00721	0.00163	0.0153	0.0318	0.00000552	28.4	0.00002	0.000378	0.00045	0.0012	0.0903	0.0000111	1.8	4.8	0.0739	0.000324	6.35	0.00206	0.0565	0.000611	0.000214	0.000112	0.142	0.00000221	0.0000914	0.00092	0.00185	1.07E-10
2085 Sep	87.4	0.0562	0.0137	0.00105	14.5	0.037	23.4	0.00101	0.00101	0.00000508	0.00678	0.00141	0.0185	0.0248	0.00000513	24.6	0.0000165	0.000321	0.00032	0.00109	0.0696	0.0000107	1.52	4.78	0.0504	0.000427	5.27	0.00207	0.0512	0.000384	0.000167	0.0000958	0.116	0.00000205	0.0000961	0.000627	0.00157	9.72E-11
2085 Oct	89.3	0.0652	0.0121	0.00103	13.6	0.0399	27.6	0.000972	0.000972	0.00000488	0.00692	0.0013	0.0206	0.0217	0.00000494	23.3	0.0000162	0.000298	0.000263	0.00107	0.0605	0.0000104	1.4	4.95	0.0395	0.000505	4.9	0.00213	0.0499	0.000275	0.000146	0.0000881	0.105	0.00000197	0.000104	0.000505	0.00143	1.25E-10
2085 Nov	89.9	0.0695	0.0123	0.00104	13.6	0.0403	27.5	0.000963	0.000963	0.00000484	0.00702	0.00125	0.0206	0.0207	0.0000049	22.6	0.0000163	0.000288	0.000244	0.00106	0.0575	0.0000101	1.36	4.83	0.0357	0.000521	4.86	0.0021	0.0494	0.000239	0.000137	0.0000841	0.101	0.00000196	0.000105	0.000469	0.00139	1.73E-10
2085 Dec	90	0.0697	0.0124	0.00105	13.6	0.0404	27.5	0.000964	0.000964	0.00000485	0.00703	0.00125	0.0205	0.0207	0.00000491	22.6	0.0000164	0.000288	0.000245	0.00106	0.0576	0.0000101	1.37	4.83	0.0358	0.000521	4.87	0.0021	0.0495	0.000239	0.000137	0.0000841	0.101	0.00000196	0.000105	0.00047	0.00139	1.75E-10
2086 Jan	90.1	0.0698	0.0124	0.00105	13.6	0.0403	27.5	0.000965	0.000965	0.00000485	0.00703	0.00126	0.0205	0.0208	0.00000491	22.6	0.0000164	0.000288	0.000245	0.00107	0.0577	0.0000101	1.37	4.83	0.0359	0.000521	4.88	0.0021	0.0495	0.00024	0.000137	0.0000841	0.101	0.00000196	0.000105	0.000472	0.00139	1.76E-10
2086 Feb	90.2	0.0698	0.0124	0.00105	13.6	0.0403	27.5	0.000965	0.000965	0.00000485	0.00703	0.00126	0.0205	0.0208	0.00000491	22.7	0.0000164	0.000289	0.000247	0.00107	0.0578	0.0000101	1.37	4.84	0.0361	0.00052	4.89	0.0021	0.0495	0.000241	0.000137	0.0000842	0.101	0.00000196	0.000105	0.000474	0.00139	1.77E-10
2086 Mar	90.4	0.0699	0.0125	0.00105	13.7	0.0403	27.5	0.000966	0.000966	0.00000485	0.00704	0.00126	0.0205	0.0209	0.00000491	22.7	0.0000164	0.00029	0.000247	0.00107	0.058	0.0000101	1.37	4.85	0.0362	0.000521	4.9	0.0021	0.0496	0.000242	0.000138	0.0000844	0.102	0.00000196	0.000105	0.000475	0.00139	1.77E-10
2086 Apr	91.6	0.0709	0.0127	0.00106	13.9	0.0409	27.8	0.000979	0.000979	0.00000485	0.00713	0.00128	0.0208	0.0212	0.00000498	23	0.0000167	0.000293	0.000251	0.00108	0.0588	0.0000103	1.39	4.91	0.0368	0.000528	4.97	0.00213	0.0502	0.000245	0.00014	0.0000855	0.103	0.00000199	0.000107	0.000482	0.00141	1.79E-10
2086 May	97.2	0.0741	0.0139	0.00109	15	0.0411	29	0.00101	0.00101	0.00000509	0.00738	0.00138	0.0214	0.0237	0.00000515	25.2	0.0000179	0.000322	0.000295	0.00115	0.0657	0.0000107	1.51	5.29	0.0445	0.000534	5.36	0.00226	0.0527	0.000313	0.000155	0.000094	0.114	0.00000206	0.000111	0.000571	0.0015	1.67E-10
2086 Jun	77.9	0.041	0.0168	0.00108	13.2	0.025	14.1	0.000959	0.000959	0.00000481	0.00662	0.00121	0.0135	0.0224	0.00000484	20.5	0.0000197	0.000295	0.000307	0.000927	0.0657	0.00000927	1.38	3.54	0.05	0.000245	4.95	0.00168	0.0457	0.000401	0.000205	0.0000838	0.102	0.00000193	0.0000765	0.000724	0.00174	2.48E-10
2086 Jul	74.1	0.0341	0.0155	0.00119	12.2	0.0271	12.6	0.00109	0.00109	0.00000547	0.00762	0.00124	0.0143	0.0211	0.0000055	19.3	0.0000226	0.000295	0.000268	0.000935	0.0647	0.0000106	1.37	3.24	0.0431	0.000231	4.72	0.00168	0.0507	0.000339	0.000236	0.0000802	0.0954	0.00000022	0.0000779	0.000716	0.00206	2.05E-10
2086 Aug	70.2	0.0306	0.013	0.00118	11.3	0.0305	13.7	0.00112	0.00112	0.00000559	0.00761	0.00125	0.0152	0.0199	0.00000562	18.7	0.0000212	0.000281	0.000237	0.00094	0.062	0.0000112	1.32	3.25	0.0374	0.000257	4.43	0.0017	0.0518	0.000287	0.000224	0.0000776	0.0906	0.00000224	0.000079	0.000632	0.00203	1.23E-10
2086 Sep	70.5	0.0355	0.0101	0.00107	10.6	0.0358	19.1	0.00104	0.00104	0.00000519	0.00693	0.00117	0.0178	0.0174	0.00000523	18.2	0.0000168	0.000258	0.000186	0.000909	0.0519	0.0000108	1.22	3.6	0.0277	0.000364	4.03	0.00178	0.048	0.000185	0.000173	0.0000738	0.0827	0.00000209	0.0000844	0.000446	0.00171	8.17E-11
2086 Oct	73	0.0429	0.0094	0.00106	10.7	0.0381	21.5	0.00102	0.00102	0.00000513	0.007	0.00117	0.019	0.0171	0.00000517	18.6	0.0000164	0.000257	0.000176	0.00093	0.0502	0.0000108	1.21	3.84	0.0254	0.000417	4.02	0.00184	0.0483	0.000157	0.000159	0.0000734	0.0826	0.00000207	0.0000898	0.000404	0.00162	7.11E-11
2086 Nov	73.6	0.0437	0.00947	0.00106	10.8	0.0384	21.8	0.00103	0.00103	0.00000516	0.00706	0.00118	0.0192	0.0172	0.00000521	18.8	0.0000165	0.000259	0.000178	0.000938	0.0505	0.0000108	1.22	3.88	0.0255	0.000422	4.06	0.00186	0.0487	0.000158	0.00016	0.0000739	0.0833	0.00000208	0.0000907	0.000406	0.00163	7.28E-11
2086 Dec	73.8	0.0439	0.0095	0.00106	10.8	0.0385	21.8	0.00103	0.00103	0.00000517	0.00707	0.00118	0.0192	0.0172	0.00000521	18.8	0.0000165	0.00026	0.000178	0.00094	0.0506	0.0000108	1.22	3.88	0.0256	0.000423	4.06	0.00186	0.0488	0.000158	0.00016	0.000074	0.0834	0.00000208	0.0000909	0.000407	0.00163	7.38E-11
2087 Jan	73.9	0.0439	0.00952	0.00107	10.9	0.0385	21.8	0.00103	0.00103	0.00000517	0.00707	0.00118	0.0192	0.0172	0.00000522	18.8	0.0000165	0.00026	0.000178	0.00094	0.0507	0.0000109	1.23	3.89	0.0256	0.000423	4.07	0.00187	0.0488	0.000158	0.00016	0.0000741	0.0835	0.00000208	0.0000911	0.000407	0.00163	7.43E-11
2087 Feb	74	0.044	0.00954	0.00107	10.9	0.0385	21.9	0.00103	0.00103	0.00000517	0.00708	0.00118	0.0192	0.0173	0.00000522	18.8	0.0000165	0.00026	0.000179	0.000941	0.0508	0.0000109	1.23	3.89	0.0257	0.000424	4.07	0.00187	0.0488	0.000159	0.00016	0.0000742	0.0837	0.00000209	0.0000911	0.000408	0.00163	7.46E-11
2087 Mar	74.2	0.0442	0.00958	0.00107	10.9	0.0386	21.9	0.00103	0.00103	0.00000519	0.0071	0.00118	0.0193	0.0173	0.00000523	18.9	0.0000166	0.000261	0.00018	0.000944	0.0509	0.0000109	1.23	3.91	0.0259	0.000425	4.09	0.00187	0.049	0.000159	0.000161	0.0000744	0.084	0.00000209	0.0000913	0.00041	0.00164	7.48E-11
2087 Apr	74.7	0.0445	0.00965	0.00108	11	0.0389	22.1	0.00104	0.00104	0.00000522	0.00714	0.00119	0.0194	0.0175	0.00000527	19	0.0000167	0.000263	0.000181	0.000951	0.0513	0.000011	1.24	3.93	0.0261	0.000428	4.12	0.00189	0.0493	0.000161	0.000162	0.0000749	0.0846	0.00000211	0.0000919	0.000413	0.00165	7.52E-11
2087 May	82.5	0.05	0.0125	0.00109	12.9	0.0369	22.4	0.00104	0.00104	0.00000523	0.00715	0.00131	0.0189	0.0215	0.00000528	22	0.0000178	0.000299	0.000258	0.00102	0.0617	0.0000109	1.4	4.35	0.0398	0.000414	4.77	0.00199	0.0508	0.000286	0.000177	0.0000865	0.102	0.00000211	0.0000943	0.000558	0.00169	9.68E-11
2087 Jun	91.4	0.0559	0.0201	0.00108	17.2	0.0258	15.8	0.00099	0.00099	0.00000496	0.00666	0.0015	0.0136	0.0309	0.00000499	27.3	0.0000201	0.00037	0.000455	0.00111	0.0869	0.00000975	1.73	4.53	0.0757	0.000276	6.24	0.00193	0.0509	0.00063	0.000214	0.000108	0.139	0.00000199	0.0000843	0.000951	0.00175	1.8E-10
2087 Jul	88.7	0.0536	0.019	0.00113	16.9	0.0276	14.7	0.00107	0.00107	0.00000537	0.00723	0.00157	0.0138	0.0312	0.00000539	27.4	0.0000214	0.000376	0.000449	0.00114	0.0893	0.0000107	1.76	4.44	0.0745	0.000272	6.2	0.00194	0.055	0.000621	0.000229	0.000109	0.139	0.00000216	0.0000854	0.000963	0.00192	1.13E-10
2087 Aug	93.9	0.0559	0.0197	0.00124	17.9	0.0312	15.7	0.00118	0.00118	0.00000594	0.00793	0.0017	0.0151	0.0332	0.00000596	29.1	0.000023	0.000399	0.00047	0.00124	0.0956	0.0000119	1.89	4.72	0.0776	0.000298	6.6	0.00208	0.0605	0.000646	0.000246	0.000116	0.147	0.00000238	0.0000923	0.00101	0.0021	9.84E-11
2087 Sep	92.3	0.0563	0.0181	0.00123	17.2	0.0336	17	0.00119	0.00119	0.00000597	0.00801	0.00167	0.0161	0.0317	0.000006	28.3	0.0000224	0.000386	0.000438	0.00124	0.0917	0.0000121	1.83	4.72	0.0715	0.000328	6.36	0.0021	0.0607	0.000588	0.000236	0.000112	0.142	0.0000024	0.0000948	0.000938	0.00207	7.21E-11
2087 Oct	88.7	0.0574	0.0152	0.00115	15.5	0.0354	20	0.00112	0.00112	0.00000563	0.00772	0.00154	0.0174	0.028	0.00000567	26.2	0.0000207	0.000352	0.000372	0.00117	0.0809	0.0000116	1.67	4.72	0.0595	0.000376	5.72	0.00208	0.0576	0.000474	0.000209	0.000102	0.127	0.00000227	0.0000968	0.000789	0.00188	4.93E-11
2087 Nov	88.6	0.0591	0.0143	0.00113	15	0.0364	21.8	0.0011	0.0011	0.00000551	0.00766	0.00149	0.0181	0.0266	0.00000555	25.6	0.0000201	0.000341	0.000347	0.00116	0.0768	0.0000115	1.61	4.78	0.055	0.000402	5.51	0.0021	0.0565	0.000429	0.000199	0.0000988	0.122	0.00000222	0.0000989	0.000733	0.00181	5.04E-11
2087 Dec	88.8	0.0593	0.0143	0.00113	15	0.0365	21.9	0.0011	0.0011	0.00000551	0.00766	0.00149	0.0181	0.0266	0.00000556	25.6	0.0000201	0.000341	0.000347	0.00116	0.0768	0.0000115	1.61	4.79	0.0549	0.000404	5.51	0.0021	0.0566	0.000429	0.000199	0.0000988	0.122	0.00000222	0.0000991	0.000732	0.00181	5.22E-11
2088 Jan	88.9	0.0594	0.0144	0.00113	15	0.0365	21.9	0.0011	0.0011	0.00000552	0.00767	0.0015	0.0182	0.0266	0.00000556	25.6	0.0000202	0.000341	0.000347	0.00116	0.0769	0.0000115	1.61	4.8	0.055	0.000404	5.52	0.00211	0.0566	0.000429	0.000199	0.0000989	0.122	0.00000222	0.0000992	0.000733	0.00181	5.29E-11
2088 Feb	89	0.0594	0.0144	0.00113	15.1	0.0365	21.9	0.0011	0.0011	0.00000552	0.00767	0.0015	0.0182	0.0266	0.00000556	25.7	0.0000202	0.000341	0.000348	0.00116	0.077	0.0000115	1.61	4.8	0.0551	0.000404	5.52	0.00211	0.0566	0.000429	0.000199	0.0000989	0.122	0.00000222	0.0000993	0.000734	0.00181	5.33E-11
2088 Mar	89.3	0.0596	0.0144	0.00113	15.1	0.0366	22	0.0011	0.0011	0.00000553	0.00769	0.0015	0.0183	0.0267	0.00000558	25.7	0.0000202	0.000343	0.000349	0.00116	0.0772	0.0000115	1.62	4.82	0.0553	0.000406	5.54	0.00212	0.0568	0.000431	0.0002	0.0000993	0.123	0.00000223	0.0000996	0.000737	0.00182	5.36E-11
2088 Apr	91.6	0.0611	0.0148	0.00116	15.5	0.0376	22.5	0.00113	0.00113	0.00000567	0.00788	0.00154	0.0187	0.0274	0.00000572	26.4	0.0000207	0.000351	0.000358	0.00119	0.0792	0.0000118	1.66	4.94	0.0568	0.000416	5.69	0.00217	0.0582	0.000442	0.000205	0.000102	0.126	0.00000228	0.000102	0.000756	0.00186	5.49E-11
2088 May	96.9	0.0648	0.0157	0.00123	16.4	0.0397	23.8	0.00119	0.00119	0.00000599	0.00833	0.00163	0.0198	0.029	0.00000604	28	0.0000219	0.000372	0.00038	0.00126	0.0839	0.0000125	1.76	5.23	0.0602	0.00044	6.02	0.0023	0.0616	0.000467	0.000217	0.000108	0.134	0.00000241	0.000108	0.0008	0.00197	5.76E-11
2088 Jun	69.6	0.0338	0.0117	0.00105	10.2	0.0278	17	0.001	0.001	0.00000502	0.00732	0.00113	0.016	0.018	0.00000505	18	0.0000214	0.000272	0.000218	0.000867	0.0563	0.0000104	1.21	3.47	0.0346	0.000275	3.94	0.00172	0.0482	0.000252	0.000221	0.000073	0.0843	0.00000202	0.0000799	0.000609	0.0019	7.73E-11
2088 Jul	67.3	0.0283	0.0116	0.00117	9.84	0.0285	14.4	0.00113	0.00113	0.00000566	0.00831	0.00118	0.0162	0.0176	0.00000569	17.3	0.0000247	0.000281	0.0002	0.000879	0.0577	0.0000116	1.24	3.14	0.0317	0.000246	3.9	0.00171	0.053	0.000226	0.000256	0.0000719	0.0816	0.00000227	0.0000801	0.000648	0.00223	6.46E-11
2088 Aug	78.7	0.0334	0.0135	0.00138	11.6	0.0342	16.8	0.00134	0.00134	0.00000669	0.00977	0.00139	0.0191	0.0207	0.00000673	20.3	0.0000287	0.00033	0.000233	0.00104	0.0677	0.0000137	1.46	3.67	0.0367	0.000295	4.6	0.00201	0.0626	0.000261	0.000298	0.0000844	0.0958	0.00000269	0.0000943	0.00075	0.00262	7.26E-11
2088 Sep	77.4	0.0344	0.0127	0.00137	11.4	0.0353	17	0.00133	0.00133	0.00000667	0.00971	0.00138	0.0193	0.0202	0.0000067	20	0.000028	0.000324	0.000221	0.00103	0.0659	0.0000137	1.44	3.64	0.0343	0.000311	4.51	0.00199	0.0623	0.000238	0.000288	0.0000827	0.0937	0.00000268	0.0000945	0.000712	0.00257	5.76E-11
2088 Oct	71.9	0.0499	0.00888	0.00111	10.3	0.0366	20.5	0.00108	0.00108	0.00000541	0.0082	0.00116	0.019	0.0164	0.00000546	18	0.0000214	0.000265	0.000164	0.000937	0.0512	0.0000113	1.2	3.68	0.0229	0.000409	3.86	0.00183	0.053	0.000131	0.000193	0.0000686	0.0794	0.00000218	0.0000937	0.000471	0.00187	4.39E-11
2088 Nov	74.1	0.0573	0.00873	0.00108	10.6	0.0381	22.2	0.00105	0.00105	0.00000526	0.00809	0.00114	0.0195	0.0163	0.0000053	18.3	0.0000204	0.000261	0.00016	0.000952	0.0498	0.0000111	1.19	3.84	0.0216	0.000451	3.9	0.00186	0.0525	0.000116	0.000175	0.0000679	0.0797	0.00000212	0.0000972	0.000432	0.00174	6.2E-11
2088 Dec	74.4	0.0576	0.00878	0.00108	10.6	0.0382	22.2	0.00105	0.00105	0.00000526	0.0081	0.00115	0.0196	0.0163	0.00000531	18.3	0.0000204	0.000261	0.000161	0.000954	0.0499	0.0000111	1.19	3.85	0.0217	0.000453	3.92	0.00187	0.0526	0.000117	0.000175	0.0000681	0.0799	0.00000212	0.0000974	0.000433	0.00174	6.38E-11
2091 Jan	74.5	0.0576	0.00881	0.00108	10.6	0.0382	22.3	0.00105	0.00105	0.00000526	0.0081	0.00115	0.0196	0.0164	0.00000531	18.3	0.0000204	0.000262	0.000161	0.000954	0.05	0.0000111	1.19	3.86	0.0218	0.000453	3.92	0.00187	0.0526	0.000117	0.000175	0.0000682	0.08	0.00000212	0.0000975	0.000434	0.00174	6.45E-11
2091 Feb	74.6	0.0577	0.00884	0.00108	10.6	0.0382	22.3	0.00105	0.00105	0.00000527	0.0081	0.00115	0.0196	0.0164	0.00000531	18.4	0.0000205	0.000262	0.000162	0.000957	0.0501	0.0000111	1.2	3.86	0.0219	0.000453	3.93	0.00187	0.0526	0.000118	0.000175	0.0000683	0.0802	0.00000212	0.0000976	0.000435	0.00174	6.48E-11
2091 Mar	74.9	0.058	0.00888	0.00109	10.7	0.0383	22.4	0.00105	0.00105	0.00000528	0.00813	0.00115	0.0197	0.0165	0.00000533	18.5	0.0000205	0.000263	0.000163	0.00096	0.0504	0.0000111	1.2	3.88	0.0221	0.000455	3.95	0.00188	0.0528	0.000119	0.000175	0.0000685	0.0806	0.00000213	0.0000979	0.000438	0.00175	6.51E-11
2091 Apr	76.2	0.0589	0.00903	0.00111	10.9	0.0389	22.7	0.00107	0.00107	0.00000537	0.00826	0.00117	0.02	0.0168	0.00000542	18.8	0.0000208	0.000268	0.000166	0.000976	0.0512	0.0000113	1.22	3.94	0.0225	0.000462	4.01	0.00191	0.0537	0.000121	0.000178	0.0000696	0.082	0.00000216	0.0000995	0.000445	0.00178	6.61E-11
2091 May	84.

Appendix D.2-10: B4

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.2	0.0118	0.00572	0.000908	5.8	0.0196	2.04	0.000908	0.000908	0.00000454	0.00634	0.00119	0.00835	0.0109	0.00000454	9.36	0.0000142	0.000174	0.0000976	0.000585	0.0391	0.00000908	0.817	1.13	0.0116	0.000112	2.45	0.000911	0.0413	0.0000599	0.000068	0.00004	0.0467	0.00000182	0.0000465	0.000261	0.00126	
Operation (2026-2036): Mean	47.2	0.0469	0.008	0.00104	10.2	0.0316	3.73	0.00104	0.00104	0.0000052	0.00752	0.00227	0.0107	0.0169	0.0000052	14.7	0.0000179	0.000221	0.000167	0.000839	0.0523	0.0000104	1.12	1.78	0.0227	0.000284	3.8	0.00111	0.0513	0.000162	0.000147	0.0000533	0.0728	0.00000208	0.0000655	0.000438	0.0017	
Operation (2026-2036): Max	77	0.0867	0.0176	0.00124	17.3	0.039	6.02	0.00124	0.00124	0.00000618	0.00914	0.00832	0.0126	0.033	0.00000618	27	0.0000261	0.000382	0.00046	0.00119	0.0955	0.0000124	1.83	3.59	0.0753	0.000443	6.33	0.00169	0.0637	0.000637	0.000256	0.000104	0.141	0.00000247	0.0000799	0.00101	0.00246	
2092 Jun	78.3	0.043	0.0175	0.00105	14	0.0237	12.8	0.000932	0.000932	0.00000468	0.00632	0.00124	0.0124	0.0242	0.0000047	21.5	0.000019	0.000304	0.000341	0.00094	0.0695	0.00000894	1.43	3.55	0.0559	0.000231	5.16	0.00164	0.0451	0.000458	0.000199	0.0000873	0.109	0.00000188	0.0000739	0.000767	0.00168	1.84E-10
2092 Jul	70.9	0.0344	0.0149	0.00109	12.1	0.0246	11.9	0.00102	0.00102	0.00000509	0.00711	0.00123	0.0132	0.0218	0.00000511	19.6	0.0000215	0.000295	0.00029	0.000906	0.066	0.0000101	1.35	3.24	0.0474	0.000213	4.62	0.00162	0.0486	0.000381	0.000227	0.0000809	0.098	0.00000204	0.0000732	0.000739	0.00194	1.08E-10
2092 Aug	77.4	0.0371	0.0155	0.0012	13.1	0.0286	13.8	0.00113	0.00113	0.00000567	0.00787	0.00135	0.0151	0.0235	0.0000057	21.5	0.0000232	0.000322	0.000306	0.001	0.0713	0.0000113	1.48	3.61	0.0498	0.000251	4.99	0.0018	0.0539	0.000396	0.000245	0.0000884	0.106	0.00000228	0.0000819	0.00078	0.00213	9.95E-11
2092 Sep	78.2	0.0364	0.013	0.00113	12	0.0317	18.9	0.00109	0.00109	0.00000548	0.00757	0.0013	0.0176	0.0213	0.0000055	21	0.0000214	0.000308	0.000265	0.000979	0.0643	0.0000112	1.4	4	0.0425	0.000312	4.57	0.00193	0.0518	0.00032	0.000228	0.0000863	0.0994	0.00000022	0.0000874	0.00067	0.002	5.83E-11
2092 Oct	85.1	0.0419	0.0114	0.00108	11.5	0.0353	26.8	0.00104	0.00104	0.00000524	0.00742	0.00126	0.0211	0.0197	0.0000053	21.6	0.0000203	0.000305	0.000238	0.000995	0.0589	0.0000111	1.35	4.76	0.0375	0.000401	4.32	0.00217	0.0503	0.00026	0.000214	0.0000874	0.0966	0.00000212	0.0000989	0.000586	0.00185	4.18E-11
2092 Nov	87.5	0.0446	0.0112	0.00107	11.5	0.0365	28.9	0.00104	0.00104	0.00000521	0.00744	0.00126	0.0221	0.0195	0.0000052	21.9	0.0000202	0.000306	0.000233	0.00101	0.058	0.0000111	1.35	4.97	0.0365	0.000428	4.31	0.00224	0.0503	0.000247	0.00021	0.000088	0.0967	0.00000211	0.000103	0.000568	0.00181	4.13E-11
2092 Dec	87.7	0.0448	0.0112	0.00108	11.6	0.0366	28.9	0.00104	0.00104	0.00000522	0.00746	0.00126	0.0221	0.0195	0.00000528	22	0.0000203	0.000306	0.000234	0.00101	0.0581	0.0000111	1.35	4.98	0.0365	0.00043	4.32	0.00224	0.0504	0.000247	0.000211	0.0000882	0.0969	0.00000211	0.000103	0.000569	0.00182	4.18E-11
2093 Jan	87.8	0.0449	0.0112	0.00108	11.6	0.0366	29	0.00104	0.00104	0.00000522	0.00746	0.00126	0.0221	0.0196	0.00000528	22	0.0000203	0.000306	0.000234	0.00101	0.0582	0.0000112	1.35	4.98	0.0366	0.00043	4.32	0.00224	0.0504	0.000248	0.000211	0.0000882	0.097	0.00000211	0.000103	0.000569	0.00182	4.21E-11
2093 Feb	88	0.045	0.0113	0.00108	11.6	0.0366	29	0.00104	0.00104	0.00000522	0.00746	0.00126	0.0221	0.0196	0.00000529	22	0.0000203	0.000307	0.000235	0.00101	0.0583	0.0000112	1.35	4.99	0.0367	0.00043	4.33	0.00225	0.0505	0.000248	0.000211	0.0000883	0.0972	0.00000211	0.000103	0.000571	0.00182	4.23E-11
2093 Mar	88.7	0.0454	0.0114	0.00108	11.7	0.0369	29.2	0.00105	0.00105	0.00000526	0.00752	0.00127	0.0223	0.0198	0.00000533	22.2	0.0000204	0.000309	0.000237	0.00102	0.0588	0.0000112	1.36	5.03	0.0371	0.000434	4.37	0.00226	0.0509	0.000251	0.000212	0.000089	0.0981	0.00000213	0.000104	0.000576	0.00183	4.26E-11
2093 Apr	90.2	0.0462	0.0116	0.0011	11.9	0.0375	29.7	0.00106	0.00106	0.00000535	0.00764	0.00129	0.0227	0.0201	0.00000542	22.6	0.0000208	0.000314	0.000241	0.00104	0.0598	0.0000114	1.39	5.11	0.0378	0.000441	4.44	0.0023	0.0517	0.000255	0.000216	0.0000905	0.0997	0.00000216	0.000105	0.000586	0.00186	4.33E-11
2093 May	99.5	0.052	0.0133	0.00112	13.5	0.0379	32.6	0.00108	0.00108	0.00000542	0.00774	0.00141	0.0237	0.0234	0.00000549	25.6	0.0000216	0.000349	0.000301	0.00112	0.0681	0.0000117	1.53	5.77	0.0483	0.000463	4.97	0.0025	0.0537	0.000345	0.000228	0.000102	0.115	0.00000219	0.000112	0.000689	0.00189	3.86E-11
2093 Jun	89.5	0.0502	0.0191	0.00107	15.8	0.0255	17.1	0.000968	0.000968	0.00000486	0.00657	0.00141	0.0143	0.0281	0.00000489	25.4	0.00002	0.000349	0.000409	0.00106	0.0797	0.00000953	1.62	4.42	0.0679	0.000272	5.77	0.00192	0.0486	0.000558	0.000215	0.000102	0.127	0.00000195	0.0000839	0.000882	0.00174	1.5E-10
2093 Jul	89.9	0.0494	0.0189	0.00117	16.1	0.0278	16.2	0.00108	0.00108	0.00000541	0.00734	0.0015	0.0148	0.029	0.00000544	26	0.0000222	0.000363	0.000413	0.00111	0.0839	0.0000107	1.69	4.4	0.0682	0.000273	5.94	0.00197	0.0537	0.000561	0.000236	0.000105	0.131	0.00000217	0.0000871	0.000918	0.00196	1.3E-10
2093 Aug	89.3	0.0484	0.0182	0.00122	16.1	0.0306	16.1	0.00116	0.00116	0.00000458	0.00779	0.00157	0.0155	0.0295	0.00000583	26.4	0.0000227	0.000369	0.000409	0.00116	0.0862	0.0000116	1.73	4.42	0.0671	0.000285	6	0.00202	0.0574	0.000552	0.000244	0.000106	0.132	0.00000233	0.0000898	0.000915	0.00208	9.5E-11
2093 Sep	86.7	0.0495	0.0155	0.00117	14.8	0.0334	18.9	0.00112	0.00112	0.00000562	0.00764	0.00149	0.0169	0.0267	0.00000566	25	0.0000211	0.000344	0.000355	0.00112	0.0782	0.0000115	1.62	4.48	0.0573	0.000337	5.51	0.00203	0.0559	0.000457	0.000221	0.0000894	0.122	0.00000226	0.0000928	0.000788	0.00195	6.15E-11
2093 Oct	85	0.0665	0.0107	0.00102	12.7	0.0389	26.2	0.000976	0.000976	0.00000549	0.0073	0.00125	0.02	0.0204	0.00000496	22	0.0000178	0.000286	0.000239	0.00105	0.0584	0.0000104	1.34	4.68	0.0351	0.000491	4.56	0.00205	0.0511	0.000238	0.000153	0.0000814	0.0984	0.00000198	0.000103	0.000496	0.00149	3.39E-11
2093 Nov	85.3	0.0759	0.0102	0.00102	12.8	0.0409	26.6	0.000965	0.000965	0.00000485	0.00747	0.00123	0.0203	0.0197	0.00000491	21.7	0.0000175	0.000277	0.000221	0.00106	0.0557	0.0000103	1.31	4.63	0.0309	0.000538	4.54	0.00203	0.0515	0.000196	0.000133	0.0000775	0.0957	0.00000196	0.000106	0.000441	0.0014	3.07E-11
2093 Dec	85.6	0.0761	0.0103	0.00102	12.9	0.0409	26.6	0.000968	0.000968	0.00000486	0.00748	0.00123	0.0203	0.0197	0.00000492	21.7	0.0000175	0.000278	0.000222	0.00106	0.0559	0.0000103	1.31	4.64	0.0311	0.000538	4.56	0.00203	0.0516	0.000198	0.000134	0.0000778	0.0961	0.00000196	0.000106	0.000444	0.00141	3.19E-11
2094 Jan	85.8	0.0762	0.0104	0.00102	12.9	0.0409	26.6	0.000968	0.000968	0.00000486	0.00749	0.00123	0.0203	0.0198	0.00000492	21.8	0.0000175	0.000279	0.000223	0.00106	0.056	0.0000103	1.32	4.64	0.0313	0.000538	4.57	0.00203	0.0517	0.000199	0.000134	0.0000779	0.0963	0.00000197	0.000107	0.000446	0.00141	3.22E-11
2094 Feb	85.9	0.0763	0.0104	0.00102	13	0.0409	26.7	0.000969	0.000969	0.00000487	0.00749	0.00123	0.0203	0.0199	0.00000492	21.8	0.0000175	0.000279	0.000224	0.00106	0.0562	0.0000103	1.32	4.65	0.0315	0.000538	4.58	0.00203	0.0517	0.0002	0.000134	0.000078	0.0966	0.00000197	0.000107	0.000448	0.00141	3.23E-11
2094 Mar	86.3	0.0766	0.0105	0.00103	13	0.0411	26.8	0.000973	0.000973	0.00000489	0.00752	0.00124	0.0204	0.02	0.00000494	21.9	0.0000176	0.000281	0.000226	0.00107	0.0565	0.0000104	1.33	4.67	0.0318	0.00054	4.6	0.00204	0.0519	0.000201	0.000135	0.0000784	0.0971	0.00000197	0.000107	0.000451	0.00141	3.25E-11
2094 Apr	87.3	0.0775	0.0106	0.00104	13.2	0.0415	27.1	0.000983	0.000983	0.00000494	0.0076	0.00125	0.0206	0.0202	0.000005	22.2	0.0000178	0.000284	0.000229	0.00108	0.0572	0.0000105	1.34	4.73	0.0322	0.000546	4.66	0.00207	0.0525	0.000204	0.000136	0.0000793	0.0983	0.000002	0.000108	0.000456	0.00143	3.29E-11
2094 May	93.6	0.0744	0.0142	0.00107	15	0.0377	25.6	0.000993	0.000993	0.00000499	0.00738	0.00137	0.0193	0.0245	0.00000504	24.9	0.0000187	0.000322	0.000315	0.00113	0.0685	0.0000104	1.51	4.98	0.0482	0.000486	5.34	0.00213	0.0527	0.000355	0.000162	0.0000925	0.116	0.00000201	0.000106	0.00063	0.00152	7.41E-11
2094 Jun	102	0.0655	0.0215	0.00112	18.8	0.0281	19.6	0.00102	0.00102	0.00000514	0.00699	0.00163	0.0153	0.0339	0.00000517	30.3	0.0000211	0.000404	0.000504	0.00122	0.0944	0.0000102	1.88	5.23	0.0837	0.000326	6.75	0.00216	0.0541	0.000695	0.000222	0.000119	0.153	0.00000207	0.0000947	0.00103	0.00178	1.29E-10
2094 Jul	117	0.0752	0.0245	0.00131	21.7	0.0329	22.5	0.00121	0.00121	0.00000608	0.00831	0.00191	0.0179	0.0395	0.00000612	35.3	0.0000251	0.000472	0.000585	0.00142	0.111	0.0000122	2.19	6.08	0.0973	0.000376	7.81	0.00252	0.0643	0.000808	0.000265	0.000139	0.178	0.00000245	0.00011	0.00121	0.00213	1.26E-10
2094 Aug	138	0.0886	0.0288	0.00155	25.6	0.0395	26.4	0.00145	0.00145	0.00000725	0.00989	0.00227	0.0212	0.0467	0.00000673	41.7	0.0000296	0.000558	0.000689	0.00169	0.131	0.0000145	2.59	7.15	0.114	0.000447	9.22	0.00297	0.0764	0.000949	0.000313	0.000164	0.21	0.00000292	0.00013	0.00142	0.00253	1.43E-10
2094 Sep	122	0.079	0.022	0.00134	21.1	0.0392	28.4	0.00129	0.00129	0.00000645	0.00899	0.00195	0.0217	0.0384	0.0000065	36	0.000026	0.000478	0.000549	0.00148	0.108	0.0000133	2.19	6.64	0.0903	0.000465	7.61	0.00276	0.0681	0.00073	0.000269	0.00014	0.176	0.00000226	0.000123	0.00114	0.00222	7.44E-11
2094 Oct	108	0.0788	0.0148	0.00112	16.4	0.0411	33.1	0.00109	0.00109	0.00000546	0.00813	0.00156	0.0234	0.0281	0.00000553	29.3	0.0000217	0.00038	0.000373	0.00127	0.0789	0.0000117	1.72	6.22	0.0588	0.000546	5.83	0.00257	0.0586	0.000437	0.000203	0.000111	0.134	0.00000221	0.000122	0.000762	0.00175	3.5E-11
2094 Nov	98.9	0.0854	0.0104	0.00101	13.9	0.0437	34.9	0.000979	0.000979	0.00000492	0.00783	0.00133	0.0241	0.0218	0.000005	25.1	0.000019	0.000317	0.000259	0.00116	0.0608	0.0000108	1.43	5.8	0.0376	0.000619	4.85	0.00241	0.054	0.000239	0.00015	0.0000902	0.109	0.000002	0.000122	0.000509	0.00144	2.37E-11
2094 Dec	98.6	0.0861	0.0104	0.00101	13.8	0.0439	34.8	0.000975	0.000975	0.0000049	0.00782	0.00131	0.0241	0.0215	0.00000498	24.9	0.0000189	0.000313	0.000253	0.00115	0.0599	0.0000107	1.42	5.76	0.0364	0.000623	4.82	0.0024	0.0538	0.000229	0.000147	0.000089	0.107	0.00000199	0.000122	0.000496	0.00142	2.64E-11
2095 Jan	98.8	0.0862	0.0104	0.00101	13.9	0.0439	34.9	0.000975	0.000975	0.0000049	0.00783	0.00132	0.0241	0.0215	0.00000498	25	0.0000189	0.000314	0.000254	0.00115	0.06	0.0000107	1.42	5.77	0.0366	0.000623	4.83	0.0024	0.0539	0.000229	0.000147	0.0000891	0.108	0.00000199	0.000122	0.000497	0.00142	2.69E-11
2095 Feb	99	0.0863	0.0105	0.00101	13.9	0.0439	34.9	0.000976	0.000976	0.00000491	0.00783	0.00132	0.0241	0.0216	0.00000498	25	0.0000189	0.000315	0.000255	0.00115	0.0602	0.0000107	1.43	5.78	0.0368	0.000623	4.84	0.0024	0.0539	0.00023	0.000147	0.0000893	0.108	0.00000199	0.000122	0.0005	0.00142	2.72E-11
2095 Mar	99.3	0.0865	0.0105	0.00102	14	0.044	35	0.000978	0.000978	0.00000492	0.00785	0.00132	0.0242	0.0217	0.000005	25.1	0.000019	0.000316	0.000257	0.00116	0.0605	0.0000108	1.43	5.8	0.0371	0.000625	4.86	0.00241	0.0541	0.000232	0.000148	0.0000896	0.108	0.000002	0.000123	0.000502	0.00143	2.73E-11
2095 Apr	101	0.0878	0.0107	0.00103	14.2	0.0446	35.5	0.000992	0.000992	0.00000499	0.00795	0.00134	0.0245	0.022	0.00000507	25.5	0.0000193	0.00032	0.000261	0.00117	0.0614	0.0000109	1.45	5.88	0.0377	0.000633	4.93	0.00245	0.0548	0.000235	0.00015	0.0000908	0.11	0.00000202	0.000124	0.00051	0.00145	2.77E-11
2095 May	101	0.0838	0.0141	0.00104	16	0.0394	30.3	0.001	0.001	0.00000502	0.0077	0.00147	0.0214	0.0268	0.00000509	27.8	0.0000199	0.000355	0.000354	0.00121	0.0743	0.0000108	1.62	5.76	0.055	0.000542	5.6	0.00236	0.0556	0.000406	0.000172	0.000102	0.128	0.00000203	0.000116	0.0007	0.00155	2.45E-11
2095 Jun	107	0.0778	0.0211	0.00112	19.9	0.0312	22.4	0.00106	0.00106	0.00000553	0.00756	0.00176	0.0169	0.0366	0.00000537	33.1	0.0000223	0.000435	0.000541	0.00131	0.102	0.0000111	2	5.8	0.0896	0.000591	7.07	0.00233	0.0593	0.000738	0.000226	0.000127	0.165	0.00000215	0.000104	0.00109	0.00183	2.65E-11
2095 Jul	120	0.0862	0.0236	0.00129	22.5	0.036	24.6	0.00123	0.00123	0.00000618	0.00868	0.00201	0.019	0.0415	0.00000623	37.4	0.0000253	0.000491	0.000609	0.0015	0.116	0.0000128	2.27	6.47	0.101	0.000436	8.01	0.00263	0.0683	0.000832	0.000259	0.000144	0.187	0.00000249	0.000117	0.00123	0.00211	2.68E-11
2095 Aug	97.6	0.0672	0.0184	0.00116	18.5	0.0348	19.5	0.00114	0.00114	0.0000057	0.00764	0.00174	0.0165	0.0342	0.00000573	30.7	0.0000207	0.000402	0.000482	0.00129	0.0964	0.0000118	1.92	5.23	0.0787	0.000378	6.69	0.0022	0.0606	0.000649	0.000214	0.000119	0.153	0.00000229	0.0000993	0.000961	0.00188	1.19E-11
2095 Sep	90.5	0.0599	0.0153	0.00112	16.4	0.0377	20.6	0.0011	0.0011	0.00000551	0.00718	0.00159	0.0176	0.0293	0.00000555	27.5	0.0000176	0.000358	0.000391	0.00119	0.0821	0.0000115	1.72	4.88	0.0626	0.000411	5.94	0.0021	0.0563	0.000498	0.000182	0.000107	0.133	0.00000222	0.0000967	0.000757	0.00172	1.06E-11
2095 Oct	90.9	0.0606	0.0142	0.0011	15.8	0.0392	22.9	0.00108	0.00108	0.00000543	0.00713	0.00154	0.0188	0.0277	0.00000547	26.8	0.000017	0.000347	0.00036	0.00118	0.0771	0.0000114	1.66	4.99	0.0571	0.000444	5.69	0.00215	0.0552	0.000443	0.000173	0.000104	0.128	0.00000219	0.0000997	0.00069	0.00166	1.03E-11
2095 Nov	92.1	0.0645	0.0121	0.00105	14.5	0.0415	27.8	0.00103	0.00103	0.00000516	0.00706	0.00142	0.0211	0.0243	0.00000522	25.4	0.0000163	0.000324	0.000302	0.00114	0.0673	0.000011	1.53	5.24	0.0464	0.00051	5.18	0.00223	0.0527	0.000336	0.000155	0.0000968	0.116	0.00000208	0.000106	0.000567	0.00152	1.22E-11
2095 Dec	93.1	0.0661	0.0119	0.00105	14.4	0.042	28.9	0.00102	0.00102	0.00000513	0.0071	0.00141	0.0216	0.0238	0.00000519	25.3	0.0000163	0.000322	0.000293	0.00114	0.0659	0.000011	1.51	5.31	0.0447	0.000526	5.13	0.00226	0.0526	0.000318	0.000153	0.000096	0.114	0.00000207	0.000108	0.000549	0.0015	1.5E-11
2096 Jan	93.4	0.0663	0.0119	0.00105	14.4	0.0421	29	0.00102	0.00102	0.00000513	0.00711	0.00141	0.0216	0.0239	0.0000052	25.3	0.0000164	0.000322	0.000294	0.00114	0.0661	0.000011	1.51	5.32	0.0449	0.000527	5.14	0.00226	0.0526	0.000319	0.000153	0.0000961	0.115	0.00000208	0.000108	0.000551	0.0015	1.56E-11
2096 Feb	93.6	0.0665	0.012	0.00105	14.5	0.0421	29.1	0.00102	0.00102	0.00000514	0.00711	0.00141	0.0217	0.024	0.0000052	25.4	0.0000164	0.000323	0.000296	0.00114	0.0663	0.000011	1.52	5.34	0.0452	0.000527	5.16	0.00227	0.0527	0.00032	0.000153	0.0000963	0.115	0.00000208	0.000109	0.000554	0.0015	1.58E-11
2096 Mar	93.9	0.0667	0.0121	0.00105	14.5	0.0422	29.1	0.00103	0.00103	0.00000515	0.00713	0.00142	0.0217	0.0241	0.00000522	25.5	0.0000165	0.000325	0.000297	0.00114	0.0666	0.0000111	1.52	5.36	0.0454	0.000529	5.18	0.00227	0.0529	0.000321	0.000154	0.0000966	0.116	0.00000208	0.000109	0.000556	0.00151	1.58E-11
2096 Apr	95.2	0.0677	0.0122	0.00107	14.7	0.0428	29.5	0.00104	0.00104	0.00000522	0.00723	0.00144	0.022	0.0244	0.00000529	25.9	0.0000167	0.000329	0.000301	0.00116	0.0675	0.0000112	1.54	5.43	0.0461	0.000535	5.25	0.0023	0.0536	0.000326	0.000156	0.0000979	0.117	0.00000211	0.000111	0.000564	0.00153	1.6E-11
2096 May	105	0.07	0.0139	0.00108	15.8	0.0425	33.6	0.00105	0.00105	0.00000529	0.00737	0.00153	0.0236	0.0269	0.00000536	28.6	0.0000182	0.000363	0.000352	0.00123	0.0744	0.0000115	1.67	6.15	0.0554	0.000548	5.63	0.00254	0.055	0.000405	0.00018	0.000109	0.13	0.00000214	0.000118	0.000671	0.00161	1.76E-11
2096 Jun	77.4	0.0373	0.0155	0.00107	12.2	0.0256	16	0.000958	0.000958	0.00000481	0.00667	0.00117	0.0146	0.0207	0.00000484	19.7	0.00002	0.000287	0.000277	0.000902	0.0615	0.00000937	1.32	3.6	0.045	0.000254	4.6	0.00172	0.045	0.000353	0.00021	0.0000812	0.0959	0.00000193	0.0000782	0.000681	0.00177	1.63E-10
2096 Jul	74.7	0.0326	0.015	0.0012	11.7	0.0274	13.9	0.00109	0.00109	0.00000549	0.00771	0.00121	0.0151	0.0201	0.00000552	18.9	0.0000223	0.000292	0.000252	0.000922	0.0622	0.0000107	1.34	3.29	0.0404	0.000239	4.53	0.00172	0.0503	0.000311	0.000241	0.0000779	0.092	0.00000208	0.0000795	0.000697	0.00208	1.54E-10
2096 Aug	83.1	0.0362	0.0163	0.00135	13.1	0.0318	15.6	0.00125	0.00125	0.00000625	0.00876	0.00137	0.0172	0.0225	0.00000628	21.2	0.0000258	0.000328	0.000277	0.00104	0.0698	0.0000123	1.5	3.68	0.0443	0.000275	5.06	0.00194	0.0573	0.000339	0.00027	0.0000886	0.103	0.00000251	0.0000898	0.00077	0.00236	1.56E-10
2096 Sep	76.9	0.0436	0.0122	0.00119	11.6	0.0343	18.5	0.00113	0.00113	0.00000566	0.00815	0.00125	0.018	0.0193	0.0000057	19.6	0.0000222	0.000291	0.00022	0.000979	0.0593	0.0000115	1.34	3.72	0.0334	0.000351	4.4	0.00187	0.0536	0.000234	0.000218	0.0000784	0.0909	0.00000228	0.0000909	0.000594	0.00201	7.82E-11
2096 Oct	76.3	0.0697	0.00809	0.00101	11.2	0.04	23.9	0.000978	0.000978	0.00000491	0.00769	0.00113	0.0197	0.0167	0.00000496	19	0.0000181	0.000255	0.000166	0.000974	0.0486	0.0000104	1.19	4.06	0.0216	0.000513	3.98	0.00187	0.0509	0.000113	0.000136	0.0000675	0.0821	0.00000198	0.000101	0.000376	0.00148	2.02E-11
2096 Nov	77.3	0.0756	0.00787	0.00101	11.5	0.0414	24.3	0.000977	0.000977	0.00000491	0.00779

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
Active Closure (2037-2043): Min	47.3	0.0366	0.00551	0.000897	11.2	0.0236	3.96	0.000897	0.000897	0.00000449	0.00645	0.00136	0.00851	0.016	0.00000449	14.6	0.0000154	0.000197	0.000127	0.0000863	0.0454	0.00000897	1.07	1.69	0.0116	0.000192	3.92	0.000986	0.0498	0.0000417	0.0000583	0.0000409	0.0692	0.00000179	0.0000624	0.000252	0.00126	
Active Closure (2037-2043): Mean	66	0.0574	0.0141	0.00109	14.8	0.0288	5.24	0.00109	0.00109	0.00000546	0.00774	0.00208	0.0105	0.0273	0.00000546	22.6	0.0000207	0.000321	0.000358	0.00104	0.0795	0.0000109	1.56	2.95	0.057	0.000262	5.41	0.00144	0.057	0.000469	0.000192	0.0000849	0.117	0.00000219	0.000073	0.000798	0.00188	
Active Closure (2037-2043): Max	94.5	0.0896	0.0218	0.00126	22.2	0.0396	7.78	0.00126	0.00126	0.00000631	0.00897	0.00491	0.0118	0.0416	0.00000631	34	0.0000248	0.000462	0.000604	0.00141	0.117	0.0000126	2.2	4.57	0.0993	0.000477	7.86	0.00193	0.0705	0.00084	0.000236	0.000127	0.179	0.00000252	0.000094	0.00123	0.00213	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	59.2	0.0434	0.0122	0.00111	12.8	0.027	4.52	0.00101	0.000921	0.00000493	0.00471	0.000801	0.0108	0.0117	0.0000048	11.5	0.0000134	0.000167	0.000136	0.000803	0.0324	0.00000553	1.3	1.78	0.0169	0.000218	4.78	0.00136	0.0244	0.000113	0.000138	0.0000634	0.0813	0.00000198	0.0000621	0.000314	0.00126	5.96E-10
Post Closure (2044-2099): Mean	158	0.0702	0.112	0.00338	30.7	0.0363	22.5	0.00137	0.00106	0.00000563	0.00607	0.00152	0.0249	0.0194	0.00000561	19.6	0.0000175	0.000499	0.000261	0.00111	0.0508	0.00000795	2.09	3.44	0.0414	0.000489	13.7	0.00269	0.0348	0.000278	0.000211	0.000116	0.131	0.00000231	0.000186	0.000544	0.00155	0.000125
Post Closure (2044-2099): Max	197	0.0937	0.181	0.00507	36.6	0.0508	45	0.00195	0.00123	0.00000647	0.00792	0.00257	0.0486	0.0272	0.00000666	28.8	0.0000236	0.00109	0.000384	0.00152	0.072	0.0000113	3.31	5.87	0.0673	0.000934	16	0.00469	0.0564	0.000462	0.000317	0.000199	0.199	0.00000277	0.0000402	0.000787	0.00199	0.000187
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	47.1	0.0831	0.00625	0.000899	11.5	0.0355	4.4	0.000899	0.000899	0.00000449	0.00724	0.00775	0.00998	0.0168	0.00000449	15	0.0000144	0.000199	0.000157	0.000863	0.0476	0.00000899	1.07	1.79	0.0178	0.000429	3.93	0.000966	0.0497	0.000105	0.0000592	0.000044	0.0726	0.0000018	0.0000072	0.0003	0.00116	
2026 Feb	47.5	0.0833	0.00637	0.000899	11.6	0.0354	4.43	0.000899	0.000899	0.0000045	0.00724	0.00773	0.00996	0.017	0.0000045	15.2	0.0000145	0.000201	0.000161	0.000867	0.0482	0.00000899	1.08	1.82	0.0185	0.000429	3.96	0.000972	0.0497	0.000108	0.0000599	0.0000443	0.0735	0.0000018	0.0000721	0.000306	0.00116	
2026 Mar	47.8	0.0835	0.00646	0.000901	11.7	0.0355	4.46	0.000901	0.000901	0.0000045	0.00725	0.00779	0.00998	0.0172	0.0000045	15.3	0.0000145	0.000203	0.000164	0.000871	0.0486	0.00000901	1.08	1.83	0.019	0.000429	3.99	0.000978	0.0499	0.000111	0.0000604	0.0000446	0.0742	0.0000018	0.0000723	0.000311	0.00117	
2026 Apr	48.5	0.0845	0.00658	0.000911	11.8	0.0358	4.52	0.000911	0.000911	0.00000455	0.00732	0.0194	0.0101	0.0175	0.00000455	15.5	0.0000147	0.000206	0.000167	0.000882	0.0493	0.00000911	1.1	1.86	0.0194	0.000434	4.05	0.000991	0.0505	0.000113	0.0000613	0.0000452	0.0753	0.0000018	0.0000731	0.000317	0.00118	
2026 May	50.7	0.0882	0.00689	0.000951	12.4	0.0374	4.72	0.000951	0.000951	0.00000475	0.00764	0.0221	0.0105	0.0183	0.00000475	16.2	0.0000153	0.000215	0.000175	0.000921	0.0516	0.00000951	1.15	1.95	0.0204	0.000452	4.23	0.00104	0.0527	0.000118	0.0000642	0.0000473	0.0788	0.0000019	0.0000763	0.000332	0.00123	
2026 Jun	39.9	0.0364	0.00685	0.000943	7.95	0.025	2.89	0.000943	0.000943	0.00000472	0.00721	0.0085	0.00975	0.0134	0.00000472	11.8	0.0000192	0.0002	0.000127	0.00069	0.044	0.00000943	0.943	1.42	0.0173	0.000215	3.04	0.00098	0.0459	0.000113	0.000165	0.0000436	0.0581	0.0000189	0.000057	0.000432	0.00172	
2026 Jul	41.3	0.0327	0.00727	0.00101	7.98	0.0256	2.87	0.00101	0.00101	0.00000506	0.00766	0.00791	0.0104	0.0138	0.00000506	12	0.0000209	0.000211	0.000129	0.000714	0.0461	0.00000101	0.984	1.45	0.0178	0.000203	3.11	0.00104	0.0484	0.000118	0.000188	0.0000461	0.0595	0.00000202	0.0000589	0.000469	0.0019	
2026 Aug	43	0.0337	0.00752	0.00106	8.38	0.0275	3.03	0.00106	0.00106	0.00000529	0.0079	0.00848	0.0108	0.0144	0.00000529	12.6	0.0000211	0.000217	0.000133	0.000752	0.0481	0.00001106	1.03	1.52	0.0183	0.000217	3.27	0.00109	0.0505	0.000121	0.00019	0.0000482	0.0622	0.00000212	0.0000614	0.000472	0.00195	
2026 Sep	44.5	0.0355	0.00772	0.00109	8.71	0.0286	3.15	0.00109	0.00109	0.00000545	0.00813	0.00916	0.0112	0.0149	0.00000545	13	0.0000216	0.000223	0.000137	0.000778	0.0495	0.00001109	1.06	1.57	0.0187	0.000229	3.39	0.00112	0.052	0.000123	0.000193	0.0000498	0.0643	0.00000218	0.0000635	0.000482	0.002	
2026 Oct	44.2	0.0395	0.00745	0.00107	8.84	0.0292	3.22	0.00107	0.00107	0.00000535	0.00804	0.0088	0.011	0.0148	0.00000535	13	0.0000209	0.000219	0.000135	0.00078	0.0486	0.00001107	1.05	1.56	0.0179	0.000246	3.4	0.0011	0.0516	0.000116	0.00018	0.0000485	0.064	0.00000214	0.000064	0.000458	0.00192	
2026 Nov	44.6	0.0405	0.00747	0.00108	8.94	0.0295	3.26	0.00108	0.00108	0.00000538	0.00809	0.00878	0.0111	0.015	0.00000538	13.1	0.000021	0.00022	0.000136	0.000787	0.0489	0.00001108	1.06	1.57	0.0179	0.000251	3.43	0.0011	0.052	0.000115	0.00018	0.0000487	0.0645	0.00000215	0.0000646	0.000458	0.00192	
2026 Dec	44.6	0.0407	0.00747	0.00108	8.95	0.0296	3.27	0.00108	0.00108	0.00000538	0.0081	0.00877	0.0111	0.015	0.00000538	13.2	0.000021	0.00022	0.000136	0.000788	0.049	0.00001108	1.06	1.57	0.0179	0.000252	3.43	0.0011	0.0521	0.000115	0.000179	0.0000487	0.0646	0.00000215	0.0000647	0.000458	0.00192	
2027 Jan	44.7	0.0408	0.00749	0.00108	8.97	0.0296	3.27	0.00108	0.00108	0.00000538	0.0081	0.00877	0.0111	0.015	0.00000538	13.2	0.000021	0.00022	0.000136	0.000788	0.049	0.00001108	1.06	1.58	0.018	0.000252	3.44	0.0011	0.0521	0.000116	0.000179	0.0000487	0.0647	0.00000215	0.0000648	0.000459	0.00192	
2027 Feb	44.7	0.0408	0.0075	0.00108	8.98	0.0296	3.28	0.00108	0.00108	0.00000538	0.0081	0.00877	0.0111	0.015	0.00000538	13.2	0.000021	0.00022	0.000137	0.000789	0.0491	0.00001108	1.06	1.58	0.0181	0.000252	3.44	0.0011	0.0521	0.000116	0.000179	0.0000488	0.0649	0.00000215	0.0000648	0.00046	0.00192	
2027 Mar	44.8	0.0409	0.00752	0.00108	9	0.0296	3.28	0.00108	0.00108	0.00000539	0.00811	0.00877	0.0111	0.0151	0.00000539	13.2	0.000021	0.00022	0.000137	0.00079	0.0492	0.00001108	1.06	1.58	0.0182	0.000252	3.45	0.00111	0.0522	0.000116	0.00018	0.0000489	0.065	0.00000216	0.0000649	0.000461	0.00192	
2027 Apr	45.3	0.0413	0.0076	0.00109	9.09	0.0299	3.32	0.00109	0.00109	0.00000544	0.00819	0.00886	0.0112	0.0152	0.00000544	13.4	0.0000212	0.000223	0.000139	0.000798	0.0497	0.00001109	1.08	1.6	0.0184	0.000255	3.48	0.00112	0.0527	0.000118	0.000181	0.0000494	0.0657	0.00000218	0.0000655	0.000466	0.00194	
2027 May	46.7	0.0426	0.00785	0.00112	9.38	0.0308	3.42	0.00112	0.00112	0.00000561	0.00844	0.0101	0.0116	0.0157	0.00000561	13.8	0.0000218	0.00023	0.000143	0.000823	0.0513	0.00001112	1.11	1.65	0.019	0.000263	3.59	0.00115	0.0543	0.000122	0.000187	0.0000509	0.0678	0.00000224	0.0000675	0.00048	0.002	
2027 Jun	41.1	0.0305	0.00723	0.00103	7.86	0.026	2.82	0.00103	0.00103	0.00000515	0.00772	0.00868	0.0105	0.0136	0.00000515	11.9	0.000021	0.00021	0.000124	0.000715	0.0459	0.00001003	0.985	1.43	0.0171	0.0002	3.09	0.00105	0.0488	0.000112	0.000191	0.0000462	0.0587	0.00000206	0.0000589	0.000465	0.00194	
2027 Jul	40.9	0.0266	0.00734	0.00105	7.59	0.0253	2.71	0.00105	0.00105	0.00000523	0.00784	0.00742	0.0107	0.0134	0.00000523	11.7	0.0000218	0.000213	0.000121	0.000706	0.046	0.00001105	0.982	1.4	0.017	0.000182	3.03	0.00106	0.0491	0.000112	0.000204	0.0000465	0.0578	0.00000209	0.0000582	0.000483	0.00202	
2027 Aug	44.3	0.0292	0.00793	0.00113	8.29	0.0277	2.95	0.00113	0.00113	0.00000566	0.00845	0.00845	0.0116	0.0145	0.00000566	12.7	0.0000233	0.00023	0.000131	0.000766	0.0496	0.00001113	1.07	1.52	0.0183	0.000202	3.3	0.00115	0.053	0.00012	0.0000218	0.0000505	0.0628	0.00000227	0.0000631	0.000515	0.00217	
2027 Sep	46.6	0.0612	0.00669	0.00107	10.1	0.0346	3.8	0.00107	0.00107	0.00000535	0.0083	0.00764	0.0116	0.0155	0.00000535	13.9	0.0000193	0.000216	0.000129	0.000846	0.0477	0.00001107	1.08	1.62	0.0145	0.000354	3.68	0.00108	0.054	0.000077	0.000134	0.0000463	0.0669	0.00000214	0.0000717	0.000374	0.00171	
2027 Oct	47.7	0.0841	0.00574	0.00101	11.3	0.0388	4.35	0.00101	0.00101	0.00000506	0.00821	0.00652	0.0114	0.0159	0.00000506	14.5	0.0000168	0.000203	0.000126	0.000895	0.0463	0.00001101	1.08	1.68	0.0118	0.000454	3.9	0.00102	0.0544	0.0000479	0.0000771	0.0000423	0.0689	0.00000202	0.0000773	0.000282	0.00139	
2027 Nov	48	0.0875	0.00564	0.00101	11.5	0.0395	4.44	0.00101	0.00101	0.00000505	0.00824	0.00585	0.0114	0.0161	0.00000505	14.7	0.0000166	0.000203	0.000127	0.000905	0.0464	0.00001101	1.09	1.69	0.0115	0.000469	3.94	0.00101	0.0547	0.0000443	0.0000707	0.0000419	0.0695	0.00000202	0.0000784	0.000271	0.00135	
2027 Dec	48.1	0.0882	0.00562	0.00101	11.5	0.0396	4.46	0.00101	0.00101	0.00000504	0.00824	0.00568	0.0114	0.0161	0.00000504	14.7	0.0000165	0.000203	0.000127	0.000907	0.0463	0.00001101	1.09	1.7	0.0114	0.000473	3.95	0.00101	0.0548	0.0000434	0.0000683	0.0000418	0.0696	0.00000202	0.0000786	0.000293	0.00134	
2028 Jan	48.6	0.0886	0.00577	0.00101	11.6	0.0396	4.5	0.00101	0.00101	0.00000504	0.00823	0.00563	0.0114	0.0164	0.00000504	14.9	0.0000165	0.000205	0.000132	0.000913	0.047	0.00001101	1.1	1.73	0.0124	0.000473	3.99	0.00102	0.0549	0.0000476	0.0000687	0.0000422	0.0708	0.00000202	0.0000788	0.000277	0.00134	
2028 Feb	49.3	0.0889	0.006	0.00101	11.8	0.0395	4.56	0.00101	0.00101	0.00000504	0.00822	0.00562	0.0113	0.0168	0.00000504	15.2	0.0000166	0.000208	0.000139	0.00092	0.048	0.00001101	1.11	1.77	0.0137	0.000472	4.06	0.00103	0.055	0.0000539	0.0000698	0.0000429	0.0725	0.00000202	0.0000791	0.00029	0.00134	
2028 Mar	49.7	0.0891	0.00615	0.00101	11.9	0.0394	4.6	0.00101	0.00101	0.00000505	0.00821	0.00561	0.0113	0.017	0.00000505	15.4	0.0000166	0.000211	0.000144	0.000925	0.0487	0.00001101	1.12	1.8	0.0146	0.000471	4.1	0.00104	0.0551	0.0000582	0.0000706	0.0000433	0.0737	0.00000202	0.0000791	0.000298	0.00134	
2028 Apr	50.5	0.0902	0.00631	0.00102	12.1	0.0397	4.67	0.00102	0.00102	0.0000051	0.00829	0.00566	0.0114	0.0174	0.0000051	15.7	0.0000168	0.000214	0.000149	0.000938	0.0496	0.00001102	1.14	1.84	0.0153	0.000476	4.16	0.00105	0.0557	0.0000613	0.0000718	0.000044	0.0751	0.00000204	0.00008	0.000307	0.00136	
2028 May	52.9	0.0942	0.00664	0.00107	12.7	0.0415	4.89	0.00107	0.00107	0.00000533	0.00865	0.0103	0.0119	0.0182	0.00000533	16.5	0.0000175	0.000225	0.000157	0.000981	0.052	0.00001107	1.2	1.93	0.0162	0.000496	4.36	0.0011	0.0582	0.0000657	0.0000753	0.0000461	0.0788	0.00000213	0.0000836	0.000323	0.00142	
2028 Jun	41.2	0.0415	0.00668	0.000995	8.28	0.0275	3.04	0.000995	0.000995	0.00000498	0.00769	0.0147	0.0104	0.0136	0.00000498	12	0.00002	0.000204	0.000119	0.000727	0.0444	0.00000995	0.971	1.43	0.0152	0.000247	3.14	0.00101	0.0487	0.0000873	0.000165	0.000043	0.0587	0.00000199	0.0000612	0.00042	0.00178	
2028 Jul	38.3	0.022	0.00696	0.00101	6.86	0.0232	2.42	0.00101	0.00101	0.00000506	0.00763	0.00695	0.0103	0.0123	0.00000506	10.7	0.0000218	0.000204	0.000109	0.000657	0.0432	0.00001001	0.922	1.28	0.0154	0.000157	2.79	0.00102	0.047	0.0000988	0.000208	0.0000436	0.053	0.00000202	0.0000549	0.000474	0.002	
2028 Aug	44.8	0.0259	0.00812	0.00118	8.06	0.0274	2.85	0.00118	0.00118	0.00000591	0.00888	0.00984	0.012	0.0144	0.00000591	12.6	0.0000252	0.000238	0.000127	0.00077	0.0504	0.00001118	1.08	1.5	0.0179	0.000187	3.27	0.00119	0.0549	0.000115	0.00024	0.0000511	0.0621	0.00000237	0.0000642	0.000549	0.00233	
2028 Sep	45.7	0.0435	0.0074	0.00113	9.04	0.031	3.31	0.00113	0.00113	0.00000567	0.00869	0.0116	0.0119	0.0148	0.00000567	13.2	0.0000227	0.000228	0.000126	0.000809	0.0491	0.00001113	1.08	1.56	0.0159	0.000269	3.46	0.00114	0.0548	0.0000931	0.000191	0.0000485	0.0642	0.00000227	0.0000683	0.000467	0.00205	
2028 Oct	47	0.0881	0.00539	0.000985	11.3	0.0389	4.38	0.000985	0.000985	0.00000493	0.00812	0.00471	0.0111	0.0157	0.00000493	14.4	0.0000163	0.000197	0.000122	0.00089	0.0452	0.00000985	1.06	1.66	0.0108	0.000468	3.86	0.000986	0.0538	0.0000381	0.0000653	0.0000403	0.0678	0.00000197	0.0000775	0.00026	0.0013	
2028 Nov	47.7	0.0906	0.0054	0.000993	11.5	0.0396	4.47	0.000993	0.000993	0.00000497	0.0082	0.00446	0.0112	0.0159	0.00000497	14.6	0.0000163	0.000199	0.000124	0.000904	0.0456	0.00000993	1.07	1.68	0.0107	0.00048	3.92	0.000994	0.0545	0.0000368	0.0000621	0.0000405	0.0688	0.00000199	0.0000788	0.000257	0.0013	
2028 Dec	47.8	0.091	0.0054	0.000995	11.5	0.0398	4.49	0.000995	0.000995	0.00000497	0.00822	0.00443	0.0113	0.0159	0.00000497	14.6	0.0000163	0.000199	0.000124	0.000907	0.0457	0.00000995	1.07	1.68	0.0107	0.000482	3.93	0.000996	0.0546	0.0000367	0.0000618	0.0000406	0.069	0.00000199	0.0000789	0.000257	0.0013	
2029 Jan	48	0.0911	0.00546	0.000995	11.6	0.0397	4.5	0.000995	0.000995	0.00000497	0.00822	0.00442	0.0113	0.016	0.00000497	14.7	0.0000163	0.0002	0.000126	0.000908	0.046	0.00000995	1.08	1.7	0.0111	0.000482	3.95	0.000996	0.0546	0.0000383	0.0000619	0.0000407	0.0694	0.00000199	0.0000789	0.00026	0.0013	
2029 Feb	48.2	0.0912	0.00555	0.000995	11.6	0.0397	4.52	0.000995	0.000995	0.00000497	0.00821	0.00441	0.0112	0.0162	0.00000497	14.8	0.0000163	0.000201	0.000129	0.000911	0.0463	0.00000995	1.08	1.71	0.0116	0.000481	3.97	0.001	0.0547	0.0000406	0.0000624	0.000041	0.0701	0.00000199	0.0000791	0.000264	0.0013	
2029 Mar	48.4	0.0913	0.0056	0.000995	11.7	0.0397	4.54	0.000995	0.000995	0.00000498	0.00821	0.00441	0.0112	0.0163	0.00000498	14.9	0.0000164	0.000202	0.000131	0.000913	0.0466	0.00000995	1.09	1.72	0.0119	0.000481	3.99	0.00101	0.0547	0.0000421	0.0000627	0.0000411	0.0705	0.00000199	0.0000792	0.000267	0.0013	
2029 Apr	48.6	0.0916	0.00566	0.000998	11.7	0.0398	4.56	0.000998	0.000998	0.00000499	0.00823	0.00443	0.0113	0.0164	0.00000499	15	0.0000164	0.000203	0.000132	0.000917	0.0469	0.00000998	1.09	1.74	0.0122	0.000483	4.01	0.00101	0.0549	0.0000433	0.0000631	0.0000414	0.071	0.000002	0.0000794	0.00027	0.0013	
2029 May	49.9	0.094	0.00582	0.00102	12	0.0408	4.68	0.00102	0.00102	0.00000512	0.00844	0.00494	0.0116	0.0169	0.00000512	15.4	0.0000168	0.000209	0.000136	0.000941	0.0482	0.00001102	1.12	1.78	0.0126	0.000495	4.12	0.00104	0.0563	0.0000445	0.0000648	0.0000425	0.0729	0.00000205	0.0000815	0.000278	0.00134	
2029 Jun	48.2	0.0757	0.00637	0.00106	10.9	0.037	4.17	0.00106	0.00106	0.00000529	0.00852	0.0139	0.0116	0.0161	0.00000529	14.5	0.000019	0.000215	0.000132	0.000889	0.0484	0.00001106	1.1	1.7	0.0138	0.000411	3.86	0.00107	0.0556	0.0000627	0.0000111	0.0000443	0.0695	0.00000212	0.0000765	0.000348	0.00159	
2029 Jul	35.4	0.0228	0.00626	0.000932	6.46	0.0223	2.31	0.000932	0.000932	0.00000466	0.00702	0.00396	0.00948	0.0114	0.00000466	9.98	0.0000196	0.000185	0.0000987	0.000617	0.0397	0.00000932	0.851	1.19	0.0135	0.000159	2.61	0.000932	0.0436	0.0000867	0.000183	0.0000398	0.0491	0.00000186	0.0000515	0.00042	0.00181	
2029 Aug	38.3	0.0249	0.00673	0.00101	7.07	0.0247	2.53	0.00101	0.00101	0.00000503	0.00751	0.00482	0.0103	0.0123	0.00000503	10.9	0.0000207	0.000199	0.000106	0.000671	0.0428	0.00001101	0.923	1.29	0.0145	0.000177	2.84	0.00101	0.047	0.0000923	0.000193	0.0000432	0.0533	0.00000201	0.0000557	0.000442	0.00193	
2029 Sep	42.3	0.0416	0.0067	0.00105	8.47	0.0295	3.12	0.00105	0.00105	0.00000524	0.00797	0.00721	0.011	0.0138	0.00000524	12.2	0.0000203	0.000207	0.000115	0.000756	0.0452	0.00001105	1	1.44	0.0141	0.00026	3.23	0.00105	0.0507	0.0000821	0.000168	0.0000446	0.0595	0.00000209	0.0000636	0.000412	0.00185	
2029 Oct	44.1	0.0619	0.00608

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2032 Jun	42.6	0.0519	0.00656	0.000966	9.1	0.0296	3.38	0.000966	0.000966	0.00000483	0.00751	0.00819	0.0103	0.0144	0.00000483	12.8	0.0000183	0.000202	0.000129	0.000759	0.0449	0.00000966	0.994	1.52	0.0159	0.000294	3.34	0.000996	0.0487	0.0000943	0.000136	0.0000436	0.0622	0.00000193	0.0000637	0.000385	0.00161	
2032 Jul	34.1	0.0263	0.0059	0.000859	6.49	0.0217	2.34	0.000859	0.000859	0.00000429	0.0065	0.00419	0.00882	0.0111	0.00000429	9.8	0.0000177	0.000174	0.0000994	0.000594	0.0377	0.00000859	0.813	1.17	0.0135	0.00017	2.55	0.00087	0.0408	0.0000865	0.000159	0.0000378	0.0482	0.00000172	0.0000494	0.000383	0.00162	
2032 Aug	35.7	0.0279	0.0061	0.000898	6.95	0.0237	2.5	0.000898	0.000898	0.00000449	0.00667	0.00462	0.00931	0.0118	0.00000449	10.4	0.0000176	0.00018	0.000103	0.000627	0.0391	0.00000898	0.856	1.23	0.0137	0.000189	2.71	0.000908	0.0424	0.0000868	0.000157	0.0000399	0.0508	0.0000018	0.0000517	0.000379	0.00164	
2032 Sep	38.7	0.0339	0.00637	0.000953	7.75	0.0267	2.81	0.000953	0.000953	0.00000476	0.00706	0.00686	0.0101	0.0127	0.00000476	11.3	0.0000178	0.000191	0.000109	0.000681	0.0414	0.00000953	0.923	1.33	0.0141	0.000227	2.97	0.000963	0.0453	0.0000853	0.000154	0.0000425	0.0552	0.00000191	0.0000564	0.000378	0.00168	
2032 Oct	40.7	0.0437	0.00631	0.000974	8.49	0.0293	3.13	0.000974	0.000974	0.00000487	0.00734	0.0087	0.0104	0.0135	0.00000487	12	0.0000178	0.000195	0.000114	0.000728	0.0427	0.00000974	0.962	1.41	0.0138	0.000273	3.18	0.000982	0.0475	0.0000789	0.00014	0.0000429	0.0583	0.00000195	0.0000609	0.000362	0.00164	
2032 Nov	42.5	0.055	0.00611	0.00098	9.24	0.0319	3.46	0.00098	0.00098	0.0000049	0.00754	0.00748	0.0106	0.0141	0.0000049	12.7	0.0000174	0.000197	0.000116	0.000772	0.0435	0.00000098	0.991	1.48	0.0131	0.000324	3.37	0.000987	0.0492	0.0000693	0.000121	0.0000425	0.0611	0.00000196	0.0000652	0.000336	0.00156	
2032 Dec	44.2	0.0688	0.00576	0.000974	10.1	0.0348	3.85	0.000974	0.000974	0.00000487	0.0077	0.00579	0.0108	0.0147	0.00000487	13.3	0.0000166	0.000195	0.000119	0.000818	0.0439	0.00000974	1.01	1.55	0.0121	0.000385	3.57	0.000979	0.0507	0.0000558	0.000943	0.0000414	0.0637	0.00000195	0.00007	0.000297	0.00143	
2033 Jan	45.3	0.0704	0.00605	0.000975	10.4	0.0349	3.96	0.000975	0.000975	0.00000487	0.0077	0.00566	0.0107	0.0153	0.00000487	13.8	0.0000166	0.0002	0.000129	0.000833	0.0453	0.00000975	1.04	1.62	0.0138	0.000389	3.67	0.000995	0.0511	0.0000636	0.000094	0.0000422	0.0663	0.00000195	0.0000706	0.000312	0.00142	
2033 Feb	46.5	0.0711	0.00645	0.000976	10.7	0.0348	4.06	0.000976	0.000976	0.00000488	0.00768	0.00563	0.0107	0.016	0.00000488	14.4	0.0000166	0.000206	0.000142	0.000846	0.0471	0.00000976	1.07	1.7	0.0162	0.000388	3.78	0.00102	0.0513	0.0000745	0.0000957	0.0000433	0.0693	0.00000195	0.0000071	0.000334	0.00142	
2033 Mar	47.4	0.0718	0.00669	0.00098	10.9	0.0348	4.14	0.00098	0.00098	0.0000049	0.0077	0.00563	0.0107	0.0165	0.0000049	14.7	0.0000167	0.00021	0.00015	0.000856	0.0483	0.0000098	1.09	1.75	0.0175	0.000389	3.85	0.00103	0.0516	0.0000807	0.000097	0.0000441	0.0712	0.00000196	0.0000715	0.000347	0.00143	
2033 Apr	48.6	0.0734	0.00693	0.000999	11.2	0.0354	4.25	0.000999	0.000999	0.000005	0.00785	0.00574	0.0109	0.017	0.000005	15.1	0.0000171	0.000216	0.000156	0.000877	0.0497	0.0000999	1.12	1.8	0.0185	0.000396	3.96	0.00106	0.0527	0.0000852	0.0000993	0.0000452	0.0734	0.000002	0.0000073	0.00036	0.00146	
2033 May	64.4	0.0737	0.0127	0.00102	15	0.0309	5.41	0.00102	0.00102	0.00000512	0.00763	0.011	0.0103	0.0262	0.00000512	22	0.000019	0.000304	0.000334	0.00103	0.0742	0.0000102	1.49	2.84	0.0512	0.000336	5.32	0.00134	0.0557	0.000393	0.000148	0.0000762	0.113	0.00000205	0.0000756	0.0007	0.00162	
2033 Jun	64.2	0.0514	0.015	0.000898	14.6	0.0203	5.06	0.000898	0.000898	0.00000449	0.00632	0.00603	0.00826	0.028	0.00000449	22.9	0.0000187	0.000321	0.000404	0.000942	0.0798	0.00000898	1.51	3.07	0.0669	0.000189	5.26	0.00135	0.0485	0.000564	0.000187	0.0000873	0.12	0.0000018	0.0000623	0.000872	0.00164	
2033 Jul	66.7	0.0524	0.0155	0.000961	15.1	0.0217	5.22	0.000961	0.000961	0.00000481	0.00677	0.00667	0.00887	0.0288	0.00000481	23.6	0.00002	0.000334	0.000413	0.000985	0.0828	0.00000961	1.57	3.16	0.0682	0.000197	5.45	0.00142	0.0515	0.000574	0.0002	0.0000904	0.124	0.00000192	0.0000656	0.000904	0.00176	
2033 Aug	74.9	0.0589	0.0173	0.00109	17	0.0251	5.87	0.00109	0.00109	0.00000545	0.00763	0.00884	0.0101	0.0323	0.00000545	26.5	0.0000222	0.000374	0.00046	0.00111	0.0927	0.0000109	1.76	3.54	0.0758	0.000227	6.13	0.00159	0.0581	0.000637	0.000222	0.000101	0.139	0.00000218	0.0000741	0.001	0.00198	
2033 Sep	57.6	0.0829	0.00955	0.000994	13.9	0.0356	5.13	0.000994	0.000994	0.00000497	0.00763	0.00648	0.0107	0.0221	0.00000497	19.2	0.0000164	0.000258	0.000248	0.000798	0.0616	0.00000994	1.32	2.37	0.0343	0.000416	4.8	0.00119	0.0543	0.000252	0.0000958	0.0000627	0.0954	0.00000199	0.0000768	0.000485	0.00139	
2033 Oct	47.9	0.0975	0.00539	0.000913	12	0.0394	4.7	0.000913	0.000913	0.00000456	0.00761	0.0027	0.0105	0.0166	0.00000456	15.1	0.000014	0.000193	0.00014	0.000903	0.0456	0.00000913	1.07	1.76	0.0132	0.000502	4.03	0.000947	0.052	0.0000594	0.000032	0.0000407	0.0718	0.00000183	0.0000777	0.000232	0.00106	
2033 Nov	48.1	0.0993	0.00531	0.000922	12.1	0.0401	4.74	0.000922	0.000922	0.00000461	0.00771	0.00245	0.0106	0.0166	0.00000461	15.2	0.0000141	0.000193	0.000138	0.000912	0.0456	0.00000922	1.07	1.76	0.0125	0.000512	4.05	0.000951	0.0526	0.0000531	0.00003	0.0000404	0.0719	0.00000184	0.0000787	0.000226	0.00106	
2033 Dec	48.2	0.0995	0.00531	0.000923	12.1	0.0402	4.75	0.000923	0.000923	0.00000462	0.00773	0.00244	0.0106	0.0166	0.00000462	15.2	0.0000141	0.000194	0.000138	0.000914	0.0457	0.00000923	1.07	1.77	0.0125	0.000513	4.06	0.000953	0.0527	0.0000529	0.00003	0.0000404	0.072	0.00000185	0.0000789	0.000226	0.00106	
2034 Jan	48.3	0.0996	0.00535	0.000924	12.2	0.0402	4.76	0.000924	0.000924	0.00000462	0.00773	0.00244	0.0106	0.0167	0.00000462	15.2	0.0000141	0.000194	0.000139	0.000915	0.0458	0.00000924	1.08	1.77	0.0127	0.000513	4.07	0.000954	0.0527	0.0000539	0.0000302	0.0000405	0.0722	0.00000185	0.0000789	0.000228	0.00107	
2034 Feb	48.5	0.0996	0.0054	0.000924	12.2	0.0401	4.77	0.000924	0.000924	0.00000462	0.00772	0.00244	0.0106	0.0168	0.00000462	15.3	0.0000141	0.000195	0.000141	0.000917	0.0461	0.00000924	1.08	1.78	0.0131	0.000513	4.08	0.000957	0.0527	0.0000553	0.0000305	0.0000407	0.0726	0.00000185	0.000079	0.000231	0.00107	
2034 Mar	48.6	0.0997	0.00544	0.000925	12.3	0.0402	4.78	0.000925	0.000925	0.00000462	0.00773	0.00244	0.0106	0.0169	0.00000462	15.4	0.0000141	0.000196	0.000142	0.000918	0.0462	0.00000925	1.08	1.79	0.0133	0.000513	4.09	0.00096	0.0528	0.0000562	0.0000307	0.0000408	0.0729	0.00000185	0.0000791	0.000233	0.00107	
2034 Apr	49.3	0.101	0.00553	0.000936	12.4	0.0406	4.85	0.000936	0.000936	0.00000468	0.00782	0.00247	0.0108	0.0171	0.00000468	15.6	0.0000143	0.000198	0.000144	0.00093	0.0469	0.00000936	1.1	1.82	0.0135	0.000519	4.15	0.000972	0.0535	0.0000574	0.0000312	0.0000413	0.0739	0.00000187	0.00008	0.000237	0.00108	
2034 May	54.5	0.103	0.0071	0.00098	13.6	0.0407	5.24	0.00098	0.00098	0.0000049	0.00806	0.00873	0.011	0.0197	0.0000049	17.6	0.0000154	0.000226	0.00019	0.000994	0.0542	0.0000098	1.22	2.11	0.0216	0.000516	4.59	0.00108	0.056	0.00013	0.000048	0.00005	0.0853	0.00000196	0.0000083	0.00033	0.00118	
2034 Jun	68.9	0.0769	0.0146	0.000951	16.4	0.0277	5.85	0.000951	0.000951	0.00000475	0.00701	0.00544	0.00924	0.0295	0.00000475	24.5	0.0000181	0.000327	0.000406	0.00106	0.0819	0.00000951	1.59	3.23	0.0644	0.000315	5.75	0.00139	0.0539	0.000534	0.000146	0.0000873	0.127	0.00000019	0.0000739	0.000807	0.0015	
2034 Jul	68.4	0.0743	0.0144	0.00098	16.2	0.0287	5.79	0.00098	0.00098	0.0000049	0.00712	0.00573	0.00944	0.0291	0.0000049	24.1	0.0000181	0.000323	0.000396	0.00107	0.0815	0.0000098	1.59	3.18	0.0625	0.000313	5.72	0.0014	0.0547	0.000518	0.000149	0.0000866	0.125	0.00000196	0.0000742	0.000791	0.00154	
2034 Aug	78.3	0.0848	0.0164	0.00113	18.6	0.0333	6.63	0.00113	0.00113	0.00000565	0.00817	0.00771	0.0109	0.0333	0.00000565	27.6	0.0000207	0.000369	0.000451	0.00123	0.0933	0.0000113	1.82	3.63	0.0711	0.00036	6.56	0.0016	0.0629	0.00059	0.00017	0.0000992	0.143	0.00000226	0.0000853	0.0009	0.00177	
2034 Sep	59.9	0.0979	0.00924	0.00102	14.7	0.0391	5.54	0.00102	0.00102	0.00000509	0.00809	0.00564	0.011	0.0228	0.00000509	19.9	0.0000166	0.000259	0.000249	0.00105	0.0633	0.0000102	1.36	2.46	0.0329	0.000478	5.04	0.0012	0.0577	0.000238	0.000077	0.0000616	0.0985	0.00000204	0.0000834	0.000461	0.00133	
2034 Oct	49.1	0.103	0.00534	0.000936	12.4	0.0411	4.86	0.000936	0.000936	0.00000468	0.00787	0.00267	0.0108	0.0169	0.00000468	15.5	0.0000143	0.000196	0.00014	0.000933	0.0464	0.00000936	1.09	1.8	0.0126	0.000527	4.14	0.000965	0.0537	0.0000523	0.0000277	0.0000407	0.0732	0.00000187	0.0000806	0.000225	0.00107	
2034 Nov	49.7	0.105	0.00534	0.000951	12.6	0.0418	4.93	0.000951	0.000951	0.00000475	0.008	0.00252	0.011	0.0171	0.00000475	15.6	0.0000145	0.000198	0.00014	0.000947	0.0469	0.00000951	1.1	1.82	0.0123	0.000537	4.19	0.000977	0.0545	0.0000492	0.0000271	0.0000441	0.074	0.00000919	0.0000802	0.000224	0.00108	
2034 Dec	49.8	0.105	0.00535	0.000952	12.6	0.0419	4.94	0.000952	0.000952	0.00000476	0.00802	0.00251	0.011	0.0171	0.00000476	15.7	0.0000145	0.000198	0.00014	0.000949	0.0469	0.00000952	1.11	1.82	0.0123	0.000539	4.2	0.000978	0.0546	0.000049	0.00002	0.0000441	0.0741	0.00000919	0.0000821	0.000224	0.00108	
2035 Jan	49.9	0.105	0.00539	0.000953	12.6	0.0419	4.95	0.000953	0.000953	0.00000476	0.00801	0.00251	0.011	0.0172	0.00000476	15.7	0.0000145	0.000199	0.000142	0.00095	0.0471	0.00000953	1.11	1.83	0.0126	0.000538	4.21	0.00098	0.0547	0.0000502	0.0000273	0.0000412	0.0744	0.00000191	0.0000822	0.000227	0.00108	
2035 Feb	50.1	0.105	0.00546	0.000953	12.7	0.0418	4.97	0.000953	0.000953	0.00000476	0.00801	0.00251	0.011	0.0173	0.00000476	15.8	0.0000145	0.0002	0.000144	0.000952	0.0474	0.00000953	1.11	1.84	0.013	0.000538	4.23	0.000984	0.0547	0.0000552	0.0000277	0.0000414	0.0749	0.00000191	0.0000822	0.000231	0.00108	
2035 Mar	50.3	0.105	0.00551	0.000954	12.7	0.0419	4.98	0.000954	0.000954	0.00000477	0.00802	0.00251	0.011	0.0174	0.00000477	15.9	0.0000145	0.000201	0.000145	0.000954	0.0477	0.00000954	1.12	1.85	0.0132	0.000538	4.24	0.000987	0.0548	0.0000532	0.00028	0.0000415	0.0753	0.00000191	0.0000823	0.000233	0.00108	
2035 Apr	51	0.106	0.0056	0.000966	12.9	0.0424	5.05	0.000966	0.000966	0.00000483	0.00811	0.00255	0.0111	0.0177	0.00000483	16.1	0.0000147	0.000204	0.000148	0.000967	0.0484	0.00000966	1.13	1.88	0.0136	0.000545	4.3	0.001	0.0555	0.0000546	0.0000285	0.0000421	0.0764	0.00000193	0.0000834	0.000238	0.0011	
2035 May	54.6	0.112	0.00617	0.00103	13.8	0.0447	5.39	0.00103	0.00103	0.00000513	0.00859	0.00749	0.0118	0.0191	0.00000513	17.3	0.0000157	0.000219	0.000164	0.00103	0.0522	0.0000103	1.22	2.03	0.0156	0.000574	4.61	0.00107	0.0589	0.0000694	0.0000328	0.0000458	0.0824	0.00000205	0.0000884	0.000266	0.00117	
2035 Jun	49.6	0.0495	0.00962	0.000923	10.8	0.0249	3.89	0.000923	0.000923	0.00000461	0.00696	0.0048	0.00929	0.019	0.00000461	16.2	0.0000185	0.000243	0.000229	0.000807	0.0571	0.00000923	1.16	2.06	0.0347	0.00024	3.96	0.00111	0.0477	0.000271	0.000158	0.0000591	0.0821	0.00000185	0.0000616	0.000569	0.00162	
2035 Jul	48.9	0.0453	0.00949	0.000956	10.4	0.0249	3.72	0.000956	0.000956	0.00000478	0.0072	0.0048	0.00962	0.0184	0.00000478	15.7	0.0000195	0.000243	0.000216	0.000799	0.0563	0.00000956	1.15	1.98	0.0328	0.000227	3.86	0.00112	0.0485	0.000255	0.000171	0.0000583	0.0795	0.00000191	0.0000615	0.000573	0.00172	
2035 Aug	52.6	0.0491	0.00999	0.00104	11.3	0.0285	4.05	0.00104	0.00104	0.00000519	0.00766	0.00599	0.0107	0.0197	0.00000519	16.9	0.0000199	0.000259	0.000225	0.000862	0.0593	0.0000104	1.24	2.11	0.0337	0.000264	4.18	0.0012	0.052	0.000257	0.000173	0.0000627	0.0851	0.00000208	0.0000665	0.000579	0.00181	
2035 Sep	48.8	0.0879	0.00592	0.000971	12	0.04	4.6	0.000971	0.000971	0.00000485	0.00768	0.00385	0.0112	0.0168	0.00000485	15.3	0.0000142	0.000204	0.00014	0.000901	0.0462	0.00000971	1.11	1.77	0.0139	0.000484	4.08	0.001	0.0524	0.0000642	0.0000492	0.0000447	0.0729	0.00000194	0.0000766	0.000249	0.0012	
2035 Oct	48	0.099	0.00511	0.000946	12.1	0.0413	4.73	0.000946	0.000946	0.00000473	0.00784	0.00387	0.011	0.0163	0.00000473	15	0.0000141	0.000193	0.000128	0.000916	0.0447	0.00000946	1.07	1.72	0.0106	0.000523	4.04	0.000958	0.0532	0.000034	0.0000294	0.0000399	0.0706	0.00000189	0.0000796	0.000207	0.00109	
2035 Nov	47	0.0997	0.00483	0.000924	11.9	0.0408	4.67	0.000924	0.000924	0.00000462	0.00774	0.00263	0.0108	0.0159	0.00000462	14.7	0.0000138	0.000187	0.000123	0.000903	0.0436	0.00000924	1.05	1.68	0.00971	0.000522	3.96	0.000931	0.0525	0.0000267	0.0000244	0.0000381	0.0689	0.00000185	0.0000788	0.000193	0.00105	
2035 Dec	47.3	0.1	0.00485	0.000929	12	0.0411	4.7	0.000929	0.000929	0.00000465	0.00779	0.00256	0.0108	0.016	0.00000465	14.7	0.0000139	0.000188	0.000123	0.000908	0.0438	0.00000929	1.05	1.69	0.00971	0.000526	3.98	0.000935	0.0528	0.0000263	0.0000242	0.0000383	0.0693	0.00000186	0.0000793	0.000194	0.00105	
2036 Jan	47.7	0.101	0.00498	0.00093	12.1	0.0411	4.73	0.00093	0.00093	0.00000465	0.00779	0.00255	0.0108	0.0162	0.00000465	14.9	0.0000139	0.00019	0.000128	0.000913	0.0444	0.0000093	1.06	1.72	0.0105	0.000525	4.02	0.000942	0.0529	0.00003	0.00025	0.0000387	0.0702	0.00000186	0.0000795	0.000201	0.00105	
2036 Feb	48.3	0.101	0.00517	0.00093	12.2	0.0409	4.78	0.00093	0.00093	0.00000465	0.00777	0.00255	0.0108	0.0165	0.00000465	15.2	0.0000139	0.000193	0.000134	0.000919	0.0452	0.0000093	1.07	1.75	0.0116	0.000524	4.07	0.000952	0.053	0.0000352	0.0000262	0.0000392	0.0716	0.00000186	0.0000796	0.000212	0.00106	
2036 Mar	48.6	0.101	0.00529	0.000931	12.3	0.0409	4.81	0.000931	0.000931	0.00000465	0.00777	0.00255	0.0108	0.0168	0.00000465	15.3	0.000014	0.000195	0.000138	0.000922	0.0457	0.00000931	1.08	1.78	0.0123	0.000523	4.1	0.000958	0.053	0.0000385	0.0000269	0.0000395	0.0725	0.00000186	0.0000797	0.000219	0.00106	
2036 Apr	49.6	0.103	0.00546	0.000945	12.5	0.0415	4.9	0.000945	0.000945	0.00000473	0.00789	0.00715	0.0109	0.0172	0.00000473	15.7	0.0000142	0.000199	0.000143	0.000939	0.0468	0.00000945	1.11	1.82	0.013	0.000531	4.19	0.000977	0.0539	0.0000415	0.0000279	0.0000404	0.0742	0.00000189	0.000081	0.000227	0.00108	
2036 May	53.1	0.109	0.0059	0.00101	13.4	0.0441	5.24	0.00101	0.00101	0.00000504	0.0084	0.0202	0.0116	0.0184	0.00000504	16.8	0.0000151	0.000213	0.000155	0.001	0.0503	0.0000101	1.18	1.96	0.0143	0.000565	4.48	0.00105	0.0575	0.0000471	0.0000303	0.0000433	0.0797	0.00000202	0.0000864	0.000247	0.00115	
2036 Jun	41.5	0.0488	0.00646	0.000953	8.72	0.0283	3.23	0.000953	0.000953	0.00000476	0.00743	0.00907	0.0101	0.0139	0.00000476	12.3	0.0000185	0.000199	0.000124	0.000736	0.0439	0.00000953	0.968	1.47	0.0155	0.000276	3.22	0.000979	0.0478	0.0000891	0.000141	0.0000422	0.0601	0.00000191	0.0000619	0.000389	0.00162	
2036 Jul	39.4	0.0336	0.00666	0.000979	7.69	0.0258	2.8	0.000979	0.000979	0.0000049	0.00742	0.00652	0.0101	0.013	0.0000049	11.4	0.0000197	0.000198	0.000116	0.000605	0.0435	0.0000979	0.939	1.36	0.0153	0.000211	2.99	0.000987	0.047	0.0000566	0.000173	0.0000429	0.0561	0.00000196	0.0000577	0.000424	0.0018	
2036 Aug	44.7	0.0381	0.00749	0.00111	8.81	0.03	3.2	0.00111	0.00111	0.00000554	0.00829	0.00852	0.0115	0.0148	0.00000554	13	0.0000216	0.000222	0.00013	0.00079	0.0489	0.0000111	1.07	1.55	0.017	0.000247	3.41	0.00112	0.053	0.000105	0.000188	0.0000488	0.0638	0.00000221	0.0000652	0.000462	0.002	
2036 Sep	45.7	0.0542	0.00676	0.00107	9.87	0.0343	3.66	0.00107	0.00107	0.00000533	0.00799	0.00968	0.0116	0.0152	0.00000533	13.6	0.0000183	0.000214	0.000126	0.000823	0.0467	0.0000107	1.07	1.59	0.0146	0.000337	3.62	0.00107	0.0524	0.0000772	0.000134	0.0000472	0.0659	0.00000213	0.0000688	0.000363	0.0017	
2036 Oct	46.4	0.0806	0.00561	0.000989	11	0.0381	4.24	0.000989	0.000989	0.00000494	0.00791	0.00635	0.0111	0.0155	0.00000494	14.2	0.0000159	0.000198	0.000123	0.000871	0.0449	0.0000989	1.06	1.64	0.0115	0.000444	3.81	0.000993	0.0527	0.0000453	0.0000724	0.0000417	0.0673	0.00000198	0.0000749	0.000266	0.00134	
2036 Nov	46.6	0.085	0.00544	0.000978	11.2	0.0388	4.34	0.000978	0.000978	0.00000489	0.00791	0.00539	0.0111	0.0156	0.00000489	14.3	0.0000156	0.000196	0.000122	0.00088	0.0447	0.00000978	1.06	1.65	0.011	0.000462	3.85	0.000982	0.0529	0.0000403	0.0000627	0.0000409	0.0677	0.00000196	0.000076	0.000251	0.00128	
2036 Dec	46.8	0.0874	0.00536	0.000975	11.3	0.0393	4.4

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2039 Dec	61.7	0.0483	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000542	0.00749	0.00172	0.0101	0.0254	0.00000542	20.9	0.0000199	0.000299	0.000327	0.001	0.0754	0.0000108	1.47	2.73	0.0517	0.000233	5.07	0.00138	0.0553	0.000429	0.000191	0.0000799	0.108	0.00000217	0.0000692	0.000742	0.00187	
2040 Jan	61.7	0.0483	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000542	0.00749	0.00172	0.0101	0.0254	0.00000542	20.9	0.0000199	0.000299	0.000327	0.001	0.0754	0.0000108	1.47	2.73	0.0518	0.000234	5.07	0.00138	0.0554	0.000429	0.000191	0.0000799	0.108	0.00000217	0.0000692	0.000742	0.00187	
2040 Feb	61.7	0.0483	0.0131	0.00108	13.6	0.0284	4.83	0.00108	0.00108	0.00000542	0.00749	0.00172	0.0101	0.0254	0.00000542	20.9	0.0000199	0.000299	0.000327	0.001	0.0755	0.0000108	1.47	2.73	0.0518	0.000234	5.07	0.00138	0.0554	0.000429	0.000191	0.00008	0.109	0.00000217	0.0000692	0.000743	0.00187	
2040 Mar	61.8	0.0484	0.0131	0.00108	13.7	0.0284	4.84	0.00108	0.00108	0.00000542	0.0075	0.00172	0.0101	0.0254	0.00000542	21	0.00002	0.000299	0.000327	0.001	0.0756	0.0000108	1.47	2.74	0.0519	0.000234	5.08	0.00139	0.0554	0.00043	0.000191	0.00008	0.109	0.00000217	0.0000693	0.000744	0.00188	
2040 Apr	62	0.0485	0.0132	0.00109	13.7	0.0285	4.86	0.00109	0.00109	0.00000544	0.00752	0.00173	0.0102	0.0255	0.00000544	21.1	0.00002	0.0003	0.000329	0.00101	0.0758	0.0000109	1.48	2.75	0.0521	0.000235	5.1	0.00139	0.0556	0.000431	0.000192	0.0000804	0.109	0.00000218	0.0000696	0.000747	0.00188	
2040 May	63.5	0.0496	0.0135	0.00111	14	0.029	4.97	0.00111	0.00111	0.00000554	0.00765	0.00176	0.0103	0.0261	0.00000554	21.6	0.0000204	0.000307	0.000338	0.00103	0.0776	0.0000111	1.51	2.82	0.0536	0.000239	5.23	0.00142	0.0567	0.000444	0.000196	0.0000823	0.112	0.00000222	0.0000709	0.000766	0.00192	
2040 Jun	62.2	0.0475	0.0136	0.00104	13.8	0.0261	4.85	0.00104	0.00104	0.0000052	0.00718	0.00164	0.00964	0.026	0.0000052	21.4	0.0000197	0.000304	0.000346	0.000983	0.0766	0.0000104	1.48	2.81	0.0557	0.000215	5.1	0.00138	0.0536	0.000466	0.000193	0.0000821	0.111	0.00000208	0.000067	0.00078	0.00183	
2040 Jul	63.9	0.0485	0.014	0.00107	14.1	0.0269	4.97	0.00107	0.00107	0.00000536	0.00742	0.00168	0.00996	0.0266	0.00000536	21.9	0.0000204	0.000313	0.000354	0.00101	0.0786	0.0000107	1.52	2.88	0.057	0.000221	5.23	0.00142	0.0552	0.000476	0.0002	0.0000842	0.114	0.00000215	0.000069	0.000801	0.00189	
2040 Aug	66.1	0.0501	0.0145	0.00111	14.6	0.0279	5.14	0.00111	0.00111	0.00000556	0.00768	0.00174	0.0103	0.0275	0.00000556	22.7	0.0000211	0.000323	0.000366	0.00105	0.0813	0.0000111	1.57	2.98	0.0588	0.000229	5.42	0.00147	0.0572	0.000492	0.000206	0.0000871	0.118	0.00000222	0.0000714	0.000827	0.00196	
2040 Sep	66.5	0.0508	0.0145	0.00112	14.7	0.0283	5.18	0.00112	0.00112	0.0000056	0.00774	0.00175	0.0104	0.0277	0.0000056	22.8	0.0000211	0.000325	0.000367	0.00105	0.0817	0.0000112	1.58	2.99	0.0589	0.000234	5.45	0.00148	0.0576	0.000491	0.000206	0.0000875	0.118	0.00000224	0.0000721	0.000827	0.00197	
2040 Oct	66.8	0.0513	0.0146	0.00113	14.8	0.0285	5.21	0.00113	0.00113	0.00000563	0.00779	0.00176	0.0105	0.0278	0.00000563	22.9	0.0000212	0.000327	0.000368	0.00106	0.0821	0.0000113	1.59	3.01	0.0591	0.000236	5.48	0.00148	0.0579	0.000493	0.000207	0.0000879	0.119	0.00000225	0.0000725	0.000831	0.00198	
2040 Nov	67	0.0515	0.0146	0.00113	14.9	0.0286	5.23	0.00113	0.00113	0.00000565	0.00782	0.00177	0.0105	0.0279	0.00000565	23	0.0000213	0.000328	0.000369	0.00106	0.0823	0.0000113	1.6	3.02	0.0593	0.000237	5.5	0.00149	0.0581	0.000494	0.000208	0.0000882	0.119	0.00000226	0.0000728	0.000833	0.00198	
2040 Dec	67.1	0.0515	0.0146	0.00113	14.9	0.0287	5.23	0.00113	0.00113	0.00000565	0.00782	0.00177	0.0105	0.0279	0.00000565	23	0.0000213	0.000328	0.000369	0.00106	0.0823	0.0000113	1.6	3.02	0.0593	0.000237	5.5	0.00149	0.0581	0.000494	0.000208	0.0000882	0.119	0.00000226	0.0000728	0.000833	0.00198	
2041 Jan	67.1	0.0516	0.0146	0.00113	14.9	0.0287	5.23	0.00113	0.00113	0.00000565	0.00782	0.00177	0.0105	0.0279	0.00000565	23	0.0000213	0.000328	0.000369	0.00106	0.0823	0.0000113	1.6	3.02	0.0593	0.000238	5.5	0.00149	0.0581	0.000494	0.000208	0.0000882	0.119	0.00000226	0.0000728	0.000833	0.00198	
2041 Feb	67.1	0.0516	0.0146	0.00113	14.9	0.0287	5.23	0.00113	0.00113	0.00000566	0.00782	0.00177	0.0105	0.0279	0.00000566	23	0.0000213	0.000328	0.00037	0.00106	0.0824	0.0000113	1.6	3.02	0.0593	0.000238	5.5	0.00149	0.0582	0.000494	0.000208	0.0000882	0.12	0.00000226	0.0000729	0.000834	0.00198	
2041 Mar	67.1	0.0516	0.0146	0.00113	14.9	0.0287	5.24	0.00113	0.00113	0.00000566	0.00783	0.00177	0.0106	0.0279	0.00000566	23	0.0000213	0.000328	0.00037	0.00106	0.0824	0.0000113	1.6	3.02	0.0593	0.000238	5.51	0.00149	0.0582	0.000495	0.000208	0.0000883	0.12	0.00000226	0.0000729	0.000834	0.00199	
2041 Apr	67.3	0.0518	0.0147	0.00113	14.9	0.0288	5.25	0.00113	0.00113	0.00000567	0.00784	0.00177	0.0106	0.028	0.00000567	23.1	0.0000214	0.000329	0.00037	0.00107	0.0826	0.0000113	1.6	3.03	0.0595	0.000238	5.52	0.00149	0.0583	0.000496	0.000208	0.0000885	0.12	0.00000227	0.0000731	0.000836	0.00199	
2041 May	68.1	0.0524	0.0148	0.00115	15.1	0.0291	5.31	0.00115	0.00115	0.00000574	0.00794	0.00179	0.0107	0.0283	0.00000574	23.3	0.0000216	0.000333	0.00037	0.00108	0.0836	0.0000115	1.62	3.07	0.0602	0.000241	5.59	0.00151	0.059	0.000502	0.000211	0.0000895	0.121	0.0000023	0.0000739	0.000846	0.00201	
2041 Jun	62.2	0.0456	0.0135	0.0011	13.5	0.0272	4.75	0.0011	0.0011	0.00000549	0.00766	0.00163	0.0103	0.0254	0.00000549	21	0.0000212	0.000307	0.00033	0.00099	0.0761	0.0000111	1.48	2.74	0.0529	0.000217	5.05	0.00141	0.0557	0.000438	0.000208	0.0000812	0.109	0.0000022	0.0000689	0.00078	0.00197	
2041 Jul	57.1	0.0404	0.0123	0.00104	12.2	0.0253	4.3	0.00104	0.00104	0.00000521	0.0073	0.00149	0.00984	0.023	0.00000521	19.1	0.0000203	0.000284	0.000295	0.000911	0.0696	0.0000104	1.36	2.48	0.0472	0.000197	4.6	0.00131	0.0523	0.000389	0.0002	0.0000742	0.0987	0.00000208	0.0000642	0.00072	0.00189	
2041 Aug	59.6	0.0422	0.0128	0.00109	12.8	0.0265	4.49	0.00109	0.00109	0.00000544	0.00763	0.00155	0.0103	0.024	0.00000544	19.9	0.0000212	0.000296	0.000308	0.000952	0.0727	0.0000109	1.42	2.59	0.0492	0.000206	4.8	0.00137	0.0546	0.000406	0.000209	0.0000775	0.103	0.00000218	0.0000671	0.000751	0.00198	
2041 Sep	60.1	0.0428	0.0129	0.0011	12.9	0.0268	4.53	0.0011	0.0011	0.00000549	0.0077	0.00157	0.0104	0.0242	0.00000549	20.1	0.0000214	0.000299	0.00031	0.000961	0.0732	0.0000111	1.44	2.61	0.0495	0.000209	4.85	0.00138	0.0551	0.000408	0.00021	0.0000781	0.104	0.0000022	0.0000677	0.000756	0.00199	
2041 Oct	59.8	0.043	0.0128	0.00109	12.9	0.0269	4.52	0.00109	0.00109	0.00000547	0.00767	0.00156	0.0104	0.0241	0.00000547	20	0.0000213	0.000297	0.000308	0.000957	0.0728	0.0000109	1.43	2.6	0.0491	0.000211	4.82	0.00137	0.0549	0.000404	0.000208	0.0000776	0.103	0.00000219	0.0000676	0.000749	0.00198	
2041 Nov	60.1	0.0432	0.0129	0.0011	12.9	0.027	4.54	0.0011	0.0011	0.00000548	0.0077	0.00156	0.0104	0.0242	0.00000548	20	0.0000213	0.000298	0.000309	0.000961	0.073	0.0000111	1.43	2.61	0.0492	0.000212	4.84	0.00137	0.0551	0.000405	0.000209	0.0000778	0.104	0.00000219	0.0000679	0.000752	0.00199	
2041 Dec	60.1	0.0433	0.0129	0.0011	12.9	0.027	4.54	0.0011	0.0011	0.00000549	0.0077	0.00156	0.0104	0.0242	0.00000549	20.1	0.0000213	0.000298	0.000309	0.000961	0.0731	0.0000111	1.43	2.61	0.0493	0.000212	4.84	0.00138	0.0551	0.000405	0.000209	0.0000779	0.104	0.00000219	0.0000679	0.000752	0.00199	
2042 Jan	60.1	0.0433	0.0129	0.0011	12.9	0.027	4.54	0.0011	0.0011	0.00000549	0.00771	0.00156	0.0104	0.0242	0.00000549	20.1	0.0000213	0.000298	0.000309	0.000962	0.0731	0.0000111	1.43	2.61	0.0493	0.000212	4.84	0.00138	0.0551	0.000405	0.000209	0.0000779	0.104	0.0000022	0.0000679	0.000752	0.00199	
2042 Feb	60.1	0.0433	0.0129	0.0011	12.9	0.027	4.54	0.0011	0.0011	0.00000549	0.00771	0.00156	0.0104	0.0242	0.00000549	20.1	0.0000213	0.000298	0.000309	0.000962	0.0731	0.0000111	1.43	2.61	0.0493	0.000212	4.85	0.00138	0.0551	0.000405	0.000209	0.0000779	0.104	0.0000022	0.0000679	0.000752	0.00199	
2042 Mar	60.1	0.0433	0.0129	0.0011	12.9	0.027	4.54	0.0011	0.0011	0.00000549	0.00771	0.00156	0.0104	0.0242	0.00000549	20.1	0.0000213	0.000298	0.000309	0.000962	0.0731	0.0000111	1.44	2.61	0.0493	0.000212	4.85	0.00138	0.0552	0.000405	0.000209	0.0000779	0.104	0.0000022	0.000068	0.000753	0.00199	
2042 Apr	60.4	0.0436	0.0129	0.0011	13	0.0271	4.57	0.0011	0.0011	0.00000552	0.00775	0.00157	0.0105	0.0243	0.00000552	20.2	0.0000215	0.0003	0.000311	0.000967	0.0735	0.0000111	1.44	2.62	0.0496	0.000213	4.87	0.00138	0.0554	0.000408	0.00021	0.0000783	0.104	0.00000221	0.0000683	0.000756	0.002	
2042 May	61.6	0.0444	0.0132	0.00112	13.2	0.0276	4.65	0.00112	0.00112	0.00000562	0.00789	0.0016	0.0107	0.0248	0.00000562	20.6	0.0000219	0.000306	0.000317	0.000985	0.0749	0.0000112	1.47	2.67	0.0505	0.000217	4.96	0.00141	0.0565	0.000415	0.000214	0.0000798	0.106	0.00000225	0.0000696	0.000771	0.00204	
2042 Jun	57.7	0.04	0.0123	0.00109	12.2	0.0263	4.29	0.00109	0.00109	0.00000544	0.00768	0.00149	0.0104	0.0229	0.00000544	19	0.0000215	0.000289	0.000288	0.000926	0.07	0.0000109	1.38	2.47	0.0459	0.000201	4.61	0.00134	0.0541	0.000375	0.000211	0.0000744	0.0983	0.00000218	0.0000661	0.000727	0.002	
2042 Jul	55.3	0.0372	0.0117	0.00107	11.6	0.0258	4.08	0.00107	0.00107	0.00000534	0.00754	0.00143	0.0102	0.0218	0.00000534	18.1	0.000021	0.000277	0.000271	0.000894	0.0671	0.0000107	1.32	2.34	0.043	0.000192	4.41	0.0013	0.0528	0.00035	0.000208	0.0000712	0.0935	0.00000214	0.0000641	0.000696	0.00197	
2042 Aug	53.9	0.0366	0.0113	0.00105	11.4	0.0263	4	0.00105	0.00105	0.00000525	0.00733	0.0014	0.0101	0.0211	0.00000525	17.6	0.0000199	0.000268	0.000259	0.000877	0.0648	0.0000105	1.29	2.27	0.0407	0.000199	4.32	0.00126	0.0516	0.00033	0.000196	0.0000692	0.0907	0.0000021	0.000063	0.000655	0.0019	
2042 Sep	53.3	0.0369	0.011	0.00104	11.3	0.0265	3.98	0.00104	0.00104	0.00000521	0.00725	0.00138	0.0101	0.0209	0.00000521	17.4	0.0000195	0.000264	0.000253	0.00087	0.0637	0.0000104	1.28	2.23	0.0397	0.000205	4.28	0.00125	0.0511	0.00032	0.00019	0.0000683	0.0896	0.00000209	0.0000626	0.000637	0.00187	
2042 Oct	52.8	0.0375	0.0109	0.00103	11.2	0.0265	3.96	0.00103	0.00103	0.00000516	0.0072	0.00136	0.01	0.0206	0.00000516	17.3	0.0000193	0.000261	0.000249	0.000863	0.0629	0.0000103	1.27	2.21	0.039	0.000208	4.24	0.00123	0.0507	0.000314	0.000187	0.0000673	0.0886	0.00000207	0.0000624	0.000626	0.00184	
2042 Nov	53	0.0378	0.0109	0.00104	11.3	0.0267	3.98	0.00104	0.00104	0.00000518	0.00723	0.00137	0.0101	0.0207	0.00000518	17.3	0.0000193	0.000262	0.00025	0.000867	0.0631	0.0000104	1.27	2.21	0.039	0.000209	4.26	0.00124	0.0509	0.000314	0.000187	0.0000675	0.0888	0.00000207	0.0000626	0.000627	0.00185	
2042 Dec	53	0.0378	0.0109	0.00104	11.3	0.0267	3.98	0.00104	0.00104	0.00000518	0.00723	0.00137	0.0101	0.0207	0.00000518	17.3	0.0000193	0.000262	0.00025	0.000867	0.0631	0.0000104	1.27	2.22	0.039	0.000211	4.26	0.00124	0.0509	0.000314	0.000187	0.0000675	0.0889	0.00000207	0.0000626	0.000627	0.00185	
2043 Jan	53	0.0379	0.0109	0.00104	11.3	0.0267	3.98	0.00104	0.00104	0.00000518	0.00723	0.00137	0.0101	0.0207	0.00000518	17.3	0.0000193	0.000262	0.00025	0.000867	0.0631	0.0000104	1.27	2.22	0.039	0.00021	4.26	0.00124	0.0509	0.000314	0.000187	0.0000675	0.0889	0.00000207	0.0000627	0.000627	0.00185	
2043 Feb	53	0.0379	0.0109	0.00104	11.3	0.0267	3.98	0.00104	0.00104	0.00000518	0.00723	0.00137	0.0101	0.0207	0.00000518	17.3	0.0000193	0.000262	0.00025	0.000867	0.0631	0.0000104	1.27	2.22	0.0391	0.00021	4.26	0.00124	0.0509	0.000314	0.000187	0.0000675	0.0889	0.00000207	0.0000627	0.000627	0.00185	
2043 Mar	53	0.0379	0.0109	0.00104	11.3	0.0267	3.98	0.00104	0.00104	0.00000518	0.00723	0.00137	0.0101	0.0207	0.00000518	17.3	0.0000193	0.000262	0.00025	0.000868	0.0631	0.0000104	1.27	2.22	0.0391	0.00021	4.26	0.00124	0.051	0.000314	0.000187	0.0000675	0.089	0.00000207	0.0000627	0.000627	0.00185	
2043 Apr	53.3	0.0381	0.011	0.00104	11.3	0.0268	4	0.00104	0.00104	0.00000521	0.00727	0.00137	0.0101	0.0208	0.00000521	17.4	0.0000194	0.000263	0.000251	0.000872	0.0634	0.0000104	1.28	2.23	0.0393	0.000211	4.28	0.00124	0.0512	0.000316	0.000188	0.0000679	0.0894	0.00000208	0.000063	0.00063	0.00186	
2043 May	54.5	0.039	0.0112	0.00106	11.6	0.0273	4.09	0.00106	0.00106	0.0000053	0.0074	0.0014	0.0103	0.0213	0.0000053	17.8	0.0000198	0.000269	0.000258	0.00089	0.0649	0.0000106	1.31	2.28	0.0404	0.000215	4.38	0.00127	0.0522	0.000325	0.000191	0.0000694	0.0915	0.00000212	0.0000642	0.000645	0.00189	
2043 Jun	55.1	0.039	0.0117	0.00102	11.8	0.0256	4.15	0.00102	0.00102	0.00000512	0.00714	0.00137	0.00986	0.022	0.00000512	18.3	0.0000195	0.000274	0.000277	0.000882	0.0663	0.0000102	1.32	2.37	0.044	0.000202	4.44	0.00127	0.0509	0.000359	0.000192	0.0000715	0.0945	0.00000205	0.0000627	0.000677	0.00185	
2043 Jul	57.4	0.0404	0.0122	0.00107	12.3	0.0268	4.32	0.00107	0.00107	0.00000535	0.00746	0.00143	0.0103	0.0229	0.00000535	19	0.0000203	0.000285	0.000287	0.00092	0.0691	0.0000107	1.37	2.46	0.0456	0.00021	4.62	0.00132	0.0531	0.000372	0.0002	0.0000743	0.0982	0.00000214	0.0000654	0.000703	0.00193	
2043 Aug	59.7	0.0421	0.0126	0.00112	12.8	0.0281	4.5	0.00112	0.00112	0.00000559	0.00777	0.00149	0.0108	0.0238	0.00000559	19.8	0.0000211	0.000297	0.000298	0.00096	0.0718	0.0000112	1.43	2.56	0.0473	0.00022	4.82	0.00138	0.0554	0.000386	0.000207	0.0000774	0.102	0.00000223	0.0000682	0.000729	0.00201	
2043 Sep	60	0.0426	0.0127	0.00112	12.9	0.0284	4.53	0.00112	0.00112	0.00000562	0.00781	0.0015	0.0109	0.0239	0.00000562	19.9	0.0000211	0.000298	0.000299	0.000965	0.0721	0.0000112	1.44	2.57	0.0473	0.000224	4.84	0.00138	0.0557	0.000385	0.000207	0.0000777	0.103	0.00000225	0.0000687	0.000728	0.00201	
2043 Oct	59.6	0.0439	0.0125	0.00112	12.9	0.0287	4.52	0.00112	0.00112	0.00000558	0.00779	0.00148	0.0108	0.0237	0.00000558	19.7	0.0000209	0.000294	0.000294	0.000962	0.0712	0.0000112	1.42	2.54	0.0463	0.000231	4.81	0.00137	0.0555	0.000376	0.000202	0.0000766	0.102	0.00000223	0.0000688	0.000714	0.00198	
2043 Nov	59.2	0.0452	0.0122	0.00111	12.8	0.0289	4.52	0.00111	0.00111	0.00000555	0.00778	0.00147	0.0108	0.0234	0.00000555	19.6	0.0000207	0.000291	0.000289	0.000959	0.0704	0.0000111	1.41	2.52	0.0453	0.000238	4.78	0.00136	0.0553	0.000366	0.000197	0.0000755	0.101	0.00000222	0.0000689	0.0007	0.00196	
2043 Dec	59.2	0.0453	0.0122	0.00111	12.8	0.0289	4.52	0.00111	0.00111	0.00000555	0.00778	0.00147	0.0108	0.0234	0.00000555	19.6	0.0000207	0.000291	0.000289	0.000959	0.0704	0.0000111	1.41	2.52	0.0453	0.000238	4.78	0.00136	0.0554	0.000366	0.000197	0.0000755	0.101	0.00000222	0.000069	0.0007	0.00196	
2044 Jan	59.2	0.0454	0.0123	0.00111	12.8	0.0289	4.52	0.00111	0.00111	0.00000555	0.00778	0.00147	0.0108	0.0234	0.00000555	19.6	0.0000207	0.000291	0.000289	0.000959	0.0704	0.0000111	1.41	2.52	0.0453	0.000239	4.78	0.00136	0.0554	0.000366	0.000197	0.0000755	0.101	0.00000222	0.000069	0.0007	0.00196	5.96E-10
2044 Feb	59.3	0.0454	0.0123	0.00111	12.8	0.0289	4.53	0.00111	0.00111	0.00000555	0.00778	0.00147	0.0108	0.0235	0.00000555	19.6	0.0000207	0.000292	0.000289	0.00096	0.0705	0.0000111	1.41	2.52	0.0454	0.000239	4.79	0.00136	0.0554	0.000366	0.000197	0.0000755	0.101	0.00000222	0.000069	0.0007	0.00196	6.53E-10
2044 Mar	59.3	0.0455	0.0123	0.00111	12.8	0.029	4.53	0.00111	0.00111	0.00000556	0.00779	0.00147	0.0108	0.0235	0.00000556	19.6	0.0000207	0.000292	0.00029	0.000961	0.0706	0.0000111	1.42	2.52	0.0454	0.000239	4.79	0.00136	0.0554	0.000367	0.000197	0.0000756	0.101	0.00000222	0.0000691	0.000701	0.00196	6.54E-10
2044 Apr	59.5	0.0456	0.0123	0.00111	12.9	0.029	4.54	0.00111	0.00111	0.00000557	0.00781	0.00148	0.0108	0.0235	0.00000557	19.7	0.0000208	0.000293	0.00029	0.000963	0.0707	0.0000111	1.42	2.53	0.0455	0.000239	4.8	0.00136	0.0556	0.000368	0.000198	0.0000757	0.101	0.00000223	0.0000692	0.000703	0.00196	6.55E-10
2044 May	60.4	0.0463	0.0125	0.00113	13.1	0.0295	4.61	0.00113	0.00113	0.00000565	0.00792	0.0015	0.011	0.0239	0.00000565	20	0.0000211	0.000297	0.000295	0.000978	0.0718	0.0000113	1.44	2.57	0.0462	0.000243	4.88	0.00138	0.0564	0.000373	0.000201	0.0000769	0.103	0.00000226	0.0000703	0.000713	0.00199	6.65E-10
2044 Jun	76.2	0.0434	0.0222	0.00135	16	0.0273	5.65	0.00106	0.00105	0.00000533	0.00702	0.00126	0.0109	0.0198	0.00000527	17

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2047 Jun	135	0.0542	0.0535	0.00214	28	0.0273	10.1	0.00104	0.00101	0.00000534	0.00571	0.001	0.0124	0.0169	0.00000514	15.4	0.0000159	0.00021	0.00022	0.00089	0.0471	0.00000711	1.44	2.24	0.0318	0.000235	12.1	0.00165	0.0341	0.000247	0.000168	0.0000735	0.0978	0.00000207	0.0000651	0.000495	0.00153	0.00014
2047 Jul	142	0.0568	0.0562	0.00225	29.5	0.0287	10.6	0.00109	0.00106	0.00000561	0.006	0.00105	0.013	0.0177	0.0000054	16.1	0.0000167	0.00022	0.00023	0.000934	0.0495	0.00000747	1.52	2.35	0.0333	0.000246	12.7	0.00173	0.0358	0.000259	0.000177	0.0000772	0.103	0.00000218	0.0000684	0.000519	0.00161	0.000147
2047 Aug	149	0.0594	0.0587	0.00235	30.8	0.03	11.1	0.00114	0.00111	0.00000586	0.00628	0.0011	0.0136	0.0186	0.00000565	16.8	0.0000174	0.00023	0.00024	0.000977	0.0517	0.00000782	1.58	2.46	0.0347	0.000258	13.2	0.00181	0.0374	0.00027	0.000185	0.0000807	0.107	0.00000228	0.0000715	0.000542	0.00169	0.000154
2047 Sep	147	0.0593	0.0577	0.00232	30.4	0.03	10.9	0.00113	0.0011	0.00000582	0.00625	0.00109	0.0135	0.0184	0.00000561	16.7	0.0000172	0.000228	0.000238	0.00097	0.0513	0.0000078	1.57	2.43	0.0343	0.000259	13	0.00179	0.0374	0.000266	0.000182	0.0000798	0.106	0.00000226	0.0000711	0.000534	0.00167	0.000151
2047 Oct	143	0.0593	0.0563	0.00228	29.8	0.0299	10.7	0.00112	0.00109	0.00000574	0.00621	0.00108	0.0133	0.0182	0.00000553	16.5	0.000017	0.000225	0.000233	0.000958	0.0506	0.00000773	1.54	2.39	0.0335	0.000261	12.8	0.00176	0.0372	0.000259	0.000177	0.0000783	0.105	0.00000223	0.0000705	0.000523	0.00164	0.000147
2047 Nov	142	0.0598	0.0557	0.00226	29.6	0.03	10.7	0.00112	0.00109	0.00000572	0.00622	0.00108	0.0133	0.0181	0.00000552	16.5	0.0000169	0.000224	0.000232	0.000958	0.0505	0.00000775	1.54	2.38	0.0332	0.000264	12.7	0.00175	0.0374	0.000256	0.000175	0.0000778	0.104	0.00000222	0.0000706	0.000519	0.00163	0.000145
2047 Dec	142	0.0599	0.0557	0.00226	29.6	0.03	10.7	0.00112	0.00109	0.00000572	0.00623	0.00108	0.0133	0.0181	0.00000552	16.5	0.000017	0.000225	0.000232	0.000958	0.0505	0.00000775	1.54	2.39	0.0332	0.000264	12.7	0.00175	0.0374	0.000256	0.000175	0.0000778	0.104	0.00000222	0.0000706	0.000519	0.00163	0.000145
2048 Jan	142	0.0599	0.0557	0.00226	29.6	0.03	10.7	0.00112	0.00109	0.00000572	0.00623	0.00108	0.0133	0.0182	0.00000552	16.5	0.000017	0.000225	0.000232	0.000958	0.0505	0.00000775	1.54	2.39	0.0332	0.000264	12.7	0.00175	0.0374	0.000256	0.000175	0.0000778	0.104	0.00000223	0.0000706	0.000519	0.00163	0.000145
2048 Feb	142	0.0599	0.0557	0.00226	29.6	0.03	10.7	0.00112	0.00109	0.00000573	0.00623	0.00108	0.0133	0.0182	0.00000553	16.5	0.000017	0.000225	0.000232	0.000959	0.0506	0.00000776	1.54	2.39	0.0333	0.000264	12.7	0.00175	0.0374	0.000256	0.000175	0.0000778	0.104	0.00000223	0.0000707	0.00052	0.00163	0.000145
2048 Mar	142	0.0599	0.0557	0.00226	29.6	0.03	10.7	0.00112	0.00109	0.00000573	0.00623	0.00108	0.0133	0.0182	0.00000553	16.5	0.000017	0.000225	0.000232	0.000959	0.0506	0.00000776	1.54	2.39	0.0333	0.000264	12.7	0.00175	0.0374	0.000256	0.000175	0.0000779	0.104	0.00000223	0.0000707	0.00052	0.00163	0.000145
2048 Apr	143	0.0602	0.0559	0.00227	29.7	0.0301	10.7	0.00112	0.00109	0.00000575	0.00625	0.00109	0.0134	0.0183	0.00000555	16.6	0.000017	0.000226	0.000233	0.000963	0.0508	0.00000779	1.55	2.4	0.0334	0.000265	12.7	0.00176	0.0376	0.000257	0.000176	0.0000781	0.105	0.00000223	0.0000709	0.000522	0.00164	0.000146
2048 May	145	0.0611	0.0567	0.0023	30.1	0.0306	10.9	0.00114	0.00111	0.00000584	0.00635	0.0011	0.0136	0.0185	0.00000563	16.8	0.0000173	0.000229	0.000237	0.000978	0.0516	0.00000791	1.57	2.44	0.034	0.00027	12.9	0.00178	0.0382	0.000262	0.000179	0.0000794	0.106	0.00000227	0.000072	0.00053	0.00167	0.000148
2048 Jun	139	0.0545	0.0559	0.00225	28.6	0.0285	10.4	0.00108	0.00105	0.00000553	0.00595	0.000984	0.013	0.016	0.00000533	14.8	0.0000164	0.000205	0.0002	0.000894	0.045	0.00000731	1.44	2.16	0.0281	0.000244	12.4	0.00168	0.0345	0.000212	0.000173	0.0000722	0.0954	0.00000215	0.0000675	0.00047	0.00159	0.000147
2048 Jul	147	0.0528	0.0615	0.00238	29.9	0.0279	11	0.00106	0.00102	0.00000542	0.00557	0.000894	0.0132	0.0141	0.0000052	13.4	0.0000155	0.000186	0.000174	0.000856	0.0392	0.00000664	1.4	2.01	0.0235	0.000236	13.1	0.00169	0.0306	0.000172	0.000167	0.0000691	0.0904	0.0000021	0.0000663	0.000415	0.00152	0.000163
2048 Aug	148	0.0538	0.0619	0.00241	30.3	0.0287	11.1	0.00108	0.00104	0.00000554	0.00569	0.000916	0.0134	0.0144	0.00000531	13.7	0.0000157	0.00019	0.000177	0.000873	0.04	0.00000684	1.42	2.05	0.0238	0.000245	13.2	0.00171	0.0314	0.000174	0.000168	0.0000703	0.0919	0.00000215	0.0000677	0.000418	0.00154	0.000164
2048 Sep	147	0.0539	0.0611	0.00239	30	0.0289	11	0.00107	0.00104	0.00000552	0.0057	0.000916	0.0134	0.0144	0.0000053	13.6	0.0000156	0.00019	0.000175	0.000871	0.0399	0.00000687	1.42	2.04	0.0236	0.000248	13.1	0.0017	0.0316	0.000171	0.000166	0.0000699	0.0915	0.00000214	0.0000676	0.000413	0.00154	0.000162
2048 Oct	145	0.054	0.06	0.00235	29.5	0.0288	10.9	0.00106	0.00103	0.00000547	0.00567	0.000911	0.0133	0.0143	0.00000525	13.6	0.0000154	0.000188	0.000174	0.000865	0.0396	0.00000684	1.4	2.02	0.0233	0.000249	12.9	0.00168	0.0316	0.000168	0.000163	0.0000691	0.0906	0.00000212	0.0000672	0.000408	0.00152	0.000159
2048 Nov	144	0.0543	0.0598	0.00235	29.5	0.0289	10.8	0.00107	0.00103	0.00000547	0.00569	0.000912	0.0133	0.0143	0.00000525	13.6	0.0000154	0.000188	0.000174	0.000867	0.0397	0.00000686	1.4	2.02	0.0232	0.00025	12.9	0.00168	0.0317	0.000168	0.000163	0.000069	0.0906	0.00000212	0.0000673	0.000407	0.00152	0.000158
2048 Dec	144	0.0544	0.0598	0.00235	29.5	0.0289	10.8	0.00107	0.00103	0.00000547	0.0057	0.000913	0.0133	0.0143	0.00000525	13.6	0.0000154	0.000188	0.000174	0.000867	0.0397	0.00000687	1.4	2.02	0.0232	0.000251	12.9	0.00168	0.0318	0.000168	0.000163	0.000069	0.0906	0.00000212	0.0000674	0.000407	0.00152	0.000158
2049 Jan	144	0.0544	0.0598	0.00235	29.5	0.0289	10.8	0.00107	0.00103	0.00000547	0.0057	0.000913	0.0133	0.0144	0.00000526	13.6	0.0000154	0.000188	0.000174	0.000867	0.0398	0.00000687	1.4	2.02	0.0232	0.000251	12.9	0.00168	0.0318	0.000168	0.000163	0.000069	0.0906	0.00000212	0.0000674	0.000407	0.00152	0.000158
2049 Feb	144	0.0544	0.0598	0.00235	29.5	0.0289	10.8	0.00107	0.00103	0.00000547	0.0057	0.000913	0.0133	0.0144	0.00000526	13.6	0.0000154	0.000189	0.000174	0.000867	0.0398	0.00000687	1.4	2.02	0.0233	0.000251	12.9	0.00168	0.0318	0.000168	0.000163	0.000069	0.0907	0.00000212	0.0000674	0.000408	0.00152	0.000158
2049 Mar	144	0.0545	0.0599	0.00235	29.5	0.0289	10.9	0.00107	0.00103	0.00000548	0.0057	0.000914	0.0133	0.0144	0.00000526	13.6	0.0000155	0.000189	0.000174	0.000868	0.0398	0.00000688	1.41	2.02	0.0233	0.000251	12.9	0.00168	0.0318	0.000168	0.000163	0.0000691	0.0907	0.00000212	0.0000675	0.000408	0.00152	0.000158
2049 Apr	145	0.0547	0.0601	0.00236	29.6	0.029	10.9	0.00107	0.00104	0.0000055	0.00572	0.000918	0.0133	0.0144	0.00000528	13.7	0.0000155	0.000189	0.000175	0.000871	0.04	0.0000069	1.41	2.03	0.0234	0.000252	12.9	0.00169	0.0319	0.000169	0.000164	0.0000693	0.0911	0.00000213	0.0000677	0.00041	0.00153	0.000159
2049 May	147	0.0555	0.061	0.00239	30.1	0.0295	11.1	0.00109	0.00105	0.00000558	0.00581	0.000932	0.0135	0.0147	0.00000536	13.9	0.0000158	0.000192	0.000178	0.000885	0.0406	0.00000701	1.43	2.06	0.0238	0.000256	13.1	0.00171	0.0324	0.000171	0.000166	0.0000704	0.0925	0.00000216	0.0000687	0.000416	0.00155	0.000161
2049 Jun	140	0.0498	0.0594	0.00231	28.4	0.0274	10.5	0.00103	0.000999	0.0000053	0.0055	0.000848	0.013	0.0129	0.00000509	12.4	0.0000152	0.000177	0.000154	0.000818	0.0362	0.00000657	1.33	1.86	0.0202	0.000232	12.5	0.00162	0.0298	0.000142	0.000163	0.000065	0.0843	0.00000206	0.0000652	0.00038	0.00149	0.000155
2049 Jul	148	0.0503	0.0649	0.00245	29.9	0.0274	11.2	0.00103	0.000989	0.0000528	0.00526	0.000809	0.0132	0.0121	0.00000505	11.8	0.0000146	0.000168	0.000144	0.000811	0.0334	0.00000614	1.33	1.83	0.0184	0.000232	13.2	0.00166	0.0274	0.000126	0.000159	0.0000649	0.0835	0.00000205	0.000066	0.000353	0.00145	0.000169
2049 Aug	156	0.053	0.0684	0.00258	31.6	0.029	11.9	0.00109	0.00104	0.00000557	0.00555	0.000854	0.014	0.0128	0.00000533	12.5	0.0000154	0.000177	0.000152	0.000856	0.0353	0.00000649	1.41	1.93	0.0194	0.000245	13.9	0.00175	0.029	0.000133	0.000168	0.0000685	0.0882	0.00000216	0.0000697	0.000372	0.00153	0.000178
2049 Sep	154	0.0535	0.0673	0.00255	31.2	0.0291	11.7	0.00108	0.00104	0.00000555	0.00556	0.000854	0.0139	0.0128	0.00000531	12.5	0.0000153	0.000177	0.000151	0.000854	0.0353	0.00000651	1.4	1.92	0.0192	0.000249	13.7	0.00174	0.0292	0.000131	0.000165	0.0000678	0.0876	0.00000215	0.0000696	0.000368	0.00151	0.000175
2049 Oct	151	0.0538	0.0657	0.0025	30.6	0.029	11.5	0.00107	0.00103	0.00000548	0.00555	0.000849	0.0137	0.0127	0.00000525	12.4	0.0000151	0.000175	0.000149	0.000847	0.0351	0.0000065	1.38	1.9	0.0188	0.000251	13.5	0.00171	0.0294	0.000128	0.000162	0.0000667	0.0865	0.00000213	0.0000691	0.000362	0.00149	0.000171
2049 Nov	151	0.0543	0.0653	0.00249	30.5	0.0292	11.5	0.00107	0.00103	0.00000548	0.00558	0.000852	0.0137	0.0128	0.00000525	12.5	0.0000152	0.000176	0.000149	0.000849	0.0353	0.00000653	1.38	1.9	0.0188	0.000254	13.4	0.0017	0.0296	0.000127	0.000161	0.0000666	0.0865	0.00000213	0.0000693	0.000361	0.00149	0.00017
2049 Dec	151	0.0544	0.0652	0.00249	30.5	0.0292	11.5	0.00107	0.00103	0.00000548	0.00559	0.000853	0.0137	0.0128	0.00000525	12.5	0.0000152	0.000176	0.000149	0.00085	0.0353	0.00000654	1.38	1.9	0.0188	0.000254	13.4	0.0017	0.0296	0.000127	0.00016	0.0000666	0.0865	0.00000213	0.0000694	0.000361	0.00149	0.000169
2050 Jan	151	0.0544	0.0652	0.00249	30.5	0.0292	11.5	0.00107	0.00103	0.00000548	0.00559	0.000853	0.0137	0.0128	0.00000525	12.5	0.0000152	0.000176	0.000149	0.00085	0.0353	0.00000654	1.38	1.9	0.0188	0.000255	13.4	0.0017	0.0297	0.000127	0.00016	0.0000666	0.0866	0.00000213	0.0000694	0.000361	0.00149	0.000169
2050 Feb	151	0.0545	0.0652	0.00249	30.5	0.0292	11.5	0.00107	0.00103	0.00000548	0.00559	0.000854	0.0137	0.0128	0.00000526	12.5	0.0000152	0.000176	0.000149	0.00085	0.0354	0.00000654	1.38	1.9	0.0188	0.000255	13.4	0.0017	0.0297	0.000127	0.00016	0.0000666	0.0866	0.00000213	0.0000694	0.000362	0.00149	0.000169
2050 Mar	151	0.0545	0.0652	0.00249	30.5	0.0292	11.5	0.00107	0.00103	0.00000548	0.00559	0.000854	0.0137	0.0128	0.00000526	12.5	0.0000152	0.000176	0.00015	0.000851	0.0354	0.00000654	1.38	1.91	0.0189	0.000255	13.4	0.0017	0.0297	0.000127	0.000161	0.0000666	0.0867	0.00000213	0.0000694	0.000362	0.00149	0.000169
2050 Apr	151	0.0546	0.0654	0.0025	30.6	0.0293	11.5	0.00107	0.00103	0.0000055	0.0056	0.000857	0.0137	0.0129	0.00000527	12.5	0.0000152	0.000177	0.00015	0.000853	0.0355	0.00000656	1.38	1.91	0.0189	0.000255	13.4	0.0017	0.0298	0.000128	0.000161	0.0000668	0.0869	0.00000213	0.0000696	0.000363	0.0015	0.00017
2050 May	153	0.0553	0.0662	0.00253	31	0.0297	11.6	0.00109	0.00105	0.00000557	0.00567	0.000868	0.0139	0.013	0.00000534	12.7	0.0000154	0.000179	0.000152	0.000864	0.036	0.00000665	1.4	1.94	0.0192	0.000259	13.6	0.00173	0.0302	0.00013	0.000163	0.0000677	0.0881	0.00000216	0.0000705	0.000368	0.00151	0.000172
2050 Jun	144	0.0509	0.0625	0.0024	29	0.0281	10.9	0.00105	0.00101	0.00000538	0.00557	0.000836	0.0134	0.0124	0.00000517	12.1	0.0000153	0.000175	0.000144	0.000823	0.0348	0.00000656	1.34	1.84	0.0183	0.000248	12.8	0.00165	0.0296	0.000123	0.000163	0.0000646	0.0833	0.00000209	0.0000678	0.000363	0.0015	0.00016
2050 Jul	145	0.0497	0.0644	0.00243	29.2	0.0276	11.1	0.00103	0.00099	0.00000527	0.00533	0.000801	0.0133	0.0117	0.00000505	11.5	0.0000147	0.000167	0.000136	0.000803	0.0327	0.00000622	1.31	1.78	0.0169	0.000235	12.9	0.00164	0.0278	0.000113	0.000159	0.0000634	0.0813	0.00000205	0.0000671	0.000341	0.00145	0.000164
2050 Aug	149	0.0511	0.0662	0.00251	30.1	0.0286	11.4	0.00107	0.00102	0.00000545	0.0055	0.00083	0.0137	0.0121	0.00000522	11.9	0.0000151	0.000172	0.00014	0.000831	0.0338	0.00000646	1.35	1.84	0.0175	0.000243	13.3	0.00169	0.0288	0.000116	0.000163	0.0000654	0.0839	0.00000212	0.0000693	0.000351	0.0015	0.000169
2050 Sep	149	0.0516	0.066	0.00251	30.1	0.0289	11.4	0.00107	0.00103	0.00000547	0.00554	0.000836	0.0137	0.0122	0.00000525	12	0.0000152	0.000173	0.00014	0.000835	0.0341	0.00000651	1.36	1.85	0.0175	0.000246	13.3	0.00169	0.0291	0.000116	0.000163	0.0000655	0.0841	0.00000213	0.0000697	0.000351	0.0015	0.000168
2050 Oct	150	0.0522	0.0663	0.00252	30.2	0.0291	11.5	0.00108	0.00104	0.00000551	0.0056	0.000843	0.0138	0.0123	0.00000529	12.1	0.0000153	0.000175	0.000141	0.000842	0.0344	0.00000658	1.37	1.86	0.0176	0.000249	13.4	0.00171	0.0294	0.000117	0.000164	0.000066	0.0848	0.00000214	0.0000703	0.000353	0.00151	0.000169
2050 Nov	150	0.0525	0.0665	0.00253	30.3	0.0292	11.5	0.00108	0.00104	0.00000553	0.00562	0.000846	0.0139	0.0124	0.0000053	12.2	0.0000153	0.000175	0.000142	0.000845	0.0345	0.0000066	1.37	1.87	0.0176	0.00025	13.4	0.00171	0.0296	0.000117	0.000164	0.0000662	0.0851	0.00000215	0.0000705	0.000355	0.00152	0.000169
2050 Dec	150	0.0525	0.0665	0.00253	30.3	0.0293	11.5	0.00108	0.00104	0.00000553	0.00562	0.000847	0.0139	0.0124	0.00000531	12.2	0.0000154	0.000175	0.000142	0.000846	0.0345	0.00000661	1.37	1.87	0.0177	0.00025	13.4	0.00171	0.0296	0.000117	0.000164	0.0000662	0.0851	0.00000215	0.0000706	0.000355	0.00152	0.000169
2051 Jan	150	0.0525	0.0665	0.00253	30.4	0.0293	11.5	0.00108	0.00104	0.00000553	0.00562	0.000847	0.0139	0.0124	0.00000531	12.2	0.0000154	0.000175	0.000142	0.000846	0.0345	0.00000661	1.37	1.87	0.0177	0.00025	13.4	0.00171	0.0296	0.000117	0.000164	0.0000662	0.0851	0.00000215	0.0000706	0.000355	0.00152	0.000169
2051 Feb	150	0.0525	0.0665	0.00253	30.4	0.0293	11.5	0.00108	0.00104	0.00000553	0.00562	0.000847	0.0139	0.0124	0.00000531	12.2	0.0000154	0.000175	0.000142	0.000846	0.0346	0.00000661	1.37	1.87	0.0177	0.00025	13.4	0.00171	0.0296	0.000117	0.000164	0.0000662	0.0852	0.00000215	0.0000706	0.000355	0.00152	0.000169
2051 Mar	151	0.0526	0.0666	0.00253	30.4	0.0293	11.5	0.00108	0.00104	0.00000554	0.00562	0.000848	0.0139	0.0124	0.00000531	12.2	0.0000154	0.000176	0.000142	0.000846	0.0346	0.00000661	1.37	1.87	0.0177	0.000251	13.4	0.00171	0.0296	0.000117	0.000164	0.0000663	0.0852	0.00000215	0.0000706	0.000355	0.00152	0.000169
2051 Apr	151	0.0528	0.0668	0.00254	30.5	0.0294	11.6	0.00109	0.00104	0.00000556	0.00565	0.000851	0.0139	0.0125	0.00000533	12.2	0.0000154	0.000176	0.000143	0.00085	0.0347	0.00000664	1.38	1.88	0.0178	0.000252	13.5	0.00172	0.0297	0.000118	0.000165	0.0000665	0.0856	0.00000216	0.0000709	0.000357	0.00153	0.00017
2051 May	153	0.0536	0.0676	0.00257	30.9	0.0298	11.7	0.0011	0.00106	0.00000564	0.00573	0.000869	0.0141	0.0128	0.00000541	12.5	0.0000157	0.00018	0.000148	0.000864	0.0357	0.00000675	1.4	1.92	0.0186	0.000255	13.6	0.00175	0.0303	0.000124	0.000168	0.0000679	0.0873	0.00000219	0.0000072	0.000367	0.00155	0.000172
2051 Jun	144	0.0504	0.065	0.00241	29.2	0.027	11.2	0.00103	0.000983	0.00000523	0.00529	0.000845	0.0131	0.0131	0.00000502	12.5	0.0000149	0.000182	0.000161	0.000823	0.0362	0.00000626	1.36	1.93	0.0216	0.000232	12.8	0.00167	0.0284	0.000154	0.000162	0.0000673	0.0863	0.00000204	0.0000669	0.000386	0.00145	0.000158
2051 Jul	157	0.0526	0.073	0.00262	31.6	0.0277	12.3	0.00105	0.000992	0.00000531	0.00512	0.000823	0.0138	0.0125	0.00000508	12.2	0.0000144	0.000177	0.000154	0.000834	0.0338	0.00000589	1.39	1.94	0.02	0.000242	14	0.00175	0.0262	0.000139	0.00016	0.0000688	0.0877	0.00000206	0.0000722	0.000361	0.00142	0.000177
2051 Aug	157	0.0532	0.0729	0.00263	31.7	0.0284	12.4	0.00106	0.00101	0.00000539	0.0052	0.00084	0.0139	0.0127	0.00000516	12.5	0.0000144	0.00018	0.000155	0.000846	0.0344	0.00000606	1.41	1.96	0.0201	0.000248	14	0.00176	0.0269	0.00014	0.00016	0.0000695	0.0886	0.00000209	0.000073	0.000361	0.00144	0.000176
2051 Sep	153	0.0541	0.0708	0.00257	31	0.0286	12.1	0.00105	0.000997	0.00000533	0.00522	0.000838	0.0138	0.0127	0.0000051	12.4	0.0000142	0.000178	0.000152	0.000842	0.0342	0.00000608	1.39	1.94	0.0196	0.000255	13.7	0.00173	0.0273	0.000134	0.000155	0.0000682	0.0874	0.00000207	0.0000727	0.000351	0.00141	0.000171
2051 Oct	148	0.0571	0.0688	0.00249	30.2	0.0288	11.9	0.00101	0.000961	0.00000514	0.00509	0.000812	0.0134	0.0122	0.00000492	12.1	0.0000134	0.000171	0.000143	0.000826	0.0325	0.00000584	1.35	1.87	0.0177	0.00027	13.3	0.00166	0.0267	0.000117	0.000139	0.0000665	0.0845	0.000002	0.0000726	0.000316	0.00131	0.000165
2051 Nov	149	0.0576	0.069	0.0025	30.3	0.029	11.9	0.00101	0.000962	0.00000514	0.0051	0.000812	0.0135	0.0122	0.00000493	12.1	0.0000134	0.000171	0.000143	0.000828	0.0324

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2054 Dec	149	0.0608	0.0691	0.0025	30.7	0.0301	12.3	0.00111	0.00105	0.00000556	0.00572	0.00105	0.014	0.0176	0.00000537	16.2	0.0000155	0.000232	0.000228	0.000956	0.0476	0.00000707	1.57	2.44	0.0328	0.000281	13.3	0.00183	0.0337	0.00025	0.000166	0.0000808	0.105	0.00000218	0.0000818	0.000484	0.00151	0.000148
2055 Jan	149	0.0609	0.0691	0.0025	30.7	0.0301	12.3	0.00111	0.00105	0.00000556	0.00572	0.00105	0.014	0.0176	0.00000537	16.2	0.0000155	0.000232	0.000228	0.000956	0.0476	0.00000707	1.57	2.44	0.0329	0.000281	13.3	0.00183	0.0337	0.00025	0.000166	0.0000808	0.105	0.00000218	0.0000818	0.000485	0.00151	0.000148
2055 Feb	149	0.0609	0.0691	0.0025	30.7	0.0301	12.3	0.00111	0.00105	0.00000556	0.00572	0.00105	0.014	0.0176	0.00000537	16.2	0.0000155	0.000232	0.000229	0.000957	0.0477	0.00000707	1.57	2.44	0.0329	0.000281	13.3	0.00183	0.0337	0.00025	0.000166	0.0000808	0.105	0.00000218	0.0000818	0.000485	0.00151	0.000148
2055 Mar	149	0.0609	0.0691	0.0025	30.7	0.0302	12.3	0.00111	0.00105	0.00000556	0.00572	0.00105	0.014	0.0176	0.00000537	16.2	0.0000155	0.000232	0.000229	0.000957	0.0477	0.00000708	1.57	2.44	0.0329	0.000281	13.3	0.00183	0.0337	0.00025	0.000166	0.0000808	0.105	0.00000218	0.0000818	0.000486	0.00151	0.000148
2055 Apr	149	0.0611	0.0693	0.0025	30.8	0.0302	12.3	0.00111	0.00105	0.00000557	0.00574	0.00105	0.0141	0.0177	0.00000539	16.3	0.0000156	0.000233	0.00023	0.00096	0.0479	0.00000771	1.58	2.45	0.0331	0.000282	13.3	0.00184	0.0338	0.00025	0.000166	0.0000811	0.105	0.00000219	0.0000821	0.000487	0.00151	0.000148
2055 May	151	0.0619	0.0702	0.00254	31.2	0.0306	12.5	0.00113	0.00107	0.00000564	0.00581	0.00107	0.0142	0.0179	0.00000545	16.5	0.0000158	0.000236	0.000233	0.000973	0.0485	0.00000719	1.6	2.48	0.0335	0.000285	13.5	0.00186	0.0342	0.00025	0.000169	0.0000821	0.107	0.00000221	0.0000831	0.000494	0.00153	0.00015
2055 Jun	146	0.0549	0.0715	0.00253	29.7	0.0285	12.2	0.00107	0.00101	0.00000535	0.00542	0.000946	0.014	0.0149	0.00000516	14.1	0.000015	0.000213	0.000189	0.000882	0.0406	0.00000655	1.47	2.18	0.0264	0.000261	13	0.00177	0.0301	0.000193	0.000164	0.0000746	0.0947	0.0000021	0.0000804	0.000424	0.00147	0.000151
2055 Jul	156	0.0555	0.0795	0.00272	31.5	0.0289	13.2	0.00109	0.00101	0.00000539	0.00526	0.000914	0.0146	0.0139	0.00000519	13.5	0.0000147	0.000208	0.000174	0.000879	0.0373	0.00000619	1.48	2.14	0.0238	0.000268	13.9	0.00183	0.0278	0.000169	0.000164	0.0000749	0.0938	0.00000212	0.0000841	0.000392	0.00144	0.000165
2055 Aug	161	0.0576	0.0823	0.00282	32.6	0.03	13.7	0.00113	0.00105	0.00000559	0.00545	0.000949	0.0152	0.0144	0.00000538	14	0.0000152	0.000216	0.000181	0.000912	0.0387	0.00000643	1.54	2.22	0.0247	0.000278	14.4	0.0019	0.0289	0.000175	0.00017	0.0000776	0.0972	0.0000022	0.0000872	0.000406	0.00149	0.000171
2055 Sep	161	0.0578	0.0817	0.00281	32.5	0.0302	13.6	0.00113	0.00105	0.0000056	0.00548	0.000952	0.0152	0.0144	0.00000539	14	0.0000152	0.000216	0.00018	0.000913	0.0388	0.00000648	1.54	2.22	0.0246	0.000281	14.4	0.0019	0.0291	0.000173	0.000169	0.0000775	0.0972	0.0000022	0.0000872	0.000404	0.00149	0.00017
2055 Oct	161	0.0582	0.0819	0.00282	32.6	0.0304	13.7	0.00113	0.00106	0.00000563	0.00551	0.000958	0.0152	0.0145	0.00000542	14.1	0.0000152	0.000217	0.000181	0.000918	0.039	0.00000652	1.54	2.23	0.0247	0.000283	14.4	0.0019	0.0294	0.000174	0.000169	0.0000778	0.0976	0.0000022	0.0000876	0.000406	0.0015	0.000171
2055 Nov	161	0.0584	0.082	0.00282	32.6	0.0305	13.7	0.00114	0.00106	0.00000564	0.00553	0.00096	0.0153	0.0145	0.00000543	14.1	0.0000153	0.000218	0.000182	0.00092	0.0391	0.00000654	1.55	2.23	0.0247	0.000284	14.4	0.00191	0.0294	0.000174	0.000169	0.000078	0.0978	0.0000022	0.0000878	0.000406	0.0015	0.000171
2055 Dec	161	0.0585	0.082	0.00282	32.6	0.0305	13.7	0.00114	0.00106	0.00000564	0.00553	0.00096	0.0153	0.0145	0.00000543	14.1	0.0000153	0.000218	0.000182	0.00092	0.0391	0.00000654	1.55	2.23	0.0247	0.000284	14.4	0.00191	0.0295	0.000174	0.000169	0.000078	0.0978	0.0000022	0.0000878	0.000406	0.0015	0.000171
2056 Jan	161	0.0585	0.082	0.00282	32.6	0.0305	13.7	0.00114	0.00106	0.00000564	0.00553	0.00096	0.0153	0.0145	0.00000543	14.1	0.0000153	0.000218	0.000182	0.000921	0.0391	0.00000654	1.55	2.23	0.0247	0.000284	14.4	0.00191	0.0295	0.000174	0.000169	0.000078	0.0978	0.0000022	0.0000878	0.000407	0.0015	0.000171
2056 Feb	161	0.0585	0.082	0.00282	32.6	0.0305	13.7	0.00114	0.00106	0.00000564	0.00553	0.000961	0.0153	0.0146	0.00000543	14.1	0.0000153	0.000218	0.000182	0.000921	0.0391	0.00000655	1.55	2.24	0.0248	0.000284	14.4	0.00191	0.0295	0.000174	0.000169	0.000078	0.0979	0.0000022	0.0000879	0.000407	0.0015	0.000171
2056 Mar	162	0.0586	0.082	0.00282	32.7	0.0305	13.7	0.00114	0.00106	0.00000564	0.00554	0.000962	0.0153	0.0146	0.00000543	14.2	0.0000153	0.000218	0.000182	0.000922	0.0392	0.00000655	1.55	2.24	0.0248	0.000284	14.4	0.00191	0.0295	0.000175	0.000169	0.000078	0.098	0.0000022	0.0000879	0.000408	0.0015	0.000171
2056 Apr	162	0.0588	0.0823	0.00283	32.8	0.0306	13.8	0.00114	0.00106	0.00000566	0.00556	0.000965	0.0153	0.0146	0.00000545	14.2	0.0000153	0.000219	0.000183	0.000925	0.0393	0.00000657	1.55	2.25	0.0249	0.000285	14.5	0.00191	0.0296	0.000175	0.00017	0.0000783	0.0984	0.0000022	0.0000882	0.000409	0.00151	0.000171
2056 May	162	0.0597	0.0814	0.00281	32.8	0.0306	13.7	0.00115	0.00107	0.0000057	0.00564	0.001	0.0153	0.0156	0.00000549	14.9	0.0000157	0.000228	0.000199	0.000943	0.042	0.00000674	1.59	2.34	0.0277	0.000285	14.4	0.00193	0.0307	0.0002	0.000173	0.0000806	0.102	0.0000024	0.0000887	0.000439	0.00153	0.000168
2056 Jun	150	0.0589	0.0747	0.00255	30.9	0.0281	12.8	0.00108	0.00101	0.00000536	0.00538	0.00104	0.014	0.0177	0.00000518	16.3	0.0000153	0.000243	0.00024	0.000938	0.0476	0.00000659	1.59	2.51	0.0356	0.000266	13.4	0.00186	0.0313	0.000275	0.000171	0.0000834	0.107	0.0000021	0.0000849	0.000509	0.00147	0.000148
2056 Jul	158	0.0614	0.079	0.00269	32.4	0.0294	13.5	0.00113	0.00105	0.00000558	0.00556	0.00108	0.0147	0.0182	0.00000539	16.8	0.0000158	0.000251	0.000246	0.000976	0.0488	0.00000679	1.65	2.6	0.0363	0.000279	14.1	0.00194	0.0321	0.00028	0.000176	0.0000867	0.111	0.0000022	0.000089	0.00052	0.00152	0.000157
2056 Aug	160	0.0624	0.08	0.00273	32.9	0.0302	13.7	0.00115	0.00108	0.0000057	0.00569	0.0011	0.015	0.0186	0.00000551	17.2	0.000016	0.000256	0.00025	0.000997	0.0498	0.00000699	1.69	2.65	0.0369	0.000286	14.3	0.00197	0.033	0.000284	0.000179	0.0000883	0.113	0.0000022	0.0000907	0.000527	0.00155	0.000159
2056 Sep	163	0.0639	0.0815	0.00279	33.6	0.031	14	0.00118	0.0011	0.00000583	0.00583	0.00113	0.0153	0.019	0.00000564	17.6	0.0000164	0.000262	0.000255	0.00102	0.0509	0.00000716	1.72	2.7	0.0376	0.000293	14.6	0.00202	0.0338	0.000289	0.000182	0.0000902	0.115	0.0000023	0.0000927	0.000538	0.00159	0.000162
2056 Oct	161	0.0636	0.0801	0.00275	33.1	0.0308	13.8	0.00117	0.00109	0.00000576	0.00578	0.00112	0.0152	0.0188	0.00000557	17.4	0.0000162	0.000258	0.000252	0.00101	0.0504	0.00000711	1.7	2.67	0.037	0.000293	14.4	0.00199	0.0336	0.000284	0.000179	0.0000888	0.114	0.0000227	0.0000917	0.00053	0.00156	0.000159
2056 Nov	160	0.0638	0.0796	0.00273	33	0.0308	13.7	0.00116	0.00109	0.00000576	0.0058	0.00112	0.0151	0.0187	0.00000557	17.3	0.0000162	0.000258	0.000251	0.00101	0.0503	0.00000712	1.7	2.66	0.0368	0.000294	14.3	0.00198	0.0337	0.000282	0.000178	0.0000885	0.113	0.0000227	0.0000916	0.000527	0.00156	0.000158
2056 Dec	160	0.0639	0.0796	0.00273	32.9	0.0309	13.7	0.00116	0.00109	0.00000576	0.0058	0.00112	0.0151	0.0187	0.00000557	17.3	0.0000162	0.000258	0.000251	0.00101	0.0503	0.00000712	1.7	2.66	0.0368	0.000294	14.3	0.00198	0.0338	0.000282	0.000178	0.0000885	0.113	0.0000227	0.0000916	0.000527	0.00156	0.000158
2057 Jan	160	0.0639	0.0796	0.00273	33	0.0309	13.7	0.00116	0.00109	0.00000576	0.0058	0.00112	0.0151	0.0187	0.00000557	17.3	0.0000162	0.000258	0.000251	0.00101	0.0504	0.00000713	1.7	2.66	0.0369	0.000294	14.3	0.00198	0.0338	0.000282	0.000178	0.0000885	0.113	0.0000227	0.0000917	0.000528	0.00156	0.000158
2057 Feb	160	0.0639	0.0796	0.00273	33	0.0309	13.7	0.00116	0.00109	0.00000576	0.0058	0.00112	0.0151	0.0188	0.00000557	17.4	0.0000162	0.000258	0.000251	0.00101	0.0504	0.00000713	1.7	2.66	0.0369	0.000294	14.3	0.00198	0.0338	0.000282	0.000178	0.0000885	0.113	0.0000227	0.0000917	0.000528	0.00156	0.000158
2057 Mar	160	0.064	0.0797	0.00274	33	0.0309	13.8	0.00117	0.00109	0.00000576	0.00581	0.00112	0.0151	0.0188	0.00000557	17.4	0.0000162	0.000258	0.000252	0.00101	0.0504	0.00000713	1.7	2.67	0.0369	0.000295	14.3	0.00198	0.0338	0.000283	0.000178	0.0000886	0.114	0.0000227	0.0000917	0.000529	0.00156	0.000158
2057 Apr	161	0.0643	0.08	0.00275	33.1	0.031	13.8	0.00117	0.00109	0.00000579	0.00583	0.00112	0.0152	0.0189	0.0000056	17.4	0.0000162	0.000259	0.000253	0.00101	0.0506	0.00000716	1.7	2.68	0.0371	0.000296	14.4	0.00199	0.034	0.000284	0.000179	0.000089	0.114	0.0000228	0.0000921	0.000531	0.00157	0.000158
2057 May	163	0.0653	0.0811	0.00279	33.6	0.0315	14	0.00119	0.00111	0.00000588	0.00592	0.00114	0.0154	0.0192	0.00000568	17.7	0.0000165	0.000264	0.000257	0.00103	0.0516	0.00000728	1.73	2.72	0.0378	0.0003	14.6	0.00202	0.0346	0.00029	0.000182	0.0000904	0.116	0.0000232	0.0000935	0.000541	0.00159	0.000161
2057 Jun	147	0.0583	0.0733	0.00254	30.2	0.0287	12.7	0.00111	0.00104	0.00000549	0.00567	0.00107	0.0143	0.018	0.00000532	16.5	0.0000161	0.000251	0.000241	0.000951	0.0489	0.00000702	1.6	2.52	0.0357	0.00027	13.1	0.00186	0.0332	0.000274	0.000178	0.000084	0.107	0.0000217	0.0000869	0.000523	0.00154	0.000142
2057 Jul	152	0.0594	0.0773	0.00265	31.3	0.0295	13.2	0.00114	0.00106	0.00000561	0.00572	0.00108	0.0148	0.0178	0.00000543	16.5	0.0000162	0.000253	0.000238	0.000966	0.0484	0.00000703	1.63	2.54	0.035	0.000277	13.7	0.00192	0.033	0.000267	0.00018	0.0000853	0.108	0.0000221	0.0000898	0.000517	0.00156	0.00015
2057 Aug	162	0.0633	0.0823	0.00283	33.4	0.0314	14.1	0.00121	0.00113	0.00000598	0.0061	0.00115	0.0158	0.019	0.00000579	17.6	0.0000173	0.00027	0.000253	0.00103	0.0516	0.0000075	1.74	2.71	0.0373	0.000295	14.6	0.00204	0.0352	0.000284	0.000192	0.0000909	0.115	0.0000236	0.0000957	0.000551	0.00166	0.000159
2057 Sep	165	0.0646	0.0838	0.00288	34	0.032	14.3	0.00124	0.00115	0.00000609	0.00622	0.00117	0.0161	0.0193	0.0000059	17.9	0.0000176	0.000275	0.000258	0.00105	0.0525	0.00000764	1.77	2.76	0.038	0.000301	14.8	0.00208	0.0359	0.000289	0.000195	0.0000925	0.117	0.0000024	0.0000975	0.00056	0.0017	0.000162
2057 Oct	164	0.0647	0.0832	0.00286	33.8	0.0321	14.3	0.00123	0.00115	0.00000608	0.00622	0.00117	0.016	0.0193	0.0000588	17.9	0.0000176	0.000274	0.000257	0.00105	0.0524	0.00000764	1.76	2.75	0.0377	0.000302	14.7	0.00207	0.0359	0.000287	0.000194	0.0000921	0.117	0.0000024	0.0000972	0.000558	0.00169	0.000161
2057 Nov	164	0.065	0.0831	0.00286	33.8	0.0322	14.3	0.00124	0.00115	0.00000608	0.00624	0.00117	0.016	0.0193	0.0000589	17.9	0.0000176	0.000274	0.000257	0.00105	0.0525	0.00000767	1.77	2.75	0.0377	0.000304	14.7	0.00207	0.0361	0.000287	0.000194	0.0000921	0.117	0.0000024	0.0000974	0.000557	0.00169	0.000161
2057 Dec	164	0.0651	0.0831	0.00286	33.8	0.0322	14.3	0.00124	0.00115	0.00000609	0.00624	0.00117	0.016	0.0193	0.0000589	17.9	0.0000176	0.000274	0.000257	0.00105	0.0525	0.00000767	1.77	2.75	0.0377	0.000304	14.7	0.00207	0.0361	0.000287	0.000194	0.0000921	0.117	0.0000024	0.0000975	0.000557	0.00169	0.000161
2058 Jan	164	0.0651	0.0831	0.00286	33.8	0.0322	14.3	0.00124	0.00115	0.00000609	0.00624	0.00117	0.016	0.0194	0.0000059	17.9	0.0000176	0.000274	0.000257	0.00105	0.0525	0.00000767	1.77	2.75	0.0377	0.000304	14.7	0.00207	0.0362	0.000287	0.000194	0.0000921	0.117	0.0000024	0.0000975	0.000558	0.00169	0.000161
2058 Feb	164	0.0651	0.083	0.00286	33.8	0.0322	14.3	0.00124	0.00115	0.00000609	0.00624	0.00118	0.016	0.0194	0.0000059	17.9	0.0000176	0.000275	0.000257	0.00105	0.0526	0.00000768	1.77	2.75	0.0378	0.000304	14.7	0.00207	0.0362	0.000287	0.000194	0.0000921	0.117	0.0000024	0.0000975	0.000558	0.00169	0.000161
2058 Mar	164	0.0651	0.0831	0.00286	33.8	0.0322	14.3	0.00124	0.00115	0.00000609	0.00625	0.00118	0.016	0.0194	0.0000059	18	0.0000176	0.000275	0.000257	0.00105	0.0526	0.00000768	1.77	2.76	0.0378	0.000304	14.7	0.00207	0.0362	0.000287	0.000194	0.0000921	0.117	0.0000024	0.0000975	0.000558	0.00169	0.000161
2058 Apr	165	0.0653	0.0833	0.00287	33.9	0.0323	14.3	0.00124	0.00115	0.00000609	0.00626	0.00118	0.0161	0.0194	0.00000591	18	0.0000177	0.000275	0.000258	0.00105	0.0527	0.00000777	1.77	2.76	0.0379	0.000305	14.8	0.00208	0.0363	0.000288	0.000194	0.0000924	0.117	0.0000024	0.0000977	0.00056	0.0017	0.000161
2058 May	163	0.0661	0.0813	0.00281	33.6	0.032	14.1	0.00124	0.00116	0.00000609	0.00633	0.00122	0.0159	0.0206	0.00000592	18.9	0.000018	0.000286	0.000278	0.00107	0.056	0.00000786	1.8	2.87	0.0415	0.000303	14.6	0.00208	0.0375	0.000321	0.000198	0.0000949	0.121	0.0000024	0.0000975	0.000598	0.00172	0.000155
2058 Jun	150	0.0624	0.0766	0.00255	31.3	0.028	13.3	0.00111	0.00102	0.00000541	0.00552	0.00116	0.0142	0.0206	0.00000525	18.6	0.000016	0.00028	0.000291	0.000999	0.0553	0.0000069	1.71	2.84	0.0447	0.000274	13.5	0.00194	0.0337	0.000355	0.00018	0.0000924	0.119	0.0000214	0.0000914	0.000601	0.00151	0.000139
2058 Jul	160	0.0647	0.084	0.00275	33.2	0.0291	14.3	0.00114	0.00105	0.00000556	0.00552	0.00116	0.0151	0.0203	0.00000539	18.5	0.000016	0.000282	0.000285	0.00102	0.0539	0.0000068	1.76	2.87	0.0435	0.000288	14.4	0.00203	0.0328	0.000342	0.000182	0.0000944	0.12	0.0000022	0.0000963	0.000585	0.00152	0.000153
2058 Aug	166	0.0672	0.0872	0.00285	34.5	0.0303	14.9	0.00119	0.00109	0.00000578	0.00574	0.00121	0.0157	0.0211	0.0000056	19.2	0.0000166	0.000293	0.000296	0.00106	0.0561	0.00000708	1.83	2.99	0.0452	0.0003	15	0.00211	0.0341	0.000355	0.000189	0.0000981	0.125	0.0000229	0.0001	0.000608	0.00158	0.000159
2058 Sep	166	0.0676	0.0869	0.00285	34.4	0.0305	14.9	0.00119	0.00109	0.00000579	0.00577	0.00121	0.0157	0.0211	0.00000561	19.3	0.0000166	0.000294	0.000296	0.00106	0.0561	0.00000712	1.83	2.99	0.045	0.000302	14.9	0.0021	0.0344	0.000353	0.000188	0.000098	0.125	0.0000229	0.0001	0.000607	0.00158	0.000158
2058 Oct	165	0.0678	0.0861	0.00283	34.2	0.0305	14.8	0.00118	0.00109	0.00000578	0.00578	0.00121	0.0156	0.021	0.0000056	19.2	0.0000166	0.000292	0.000294	0.00106	0.056	0.00000713	1.82	2.97	0.0447	0.000304	14.8	0.00209	0.0345	0.00035	0.000187	0.0000974	0.124	0.0000229	0.0001	0.000602	0.00157	0.000156
2058 Nov	165	0.068	0.0862	0.00283	34.2	0.0306	14.8	0.00119	0.00109	0.00000579	0.0058	0.00121	0.0156	0.0211	0.00000561	19.3	0.0000166	0.000293	0.000295	0.00106	0.0561	0.00000715	1.82	2.98	0.0447	0.000305	14.8	0.00209	0.0346	0.000351	0.000187	0.0000975	0.125	0.0000229	0.0001	0.000603	0.00157	0.000157
2058 Dec	165	0.0681	0.0862	0.00283	34.2	0.0306	14.8	0.00119	0.00109	0.00000579	0.0058	0.00121	0.0156	0.0211	0.00000561	19.3	0.0000166	0.000293	0.000295	0.00106	0.0561	0.00000715	1.82	2.98	0.0447	0.000305	14.8	0.00209	0.0346	0.000351	0.000187	0.0000975	0.125	0.0000229	0.0001	0.000603	0.00158	0.000157
2059 Jan	165	0.0681	0.0851	0.00283	34.2	0.0306	14.8	0.00119	0.00109	0.00000579	0.0058	0.00121	0.0156	0.0211	0.00000561	19.3	0.0000166	0.000293	0.000295	0.00106	0.0561	0.00000715	1.82	2.98	0.0447	0.000305	14.8	0.00209	0.0346	0.000351	0.000187	0.0000975	0.125	0.0000229	0.0001	0.000603	0.00157	0.000157
2059 Feb	165	0.0681	0.0861	0.00283	34.2	0.0306	14.8	0.00119	0.00109	0.00000579	0.0058	0.00121	0.0156	0.0211	0.00000561	19.3	0.0000166	0.000293	0.000295	0.00106	0.0561	0.00000715	1.82	2.98	0.0448	0.000305	14.8	0.00209	0.0346	0.000351	0.000187	0.0000975	0.125	0.0000229	0.0001	0.000604	0.00158	0.000157
2059 Mar	165	0.0681	0.0861	0.00283	34.2	0.0306	14.8	0.00119	0.00109	0.00000579	0.0058	0.00121	0.0156	0.0211	0.00000561	19.3	0.0000166	0.000293	0.000295	0.00106	0.0561	0.00000715	1.82	2.98	0.0448	0.000305	14.8	0.00209	0.0346	0.000351	0.000187	0.0000975	0.125	0.0000229	0.0001	0.000604	0.00158	0.000157
2059 Apr	165	0.0683	0.0864	0.00284	34.3	0.0307	14.8	0.00119	0.0011	0.00000581	0.00582	0.00122	0.0157	0.0211	0.00000563	19.3	0.0000167	0.000294	0.000296	0.00107	0.0563	0.00000717	1.83	2.99	0.0449	0.000306	14.9	0.0021	0.0347	0.000352	0.000187	0.0000978	0.125	0.0000023	0.0001	0.000605	0.00158	0.000157
2059 May	166	0.0691	0.0863	0.00284	34.5	0.0309	14.9	0.0012	0.00111	0.00000586	0.0059	0.00124	0.0157	0.0217	0.00000568	19.8	0.000017	0.0003	0.000305	0.00108	0.0579	0.0000073	1.85	3.05	0.0465	0.000308	14.9	0.00212	0.0355	0.000366

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2062 Jun	151	0.067	0.084	0.00274	31.4	0.031	14.5	0.00117	0.00106	0.00000561	0.00587	0.0012	0.0159	0.0198	0.00000547	18.4	0.0000164	0.000298	0.000269	0.00102	0.053	0.00000728	1.75	2.84	0.0405	0.000325	13.6	0.00202	0.035	0.000308	0.000178	0.0000931	0.117	0.00000224	0.000105	0.000557	0.00154	0.000137
2062 Jul	152	0.0639	0.0876	0.00282	31.3	0.0307	14.8	0.00117	0.00105	0.00000556	0.00573	0.00115	0.0163	0.0181	0.00000542	17.1	0.0000161	0.000289	0.000242	0.000989	0.0484	0.00000702	1.7	2.69	0.036	0.00032	13.7	0.00202	0.0329	0.000267	0.000178	0.0000901	0.112	0.00000222	0.000107	0.000513	0.00152	0.000142
2062 Aug	153	0.0645	0.0876	0.00283	31.5	0.0314	14.8	0.00119	0.00107	0.00000564	0.00581	0.00116	0.0164	0.0184	0.00000549	17.3	0.0000162	0.000292	0.000243	0.001	0.049	0.00000718	1.72	2.71	0.0361	0.000326	13.8	0.00203	0.0336	0.000268	0.000179	0.0000909	0.113	0.00000225	0.000108	0.000514	0.00154	0.000142
2062 Sep	149	0.0644	0.0852	0.00277	30.8	0.0313	14.5	0.00117	0.00105	0.00000556	0.00578	0.00115	0.0162	0.0181	0.00000542	17	0.0000159	0.000287	0.000238	0.000988	0.0482	0.00000714	1.69	2.66	0.0351	0.000327	13.5	0.00199	0.0335	0.000259	0.000173	0.0000889	0.11	0.00000222	0.000106	0.0005	0.00151	0.000138
2062 Oct	149	0.0672	0.0891	0.00282	30.6	0.0315	15	0.00112	0.000986	0.00000524	0.00535	0.00106	0.0163	0.0157	0.0000051	15.3	0.0000142	0.000267	0.0002	0.000941	0.0409	0.00000637	1.6	2.46	0.0282	0.000351	13.4	0.00194	0.0299	0.000196	0.000149	0.0000826	0.102	0.00000209	0.000108	0.000402	0.00132	0.000142
2062 Nov	150	0.0677	0.0894	0.00283	30.7	0.0317	15.1	0.00112	0.000987	0.00000525	0.00536	0.00106	0.0163	0.0157	0.00000511	15.3	0.0000141	0.000268	0.000199	0.000943	0.0408	0.00000638	1.6	2.46	0.028	0.000354	13.5	0.00194	0.0299	0.000194	0.000148	0.0000826	0.102	0.0000021	0.000109	0.000399	0.00132	0.000142
2062 Dec	150	0.0678	0.0894	0.00283	30.7	0.0317	15.1	0.00112	0.000987	0.00000525	0.00537	0.00106	0.0163	0.0157	0.00000511	15.3	0.0000141	0.000268	0.000199	0.000943	0.0408	0.00000638	1.6	2.46	0.028	0.000354	13.5	0.00194	0.0299	0.000193	0.000148	0.0000826	0.102	0.0000021	0.000109	0.000399	0.00132	0.000142
2063 Jan	150	0.0678	0.0894	0.00283	30.7	0.0317	15.1	0.00112	0.000988	0.00000525	0.00537	0.00106	0.0163	0.0157	0.00000511	15.4	0.0000141	0.000268	0.0002	0.000943	0.0408	0.00000638	1.6	2.46	0.0281	0.000354	13.5	0.00194	0.0299	0.000194	0.000148	0.0000826	0.102	0.0000021	0.000109	0.000399	0.00132	0.000142
2063 Feb	150	0.0678	0.0894	0.00283	30.7	0.0317	15.1	0.00112	0.000988	0.00000525	0.00537	0.00106	0.0163	0.0157	0.00000511	15.4	0.0000141	0.000268	0.0002	0.000943	0.0408	0.00000638	1.6	2.46	0.0281	0.000354	13.5	0.00194	0.0299	0.000194	0.000148	0.0000827	0.102	0.0000021	0.000109	0.000399	0.00132	0.000142
2063 Mar	150	0.0679	0.0894	0.00283	30.7	0.0318	15.1	0.00112	0.000988	0.00000525	0.00537	0.00106	0.0163	0.0157	0.00000511	15.4	0.0000142	0.000268	0.0002	0.000944	0.0409	0.00000639	1.6	2.46	0.0281	0.000354	13.5	0.00194	0.03	0.000194	0.000148	0.0000827	0.102	0.0000021	0.000109	0.0004	0.00132	0.000142
2063 Apr	150	0.068	0.0896	0.00284	30.7	0.0318	15.1	0.00112	0.00099	0.00000526	0.00538	0.00106	0.0164	0.0158	0.00000512	15.4	0.0000142	0.000268	0.0002	0.000946	0.0409	0.0000064	1.61	2.47	0.0282	0.000355	13.5	0.00195	0.03	0.000194	0.000149	0.0000829	0.103	0.0000021	0.000109	0.000401	0.00133	0.000142
2063 May	151	0.0687	0.0897	0.00284	31	0.0319	15.2	0.00113	0.000998	0.0000053	0.00543	0.00109	0.0164	0.0164	0.00000516	15.9	0.0000144	0.000275	0.000211	0.000961	0.0427	0.00000649	1.64	2.54	0.0301	0.000355	13.6	0.00197	0.0306	0.000211	0.000152	0.0000848	0.105	0.00000212	0.00011	0.000421	0.00134	0.000142
2063 Jun	153	0.0616	0.0975	0.00293	30.7	0.0287	16	0.00108	0.000921	0.00000493	0.00477	0.00104	0.0165	0.0152	0.0000048	14.9	0.0000135	0.000281	0.000205	0.000902	0.0391	0.00000568	1.6	2.5	0.0303	0.000327	13.6	0.002	0.0257	0.000215	0.000156	0.0000857	0.103	0.00000198	0.000113	0.000415	0.00126	0.000143
2063 Jul	162	0.0627	0.106	0.00314	32.2	0.0295	17.2	0.00111	0.000934	0.00000502	0.00471	0.00104	0.0175	0.0146	0.00000488	14.7	0.0000134	0.000288	0.000196	0.000913	0.037	0.00000553	1.64	2.52	0.0288	0.000341	14.4	0.0021	0.0244	0.000197	0.000159	0.0000878	0.103	0.00000202	0.00012	0.000395	0.00126	0.000154
2063 Aug	170	0.0658	0.111	0.0033	33.7	0.0311	18.1	0.00116	0.000981	0.00000527	0.00495	0.00109	0.0184	0.0153	0.00000513	15.4	0.0000141	0.000302	0.000206	0.000959	0.0389	0.00000582	1.72	2.65	0.0302	0.000359	15.1	0.0022	0.0257	0.000207	0.000166	0.0000921	0.109	0.00000212	0.000126	0.000414	0.00132	0.000161
2063 Sep	170	0.0663	0.11	0.00329	33.7	0.0315	18	0.00117	0.00099	0.00000531	0.00502	0.0011	0.0184	0.0154	0.00000517	15.5	0.0000141	0.000303	0.000206	0.000964	0.0392	0.00000594	1.73	2.65	0.0301	0.000364	15	0.0022	0.0262	0.000205	0.000165	0.0000922	0.109	0.00000214	0.000126	0.000412	0.00133	0.00016
2063 Oct	166	0.0661	0.108	0.00322	33	0.0313	17.6	0.00115	0.000978	0.00000525	0.005	0.00109	0.0182	0.0153	0.00000511	15.3	0.0000139	0.000298	0.000203	0.000953	0.0388	0.00000592	1.7	2.61	0.0295	0.000362	14.7	0.00216	0.0263	0.000201	0.000162	0.0000905	0.107	0.00000211	0.000124	0.000405	0.00131	0.000156
2063 Nov	165	0.0664	0.107	0.00321	32.9	0.0314	17.5	0.00115	0.000978	0.00000524	0.00502	0.00109	0.0181	0.0153	0.00000511	15.3	0.0000139	0.000297	0.000202	0.000954	0.0389	0.00000595	1.7	2.6	0.0293	0.000363	14.7	0.00215	0.0265	0.0002	0.000161	0.0000902	0.107	0.00000211	0.000124	0.000404	0.00131	0.000155
2063 Dec	165	0.0665	0.107	0.00321	32.9	0.0315	17.5	0.00115	0.000979	0.00000525	0.00503	0.00109	0.0181	0.0153	0.00000511	15.4	0.0000139	0.000297	0.000202	0.000954	0.0389	0.00000595	1.7	2.61	0.0293	0.000364	14.7	0.00215	0.0265	0.0002	0.000161	0.0000902	0.107	0.00000211	0.000124	0.000404	0.00131	0.000155
2064 Jan	165	0.0665	0.107	0.00321	32.9	0.0315	17.5	0.00115	0.000979	0.00000525	0.00503	0.00109	0.0181	0.0153	0.00000511	15.4	0.0000139	0.000298	0.000203	0.000955	0.039	0.00000596	1.7	2.61	0.0294	0.000364	14.7	0.00215	0.0265	0.0002	0.000161	0.0000902	0.107	0.00000211	0.000124	0.000404	0.00131	0.000155
2064 Feb	165	0.0665	0.107	0.00321	32.9	0.0315	17.5	0.00115	0.000979	0.00000525	0.00503	0.00109	0.0181	0.0153	0.00000511	15.4	0.000014	0.000298	0.000203	0.000955	0.039	0.00000596	1.7	2.61	0.0294	0.000364	14.7	0.00215	0.0266	0.0002	0.000161	0.0000902	0.107	0.00000211	0.000124	0.000404	0.00131	0.000155
2064 Mar	166	0.0666	0.107	0.00321	32.9	0.0315	17.6	0.00115	0.000981	0.00000526	0.00504	0.00109	0.0181	0.0154	0.00000512	15.4	0.000014	0.000298	0.000203	0.000956	0.0391	0.00000597	1.7	2.61	0.0295	0.000365	14.7	0.00215	0.0266	0.0002	0.000161	0.0000903	0.107	0.00000211	0.000124	0.000405	0.00131	0.000155
2064 Apr	166	0.0668	0.108	0.00322	33	0.0316	17.6	0.00116	0.000983	0.00000527	0.00505	0.00109	0.0182	0.0154	0.00000513	15.4	0.000014	0.000299	0.000204	0.000959	0.0392	0.00000598	1.71	2.62	0.0295	0.000365	14.7	0.00216	0.0267	0.000201	0.000161	0.0000905	0.107	0.00000212	0.000125	0.000406	0.00131	0.000156
2064 May	164	0.0673	0.105	0.00316	32.9	0.0312	17.4	0.00116	0.000986	0.00000527	0.0051	0.00113	0.0179	0.0166	0.00000514	16.3	0.0000143	0.000308	0.000224	0.000976	0.0424	0.00000612	1.74	2.73	0.0332	0.000361	14.6	0.00216	0.0278	0.000234	0.000165	0.000093	0.111	0.00000212	0.000124	0.000445	0.00134	0.000151
2064 Jun	161	0.0659	0.107	0.0031	32.6	0.0292	17.7	0.00112	0.000935	0.00000501	0.00473	0.00116	0.0177	0.0176	0.00000489	17	0.0000138	0.000326	0.000249	0.000969	0.0447	0.00000574	1.76	2.87	0.0383	0.000348	14.4	0.00217	0.0263	0.000282	0.000165	0.0000968	0.116	0.00000202	0.000126	0.000485	0.00127	0.000146
2064 Jul	168	0.0683	0.112	0.00324	33.9	0.0305	18.5	0.00116	0.000972	0.00000521	0.00489	0.0012	0.0184	0.0181	0.00000508	17.6	0.0000142	0.000338	0.000256	0.00101	0.046	0.00000594	1.83	2.97	0.0394	0.000363	15	0.00226	0.0271	0.000289	0.000172	0.0001	0.12	0.0000021	0.000131	0.000498	0.00132	0.000153
2064 Aug	170	0.0693	0.113	0.00328	34.3	0.0312	18.7	0.00118	0.000991	0.00000531	0.005	0.00122	0.0187	0.0184	0.00000519	17.9	0.0000144	0.000343	0.00026	0.00102	0.0469	0.00000061	1.86	3.01	0.0399	0.00037	15.2	0.00229	0.0278	0.000292	0.000174	0.0001102	0.121	0.00000214	0.000133	0.000504	0.00134	0.000154
2064 Sep	165	0.0683	0.108	0.00318	33.3	0.0312	18.1	0.00117	0.000981	0.00000525	0.00498	0.0012	0.0184	0.0181	0.00000513	17.6	0.0000141	0.000335	0.000253	0.00101	0.0461	0.00000615	1.82	2.94	0.0386	0.00037	14.7	0.00223	0.028	0.000281	0.000167	0.0000994	0.119	0.00000212	0.00013	0.000487	0.00132	0.000148
2064 Oct	165	0.0688	0.109	0.00319	33.4	0.0314	18.1	0.00117	0.000986	0.00000527	0.00502	0.00121	0.0184	0.0182	0.00000515	17.7	0.0000141	0.000336	0.000253	0.00101	0.0463	0.00000619	1.82	2.95	0.0386	0.000372	14.8	0.00224	0.0283	0.000281	0.000168	0.0000996	0.119	0.00000213	0.00013	0.000488	0.00133	0.000148
2064 Nov	166	0.0691	0.109	0.0032	33.5	0.0316	18.2	0.00118	0.000989	0.00000529	0.00504	0.00121	0.0185	0.0183	0.00000517	17.7	0.0000142	0.000337	0.000254	0.00101	0.0465	0.00000621	1.83	2.96	0.0387	0.000374	14.8	0.00224	0.0284	0.000282	0.000168	0.0000999	0.119	0.00000213	0.000131	0.000489	0.00133	0.000149
2064 Dec	166	0.0691	0.109	0.0032	33.5	0.0316	18.2	0.00118	0.00099	0.00000529	0.00504	0.00121	0.0185	0.0183	0.00000517	17.7	0.0000142	0.000338	0.000254	0.00102	0.0465	0.00000622	1.83	2.96	0.0387	0.000374	14.8	0.00224	0.0284	0.000282	0.000168	0.0001	0.119	0.00000213	0.000131	0.000489	0.00133	0.000149
2065 Jan	166	0.0691	0.109	0.0032	33.5	0.0316	18.2	0.00118	0.00099	0.00000529	0.00504	0.00121	0.0185	0.0183	0.00000517	17.7	0.0000142	0.000338	0.000254	0.00102	0.0465	0.00000622	1.83	2.96	0.0388	0.000374	14.8	0.00224	0.0284	0.000282	0.000168	0.0001	0.119	0.00000213	0.000131	0.000489	0.00133	0.000149
2065 Feb	166	0.0692	0.109	0.0032	33.5	0.0316	18.2	0.00118	0.00099	0.00000529	0.00504	0.00121	0.0185	0.0183	0.00000517	17.7	0.0000142	0.000338	0.000255	0.00102	0.0466	0.00000622	1.83	2.96	0.0388	0.000374	14.8	0.00225	0.0284	0.000282	0.000168	0.0001	0.12	0.00000213	0.000131	0.00049	0.00133	0.000149
2065 Mar	166	0.0693	0.109	0.0032	33.5	0.0316	18.2	0.00118	0.000991	0.0000053	0.00505	0.00122	0.0185	0.0183	0.00000518	17.8	0.0000142	0.000338	0.000255	0.00102	0.0466	0.00000623	1.83	2.96	0.0388	0.000374	14.8	0.00225	0.0285	0.000283	0.000168	0.0001	0.12	0.00000214	0.000131	0.00049	0.00133	0.000149
2065 Apr	166	0.0695	0.109	0.00322	33.7	0.0318	18.3	0.00118	0.000995	0.00000532	0.00507	0.00122	0.0186	0.0184	0.0000052	17.8	0.0000143	0.00034	0.000256	0.00102	0.0468	0.00000625	1.84	2.98	0.039	0.000376	14.9	0.00226	0.0286	0.000284	0.000169	0.000101	0.12	0.00000215	0.000132	0.000493	0.00134	0.00015
2065 May	167	0.0702	0.109	0.0032	33.8	0.0318	18.2	0.00119	0.00101	0.00000537	0.00515	0.00124	0.0186	0.0191	0.00000525	18.3	0.0000145	0.000345	0.000267	0.00104	0.0487	0.00000639	1.87	3.04	0.0408	0.000376	14.9	0.00227	0.0295	0.0003	0.000172	0.000102	0.123	0.00000216	0.000132	0.000514	0.00136	0.000148
2065 Jun	158	0.0653	0.105	0.00308	32	0.03	17.6	0.00115	0.000962	0.00000514	0.00497	0.0012	0.018	0.0181	0.00000503	17.4	0.0000143	0.000338	0.000254	0.00098	0.0465	0.00000617	1.79	2.91	0.0391	0.000355	14.1	0.00219	0.0282	0.000287	0.000171	0.0000983	0.117	0.00000208	0.000128	0.0005	0.00133	0.00014
2065 Jul	170	0.069	0.115	0.00334	34.2	0.032	19.1	0.00122	0.00102	0.00000544	0.0052	0.00126	0.0195	0.0186	0.00000532	18.1	0.000015	0.000358	0.000259	0.00104	0.0475	0.00000642	1.89	3.05	0.0399	0.00038	15.2	0.00234	0.0289	0.000289	0.000181	0.000104	0.123	0.0000022	0.000138	0.000512	0.0014	0.000152
2065 Aug	178	0.0722	0.12	0.00349	35.8	0.0335	19.9	0.00128	0.00107	0.0000057	0.00545	0.00132	0.0204	0.0194	0.00000558	18.9	0.0000157	0.000375	0.000271	0.00109	0.0497	0.00000673	1.98	3.19	0.0417	0.000399	15.9	0.00245	0.0304	0.000302	0.00019	0.000109	0.128	0.0000023	0.000145	0.000535	0.00147	0.000159
2065 Sep	170	0.0716	0.114	0.00334	34.3	0.0332	19	0.00124	0.00104	0.00000556	0.00542	0.00128	0.0197	0.0189	0.00000544	18.4	0.0000153	0.000362	0.000261	0.00106	0.0485	0.00000669	1.91	3.08	0.0398	0.000395	15.2	0.00236	0.0305	0.000287	0.00018	0.000104	0.124	0.00000225	0.00014	0.000513	0.00143	0.00015
2065 Oct	156	0.0713	0.103	0.00308	31.7	0.0326	17.6	0.00118	0.000992	0.00000528	0.00535	0.00121	0.0185	0.0178	0.00000518	17.3	0.0000145	0.000337	0.000238	0.00101	0.0456	0.00000655	1.78	2.86	0.0356	0.000394	14	0.00218	0.0305	0.000252	0.000161	0.0000958	0.115	0.00000213	0.000132	0.000463	0.00133	0.000136
2065 Nov	155	0.0717	0.103	0.00308	31.6	0.0328	17.6	0.00118	0.00099	0.00000527	0.00534	0.00121	0.0185	0.0176	0.00000516	17.2	0.0000145	0.000336	0.000235	0.00101	0.0451	0.00000652	1.78	2.85	0.0349	0.000397	13.9	0.00217	0.0304	0.000246	0.00016	0.0000952	0.114	0.00000213	0.000132	0.000455	0.00132	0.000136
2066 Jan	155	0.0718	0.103	0.00308	31.6	0.0328	17.6	0.00118	0.00099	0.00000527	0.00535	0.00121	0.0185	0.0176	0.00000516	17.2	0.0000145	0.000336	0.000235	0.00101	0.0452	0.00000653	1.78	2.85	0.035	0.000397	13.9	0.00217	0.0304	0.000246	0.00016	0.0000952	0.114	0.00000213	0.000132	0.000455	0.00132	0.000136
2066 Feb	155	0.0718	0.103	0.00308	31.6	0.0328	17.6	0.00118	0.000991	0.00000527	0.00535	0.00121	0.0185	0.0177	0.00000517	17.3	0.0000145	0.000336	0.000235	0.00101	0.0452	0.00000653	1.78	2.85	0.035	0.000397	14	0.00217	0.0304	0.000246	0.00016	0.0000953	0.115	0.00000213	0.000132	0.000455	0.00132	0.000136
2066 Mar	156	0.072	0.104	0.00309	31.7	0.0329	17.6	0.00118	0.000993	0.00000528	0.00536	0.00121	0.0186	0.0177	0.00000518	17.3	0.0000145	0.000337	0.000236	0.00101	0.0453	0.00000655	1.78	2.86	0.0351	0.000398	14	0.00218	0.0305	0.000246	0.00016	0.0000955	0.115	0.00000214	0.000133	0.000456	0.00133	0.000137
2066 Apr	156	0.0722	0.104	0.00309	31.8	0.033	17.7	0.00118	0.000995	0.0000053	0.00538	0.00121	0.0186	0.0178	0.00000519	17.3	0.0000145	0.000337	0.000237	0.00101	0.0455	0.00000657	1.79	2.86	0.0352	0.000399	14	0.00218	0.0306	0.000247	0.00016	0.0000957	0.115	0.00000214	0.000133	0.000458	0.00133	0.000137
2066 May	158	0.073	0.105	0.00312	32.1	0.0333	17.8	0.0012	0.00101	0.00000535	0.00544	0.00123	0.0188	0.018	0.00000525	17.6	0.0000147	0.000341	0.00024	0.00102	0.0461	0.00000665	1.81	2.9	0.0357	0.000403	14.2	0.00221	0.031	0.000251	0.000162	0.0000969	0.117	0.00000216	0.000134	0.000464	0.00135	0.000138
2066 Jun	153	0.0635	0.107	0.00314	30.4	0.0309	17.9	0.00116	0.000956	0.0000051	0.0051	0.00114	0.0189	0.0154	0.00000501	15.5	0.0000145	0.000334	0.000204	0.000942	0.0398	0.0000062	1.71	2.67	0.0306	0.000374	13.6	0.00217	0.0274	0.000206	0.000168	0.0000921	0.107	0.00000207	0.000135	0.000421	0.00133	0.000136
2066 Jul	167	0.0672	0.119	0.00346	33	0.0331	19.8	0.00125	0.00101	0.00000541	0.00532	0.00121	0.0207	0.0157	0.00000533	16.1	0.0000152	0.000359	0.000208	0.000998	0.0403	0.00000644	1.83	2.82	0.031	0.000404	14.9	0.00236	0.0279	0.000204	0.000178	0.0000987	0.113	0.00000225	0.000141	0.000429	0.0014	0.00015
2066 Aug	174	0.0703	0.124	0.00361	34.5	0.0347	20.7	0.0013	0.00106	0.00000568	0.00557	0.00127	0.0217	0.0165	0.00000558	16.9	0.0000159	0.000376	0.000217	0.00105	0.0422	0.00000675	1.91	2.95	0.0324	0.000423	15.5	0.00246	0.0293	0.000213	0.000188	0.000103	0.118	0.00000231	0.000155	0.000449	0.00146	0.000157
2066 Sep	174	0.071	0.123	0.0036	34.3	0.035	20.5	0.00131	0.00107	0.0000057	0.00563	0.00127	0.0217	0.0166	0.0000056	16.9	0.0000159	0.000375	0.000217	0.00105	0.0425	0.00000683	1.91	2.95	0.0323	0.000427	15.5	0.00246	0.0297	0.000211	0.000187	0.000103	0.118	0.00000232	0.000154	0.000447	0.00147	0.000155
2066 Oct	168	0.0708	0.119	0.00348	33.3	0.0346	19.9	0.00128	0.00105	0.0000056	0.0056	0.00125	0.0211	0.0163	0.0000055	16.7	0.0000157	0.000366	0.000212	0.00103	0.0419	0.00000679	1.86	2.88	0.0313	0.000423	15	0.00239	0.0299	0.000204	0.000181	0.0000999	0.115	0.00000227	0.000151	0.000435	0.00144	0.00015
2066 Nov	167	0.071	0.118	0.00346	33.1	0.0346	19.7	0.00127	0.00104	0.00000558	0.00561	0.00124	0.021	0.0163	0.00000548	16.6	0.0000156	0.000364	0.000211	0.00103	0.0418	0.0000068	1.85	2.87	0.031	0.000424	14.9	0.00237	0.03	0.000202	0.000179	0.0000992	0.114	0.00000227	0.00015	0.000432	0.00143	0.000148
2066 Dec	167	0.0711	0.118	0.00346	33.1	0.0347	19.7	0.00127	0.00105	0.00000558	0.00562	0.00124	0.021	0.0163	0.00000548	16.6	0.0000156	0.000364	0.000211	0.00103	0.0419	0.00000681	1.85	2.87	0.031	0.000424	14.9	0.00237	0.0301	0.000202	0.000179	0.0000992	0.114	0.00000227	0.00015	0.000432	0.00143	0.000148
2067 Jan	167	0.0711	0.118	0.00346	33.1

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2069 Dec	144	0.0698	0.104	0.0031	29.3	0.0343	18.2	0.00125	0.00103	0.00000545	0.00592	0.0013	0.0203	0.0175	0.00000539	17.3	0.0000162	0.00038	0.000224	0.00102	0.046	0.0000074	1.81	2.89	0.0335	0.000424	13.1	0.00224	0.0339	0.000225	0.000177	0.0000972	0.114	0.00000222	0.000148	0.000465	0.00146	0.000119
2070 Jan	144	0.0699	0.104	0.0031	29.3	0.0343	18.2	0.00125	0.00103	0.00000545	0.00592	0.0013	0.0203	0.0175	0.00000539	17.3	0.0000162	0.00038	0.000224	0.00102	0.0461	0.0000074	1.82	2.89	0.0335	0.000425	13.1	0.00224	0.0339	0.000225	0.000177	0.0000972	0.114	0.00000222	0.000148	0.000465	0.00146	0.000119
2070 Feb	144	0.0699	0.104	0.0031	29.3	0.0343	18.2	0.00125	0.00103	0.00000545	0.00592	0.0013	0.0203	0.0175	0.00000539	17.3	0.0000162	0.00038	0.000224	0.00102	0.0461	0.0000074	1.82	2.9	0.0336	0.000425	13.1	0.00224	0.0339	0.000225	0.000177	0.0000973	0.114	0.00000222	0.000148	0.000466	0.00146	0.000119
2070 Mar	145	0.07	0.104	0.0031	29.4	0.0344	18.2	0.00125	0.00103	0.00000545	0.00592	0.0013	0.0203	0.0175	0.00000539	17.3	0.0000162	0.00038	0.000224	0.00103	0.0461	0.0000074	1.82	2.9	0.0336	0.000425	13.1	0.00225	0.0339	0.000226	0.000177	0.0000973	0.114	0.00000222	0.000148	0.000466	0.00146	0.000119
2070 Apr	145	0.0702	0.104	0.00311	29.5	0.0345	18.3	0.00126	0.00104	0.00000547	0.00595	0.0013	0.0204	0.0176	0.00000542	17.4	0.0000163	0.000382	0.000225	0.00103	0.0463	0.0000743	1.83	2.91	0.0338	0.000427	13.1	0.00226	0.0341	0.000227	0.000178	0.0000977	0.114	0.00000223	0.000149	0.000468	0.00146	0.00012
2070 May	146	0.0711	0.105	0.00312	29.8	0.0346	18.4	0.00127	0.00105	0.00000552	0.006	0.00133	0.0205	0.0183	0.00000547	18	0.0000165	0.00039	0.000237	0.00105	0.0482	0.0000753	1.86	2.99	0.0358	0.000428	13.2	0.00228	0.0347	0.000245	0.000181	0.0001	0.117	0.00000225	0.00015	0.000491	0.00148	0.00012
2070 Jun	151	0.0701	0.11	0.00318	30.4	0.033	19.3	0.00124	0.001	0.00000533	0.00561	0.00135	0.0206	0.019	0.00000527	18.6	0.000016	0.000408	0.000259	0.00105	0.0496	0.0000071	1.9	3.14	0.0404	0.00042	13.5	0.00235	0.0325	0.000285	0.000184	0.000105	0.122	0.00000218	0.000154	0.000524	0.00143	0.000121
2070 Jul	158	0.073	0.115	0.00333	31.8	0.0345	20.2	0.0013	0.00105	0.00000557	0.00585	0.00141	0.0216	0.0198	0.00000551	19.3	0.0000167	0.000426	0.000269	0.00109	0.0516	0.0000741	1.99	3.27	0.0419	0.000439	14.1	0.00246	0.0339	0.000296	0.000193	0.00011	0.127	0.00000228	0.000161	0.000545	0.00149	0.000127
2070 Aug	162	0.075	0.118	0.00343	32.7	0.0356	20.7	0.00134	0.00108	0.00000574	0.00604	0.00145	0.0222	0.0204	0.00000569	19.9	0.0000172	0.000438	0.000277	0.00113	0.0532	0.0000768	2.05	3.37	0.0431	0.000452	14.5	0.00253	0.0351	0.000304	0.000198	0.000113	0.131	0.00000235	0.000166	0.00056	0.00154	0.00013
2070 Sep	157	0.0752	0.113	0.00331	31.7	0.0355	20	0.00131	0.00107	0.00000566	0.00604	0.00143	0.0217	0.02	0.0000056	19.6	0.0000169	0.000426	0.000269	0.00111	0.0524	0.0000766	2	3.28	0.0416	0.000451	14	0.00246	0.0354	0.000292	0.000191	0.000109	0.128	0.00000231	0.000162	0.000542	0.00151	0.000125
2070 Oct	151	0.0749	0.108	0.00318	30.5	0.0351	19.2	0.00128	0.00105	0.00000553	0.006	0.00139	0.021	0.0196	0.00000548	19.1	0.0000165	0.000411	0.00026	0.00108	0.0513	0.0000759	1.93	3.18	0.0398	0.000446	13.5	0.00237	0.0354	0.000278	0.000182	0.000105	0.124	0.00000226	0.000156	0.000522	0.00147	0.000118
2070 Nov	150	0.0752	0.107	0.00317	30.4	0.0352	19.1	0.00128	0.00105	0.00000553	0.00602	0.00139	0.0209	0.0196	0.00000548	19.1	0.0000165	0.00041	0.000259	0.00108	0.0512	0.0000761	1.93	3.17	0.0396	0.000448	13.4	0.00236	0.0355	0.000276	0.000181	0.000105	0.123	0.00000226	0.000156	0.000519	0.00146	0.000118
2070 Dec	150	0.0752	0.107	0.00316	30.4	0.0352	19.1	0.00128	0.00105	0.00000553	0.00603	0.00139	0.0209	0.0196	0.00000548	19.1	0.0000165	0.00041	0.000259	0.00108	0.0512	0.0000761	1.93	3.17	0.0396	0.000448	13.4	0.00236	0.0356	0.000276	0.000181	0.000105	0.123	0.00000226	0.000156	0.000519	0.00146	0.000118
2071 Jan	150	0.0752	0.107	0.00316	30.4	0.0352	19.1	0.00128	0.00105	0.00000553	0.00603	0.00139	0.0209	0.0196	0.00000548	19.1	0.0000165	0.00041	0.000259	0.00108	0.0513	0.0000761	1.93	3.17	0.0396	0.000448	13.4	0.00236	0.0356	0.000276	0.000181	0.000105	0.123	0.00000226	0.000156	0.000519	0.00146	0.000118
2071 Feb	150	0.0753	0.107	0.00316	30.4	0.0352	19.1	0.00128	0.00105	0.00000553	0.00603	0.00139	0.0209	0.0196	0.00000548	19.1	0.0000165	0.00041	0.000259	0.00108	0.0513	0.0000761	1.93	3.17	0.0396	0.000448	13.4	0.00236	0.0356	0.000276	0.000181	0.000105	0.124	0.00000226	0.000156	0.000519	0.00146	0.000117
2071 Mar	150	0.0753	0.107	0.00316	30.4	0.0352	19.1	0.00128	0.00105	0.00000553	0.00603	0.00139	0.0209	0.0196	0.00000548	19.1	0.0000165	0.00041	0.000259	0.00108	0.0513	0.0000761	1.93	3.17	0.0397	0.000448	13.4	0.00236	0.0356	0.000276	0.000181	0.000105	0.124	0.00000226	0.000156	0.000519	0.00146	0.000117
2071 Apr	150	0.0754	0.107	0.00317	30.5	0.0353	19.1	0.00128	0.00105	0.00000554	0.00604	0.00139	0.0209	0.0196	0.00000549	19.1	0.0000166	0.00041	0.00026	0.00109	0.0514	0.0000763	1.93	3.18	0.0398	0.000449	13.4	0.00236	0.0357	0.000277	0.000181	0.000105	0.124	0.00000226	0.000156	0.000521	0.00147	0.000118
2071 May	150	0.0753	0.107	0.00315	30.4	0.035	19	0.00128	0.00105	0.00000553	0.00603	0.0014	0.0208	0.02	0.00000548	19.4	0.0000166	0.000413	0.000267	0.00109	0.0524	0.0000764	1.94	3.21	0.0411	0.000445	13.4	0.00236	0.0359	0.000289	0.000182	0.000106	0.125	0.00000226	0.000156	0.000534	0.00147	0.000116
2071 Jun	152	0.0702	0.113	0.00323	30.3	0.0329	19.9	0.00124	0.000984	0.00000523	0.00548	0.00135	0.0212	0.0186	0.00000518	18.4	0.0000157	0.000419	0.000255	0.00104	0.0483	0.0000695	1.91	3.16	0.0399	0.000431	13.5	0.00239	0.0316	0.000279	0.000183	0.000106	0.122	0.00000214	0.00016	0.000512	0.00139	0.00012
2071 Jul	160	0.0719	0.121	0.00343	31.6	0.0341	21.1	0.00128	0.00101	0.00000539	0.00558	0.00139	0.0224	0.0186	0.00000534	18.6	0.0000161	0.000436	0.000254	0.00107	0.048	0.0000704	1.98	3.24	0.0398	0.00045	14.1	0.00251	0.0315	0.000273	0.00019	0.00011	0.125	0.00000221	0.000169	0.000511	0.00142	0.000127
2071 Aug	166	0.0746	0.125	0.00356	32.8	0.0355	21.9	0.00133	0.00105	0.0000056	0.0058	0.00144	0.0232	0.0193	0.00000555	19.3	0.0000167	0.000452	0.000264	0.00111	0.0499	0.0000733	2.05	3.36	0.0413	0.000468	14.7	0.00261	0.0328	0.000283	0.000197	0.000114	0.13	0.0000023	0.000175	0.00053	0.00148	0.000132
2071 Sep	161	0.0738	0.121	0.00345	31.9	0.0352	21.2	0.00131	0.00104	0.00000551	0.00575	0.00142	0.0226	0.019	0.00000546	19	0.0000163	0.00044	0.000257	0.00109	0.0491	0.0000729	2	3.28	0.04	0.000463	14.2	0.00253	0.0327	0.000273	0.00019	0.000111	0.127	0.00000226	0.00017	0.000514	0.00145	0.000127
2071 Oct	158	0.0735	0.118	0.00338	31.2	0.0349	20.8	0.00129	0.00102	0.00000543	0.00572	0.00139	0.0222	0.0187	0.00000539	18.7	0.0000161	0.000432	0.000252	0.00107	0.0484	0.0000724	1.97	3.22	0.0391	0.000459	13.9	0.00248	0.0327	0.000266	0.000186	0.000108	0.124	0.00000223	0.000167	0.000504	0.00143	0.000124
2071 Nov	156	0.0736	0.116	0.00335	31	0.0349	20.6	0.00128	0.00102	0.00000542	0.00573	0.00139	0.0221	0.0187	0.00000537	18.6	0.000016	0.000429	0.000251	0.00107	0.0483	0.0000724	1.95	3.2	0.0387	0.000459	13.8	0.00246	0.0328	0.000264	0.000184	0.000108	0.124	0.00000222	0.000166	0.0005	0.00142	0.000123
2071 Dec	156	0.0737	0.116	0.00335	31	0.035	20.6	0.00128	0.00102	0.00000542	0.00574	0.00139	0.0221	0.0187	0.00000537	18.6	0.0000161	0.000428	0.00025	0.00107	0.0483	0.0000725	1.95	3.2	0.0387	0.000459	13.8	0.00246	0.0329	0.000263	0.000184	0.000107	0.124	0.00000222	0.000166	0.0005	0.00142	0.000123
2072 Jan	156	0.0738	0.116	0.00335	31	0.035	20.6	0.00128	0.00102	0.00000542	0.00574	0.00139	0.0221	0.0187	0.00000538	18.6	0.0000161	0.000428	0.000251	0.00107	0.0484	0.0000725	1.95	3.2	0.0387	0.000459	13.8	0.00246	0.0329	0.000263	0.000184	0.000107	0.124	0.00000222	0.000166	0.0005	0.00142	0.000122
2072 Feb	156	0.0738	0.116	0.00335	31	0.035	20.6	0.00128	0.00102	0.00000542	0.00574	0.00139	0.0221	0.0187	0.00000538	18.7	0.0000161	0.000429	0.000251	0.00107	0.0484	0.0000726	1.95	3.2	0.0388	0.000459	13.8	0.00246	0.0329	0.000263	0.000184	0.000107	0.124	0.00000222	0.000166	0.0005	0.00142	0.000122
2072 Mar	156	0.0738	0.116	0.00335	31	0.035	20.6	0.00128	0.00102	0.00000542	0.00574	0.00139	0.0221	0.0187	0.00000538	18.7	0.0000161	0.000429	0.000251	0.00107	0.0484	0.0000726	1.95	3.2	0.0388	0.000459	13.8	0.00246	0.0329	0.000264	0.000184	0.000107	0.124	0.00000222	0.000166	0.000501	0.00142	0.000122
2072 Apr	157	0.074	0.117	0.00336	31.1	0.0351	20.6	0.00129	0.00102	0.00000544	0.00576	0.00139	0.0221	0.0188	0.00000539	18.7	0.0000161	0.00043	0.000252	0.00108	0.0486	0.0000728	1.96	3.21	0.0389	0.00046	13.8	0.00247	0.033	0.000265	0.000184	0.000108	0.124	0.00000223	0.000167	0.000503	0.00143	0.000123
2072 May	159	0.0752	0.118	0.00341	31.6	0.0356	21	0.00131	0.00104	0.00000552	0.00585	0.00142	0.0225	0.0191	0.00000548	19	0.0000164	0.000437	0.000256	0.00109	0.0494	0.0000074	1.99	3.26	0.0396	0.000468	14.1	0.00251	0.0336	0.000269	0.000187	0.000109	0.126	0.00000227	0.000169	0.000511	0.00145	0.000125
2072 Jun	149	0.0686	0.112	0.00326	29.6	0.0341	19.8	0.00128	0.00102	0.00000541	0.00583	0.00135	0.0218	0.0177	0.00000537	17.8	0.0000165	0.000419	0.000233	0.00104	0.0466	0.0000739	1.89	3.05	0.036	0.000438	13.2	0.0024	0.033	0.000241	0.00019	0.000104	0.118	0.00000222	0.000162	0.00049	0.00147	0.000118
2072 Jul	151	0.0684	0.114	0.00333	29.9	0.0348	20.2	0.00131	0.00104	0.00000553	0.00594	0.00137	0.0223	0.0177	0.00000549	17.8	0.0000169	0.000426	0.000231	0.00105	0.0467	0.0000756	1.92	3.08	0.0357	0.000444	13.4	0.00244	0.0335	0.000236	0.000195	0.000105	0.119	0.00000227	0.000166	0.00049	0.00151	0.00012
2072 Aug	148	0.0676	0.111	0.00327	29.4	0.0357	19.8	0.0013	0.00104	0.00000552	0.00588	0.00136	0.0222	0.0174	0.00000548	17.6	0.0000161	0.000419	0.000222	0.00104	0.0454	0.0000763	1.89	3.01	0.0339	0.000453	13.2	0.0024	0.0335	0.000219	0.000185	0.000103	0.117	0.00000226	0.000164	0.000459	0.00148	0.000117
2072 Sep	146	0.0674	0.111	0.00325	29	0.0359	19.7	0.00129	0.00103	0.00000545	0.00578	0.00135	0.0222	0.0169	0.00000542	17.3	0.0000155	0.000415	0.000213	0.00103	0.0439	0.0000753	1.87	2.96	0.0323	0.000458	13	0.00237	0.0328	0.000205	0.000179	0.000102	0.115	0.00000224	0.000163	0.000435	0.00144	0.000116
2072 Oct	148	0.0684	0.114	0.00331	29.2	0.0358	20.3	0.00127	0.000999	0.00000531	0.00557	0.00132	0.0226	0.016	0.00000528	16.7	0.0000149	0.000415	0.000201	0.00101	0.041	0.0000717	1.85	2.91	0.0302	0.000469	13.1	0.00239	0.031	0.000184	0.000172	0.000101	0.112	0.00000218	0.000167	0.000402	0.00137	0.000118
2072 Nov	148	0.0688	0.115	0.00332	29.2	0.0359	20.4	0.00127	0.000997	0.0000053	0.00556	0.00132	0.0226	0.0159	0.00000527	16.6	0.0000148	0.000416	0.000199	0.00101	0.0406	0.0000714	1.85	2.91	0.0299	0.000472	13.2	0.00239	0.0309	0.000181	0.000171	0.0001	0.112	0.00000218	0.000168	0.000397	0.00136	0.000119
2072 Dec	148	0.0689	0.115	0.00332	29.2	0.0359	20.4	0.00127	0.000997	0.0000053	0.00557	0.00132	0.0226	0.0159	0.00000527	16.6	0.0000148	0.000415	0.000199	0.00101	0.0407	0.0000715	1.85	2.91	0.0298	0.000472	13.2	0.00239	0.0309	0.000181	0.000171	0.0001	0.112	0.00000218	0.000168	0.000397	0.00136	0.000119
2073 Jan	148	0.0689	0.115	0.00332	29.2	0.0359	20.4	0.00127	0.000997	0.0000053	0.00557	0.00132	0.0226	0.016	0.00000527	16.6	0.0000148	0.000415	0.000199	0.00101	0.0407	0.0000715	1.85	2.91	0.0299	0.000472	13.2	0.00239	0.0309	0.000181	0.000171	0.0001	0.112	0.00000218	0.000168	0.000397	0.00136	0.000118
2073 Feb	148	0.0689	0.115	0.00332	29.2	0.0359	20.4	0.00127	0.000998	0.0000053	0.00557	0.00132	0.0226	0.016	0.00000527	16.6	0.0000148	0.000416	0.000199	0.00101	0.0407	0.0000715	1.85	2.91	0.0299	0.000472	13.2	0.00239	0.0309	0.000181	0.000171	0.0001	0.112	0.00000218	0.000168	0.000398	0.00136	0.000118
2073 Mar	148	0.069	0.115	0.00332	29.2	0.0359	20.4	0.00127	0.000998	0.0000053	0.00557	0.00132	0.0226	0.016	0.00000527	16.6	0.0000148	0.000416	0.0002	0.00101	0.0407	0.0000715	1.85	2.92	0.0299	0.000473	13.2	0.00239	0.0309	0.000181	0.000171	0.000101	0.112	0.00000218	0.000168	0.000398	0.00136	0.000118
2073 Apr	149	0.0694	0.116	0.00334	29.4	0.0362	20.6	0.00128	0.001	0.00000534	0.00561	0.00133	0.0228	0.0161	0.00000531	16.8	0.0000149	0.000419	0.000201	0.00102	0.041	0.0000072	1.86	2.94	0.0302	0.000476	13.3	0.00241	0.0311	0.000182	0.000172	0.000101	0.113	0.0000022	0.000169	0.000401	0.00137	0.000119
2073 May	150	0.0701	0.115	0.00332	29.7	0.0357	20.6	0.00128	0.00101	0.00000535	0.00563	0.00137	0.0227	0.0173	0.00000532	17.7	0.0000153	0.000431	0.000224	0.00104	0.0444	0.0000727	1.91	3.07	0.0343	0.000471	13.3	0.00244	0.0319	0.00022	0.000177	0.000105	0.118	0.00000222	0.000169	0.000445	0.00139	0.000118
2073 Jun	153	0.0691	0.12	0.00338	30.2	0.034	21.5	0.00127	0.000974	0.00000519	0.00533	0.0014	0.0229	0.0181	0.00000517	18.3	0.0000152	0.000453	0.000247	0.00104	0.0463	0.00000693	1.96	3.23	0.0391	0.000462	13.6	0.00251	0.0303	0.000263	0.000185	0.00011	0.123	0.00000214	0.000174	0.000488	0.00136	0.000119
2073 Jul	162	0.0714	0.128	0.00359	31.7	0.0354	22.9	0.00132	0.001	0.00000536	0.00545	0.00144	0.0242	0.0183	0.00000534	18.7	0.0000156	0.000474	0.00025	0.00108	0.0466	0.00000706	2.04	3.35	0.0395	0.000485	14.3	0.00264	0.0304	0.000262	0.000192	0.000114	0.127	0.00000222	0.000185	0.000492	0.00139	0.000126
2073 Aug	167	0.0735	0.132	0.00369	32.6	0.0366	23.5	0.00136	0.00104	0.00000554	0.00563	0.00149	0.025	0.0189	0.00000552	19.3	0.0000161	0.000488	0.000257	0.00111	0.0481	0.00000732	2.1	3.45	0.0407	0.0005	14.7	0.00272	0.0315	0.00027	0.000198	0.000118	0.131	0.00000229	0.00019	0.000507	0.00144	0.00013
2073 Sep	165	0.0735	0.13	0.00365	32.3	0.0366	23.2	0.00135	0.00103	0.00000552	0.00563	0.00148	0.0248	0.0188	0.0000055	19.2	0.000016	0.000483	0.000255	0.00111	0.0479	0.00000732	2.09	3.42	0.0402	0.000499	14.5	0.0027	0.0317	0.000266	0.000195	0.000117	0.13	0.00000228	0.000188	0.000502	0.00143	0.000128
2073 Oct	159	0.073	0.124	0.00351	31.1	0.036	22.3	0.00132	0.00101	0.00000539	0.00559	0.00144	0.0239	0.0184	0.00000537	18.7	0.0000156	0.000466	0.000247	0.00108	0.0469	0.00000724	2.02	3.31	0.0386	0.000491	14	0.0026	0.0317	0.000254	0.000187	0.000112	0.126	0.00000223	0.000182	0.000483	0.00139	0.000122
2073 Nov	157	0.0732	0.122	0.00347	30.8	0.036	22	0.00131	0.00101	0.00000537	0.00561	0.00143	0.0237	0.0183	0.00000535	18.7	0.0000156	0.000462	0.000244	0.00108	0.0467	0.0000725	2	3.28	0.0381	0.00049	13.8	0.00257	0.0319	0.000251	0.000184	0.000111	0.125	0.00000222	0.00018	0.000479	0.00139	0.00012
2073 Dec	157	0.0733	0.122	0.00347	30.8	0.0361	22	0.00131	0.00101	0.00000537	0.00561	0.00143	0.0237	0.0184	0.00000535	18.7	0.0000156	0.000462	0.000244	0.00108	0.0468	0.0000726	2	3.28	0.0381	0.00049	13.8	0.00257	0.0319	0.000251	0.000184	0.000111	0.125	0.00000222	0.00018	0.000479	0.00139	0.00012
2074 Jan	157	0.0733	0.122	0.00347	30.8	0.0361	22	0.00131	0.00101	0.00000537	0.00561	0.00143	0.0237	0.0184	0.00000535	18.7	0.0000156	0.000462	0.000245	0.00108	0.0468	0.0000726	2	3.28	0.0381	0.00049	13.8	0.00257	0.0319	0.000251	0.000184	0.000111	0.125	0.00000222	0.00018	0.000479	0.00139	0.00012
2074 Feb	157	0.0733	0.122	0.00347	30.8	0.0361	22	0.00131	0.00101	0.00000537	0.00561	0.00143	0.0237	0.0184	0.00000535	18.7	0.0000156	0.000462	0.000245	0.00108	0.0468	0.0000726	2	3.28	0.0382	0.00049	13.8	0.00257	0.0319	0.000251	0.000184	0.000111	0.125	0.00000222	0.00018	0.000479	0.00139	0.00012
2074 Mar	157	0.0734	0.122	0.00347	30.8	0.0361	22	0.00131	0.00101	0.00000538	0.00562	0.00144	0.0237	0.0184	0.00000536	18.7	0.0000156	0.000462	0.000245	0.00108	0.0469	0.0000726	2.01	3.28	0.0382	0.000491	13.8	0.00257	0.032	0.000251	0.000184	0.000111	0.125	0.00000222	0.00018	0.00048	0.00139	0.00012
2074 Apr	158	0.0738	0.123	0.00349	31	0.0363	22.2	0.00132	0.00102	0.00000541	0.00565	0.00144	0.0239	0.0185	0.00000539	18.8	0.0000157	0.000465	0.000247	0.00108	0.0471	0.0000731	2.02	3.3	0.0385	0.000493	13.9	0.00259	0.0322	0.000253	0.000185	0.000112	0.126	0.00000223	0.000181	0.000482	0.0014	0.000121
2074 May	157	0.0741	0.122	0.00345	31.2	0.0356	22.2	0.00132	0.00102	0.0000054	0.00565	0.00149	0.0237	0.0199	0.00000538	19.9	0.000016	0.000479	0.000273	0.00111	0.051	0.0000737	2.07	3.46	0.0434	0.000486	13.9	0.00261	0.0329	0.000298	0.000191	0.000116	0.131	0.00000223	0.000182	0.000534	0.00142	0.000119
2074 Jun	162	0.0713	0.131	0.00358	31.6	0.0336	23.7	0.00129	0.000951	0.0000051	0.00509	0.00149	0.0245	0.0195	0.00

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2077 Jun	153	0.0698	0.124	0.00348	30	0.0343	23.4	0.00135	0.00101	0.00000535	0.00575	0.00157	0.0252	0.0205	0.00000537	20.5	0.0000174	0.000536	0.000289	0.00111	0.0534	0.00000761	2.14	3.64	0.0474	0.000487	13.5	0.00274	0.0334	0.000328	0.000216	0.000123	0.136	0.00000223	0.000197	0.000594	0.0015	0.000109
2077 Jul	159	0.0726	0.13	0.00363	31.2	0.0358	24.4	0.00141	0.00105	0.0000056	0.00601	0.00164	0.0263	0.0213	0.00000561	21.3	0.0000182	0.000559	0.0003	0.00116	0.0556	0.00000797	2.23	3.79	0.0492	0.000508	14.1	0.00286	0.035	0.00034	0.000226	0.000128	0.141	0.00000233	0.000206	0.000619	0.00158	0.000114
2077 Aug	166	0.0758	0.135	0.00379	32.6	0.0375	25.5	0.00147	0.0011	0.00000585	0.00629	0.00171	0.0275	0.0223	0.00000587	22.3	0.000019	0.000583	0.000313	0.00121	0.0581	0.00000834	2.33	3.96	0.0513	0.000531	14.7	0.00299	0.0366	0.000355	0.000236	0.000133	0.148	0.00000243	0.000215	0.000646	0.00165	0.000119
2077 Sep	157	0.0742	0.127	0.00358	30.9	0.0366	24	0.00141	0.00107	0.00000565	0.00615	0.00164	0.0262	0.0214	0.00000567	21.4	0.0000182	0.000553	0.000297	0.00117	0.0559	0.00000816	2.22	3.77	0.0483	0.000516	13.9	0.00283	0.0361	0.000333	0.000222	0.000126	0.141	0.00000235	0.000204	0.00061	0.00158	0.000111
2077 Oct	154	0.0746	0.124	0.00351	30.4	0.0366	23.5	0.0014	0.00106	0.00000561	0.00617	0.00162	0.0258	0.0212	0.00000563	21.2	0.0000181	0.000543	0.000292	0.00116	0.0554	0.00000815	2.19	3.71	0.0474	0.000515	13.6	0.00278	0.0363	0.000325	0.000217	0.000124	0.139	0.00000233	0.0002	0.000599	0.00156	0.000109
2077 Nov	154	0.075	0.123	0.00351	30.4	0.0368	23.5	0.0014	0.00106	0.00000562	0.0062	0.00162	0.0257	0.0213	0.00000564	21.2	0.0000181	0.000543	0.000292	0.00116	0.0555	0.00000818	2.19	3.71	0.0473	0.000517	13.6	0.00278	0.0365	0.000324	0.000216	0.000124	0.139	0.00000233	0.0002	0.000598	0.00156	0.000108
2077 Dec	154	0.0751	0.123	0.00351	30.4	0.0368	23.5	0.0014	0.00106	0.00000562	0.0062	0.00162	0.0257	0.0213	0.00000564	21.2	0.0000181	0.000543	0.000292	0.00116	0.0555	0.00000819	2.19	3.71	0.0473	0.000517	13.6	0.00278	0.0366	0.000324	0.000216	0.000124	0.139	0.00000233	0.0002	0.000598	0.00156	0.000108
2078 Jan	154	0.0751	0.123	0.00351	30.4	0.0368	23.5	0.0014	0.00106	0.00000562	0.0062	0.00162	0.0257	0.0213	0.00000564	21.2	0.0000181	0.000543	0.000292	0.00116	0.0556	0.00000819	2.19	3.71	0.0473	0.000517	13.6	0.00278	0.0366	0.000324	0.000216	0.000124	0.139	0.00000233	0.0002	0.000598	0.00156	0.000108
2078 Feb	154	0.0751	0.123	0.00351	30.4	0.0368	23.5	0.0014	0.00106	0.00000562	0.0062	0.00162	0.0257	0.0213	0.00000564	21.2	0.0000181	0.000543	0.000293	0.00116	0.0556	0.00000819	2.19	3.71	0.0473	0.000517	13.6	0.00278	0.0366	0.000324	0.000216	0.000124	0.139	0.00000233	0.0002	0.000599	0.00156	0.000108
2078 Mar	154	0.0751	0.123	0.00351	30.4	0.0368	23.5	0.0014	0.00106	0.00000563	0.00621	0.00163	0.0257	0.0213	0.00000564	21.2	0.0000181	0.000543	0.000293	0.00116	0.0556	0.00000819	2.19	3.71	0.0473	0.000517	13.6	0.00278	0.0366	0.000324	0.000216	0.000124	0.139	0.00000234	0.0002	0.000599	0.00156	0.000108
2078 Apr	155	0.0756	0.124	0.00353	30.6	0.037	23.6	0.00141	0.00107	0.00000566	0.00625	0.00164	0.0259	0.0214	0.00000568	21.4	0.0000182	0.000546	0.000295	0.00117	0.056	0.00000825	2.21	3.74	0.0477	0.000521	13.7	0.0028	0.0369	0.000327	0.000217	0.000125	0.14	0.00000235	0.000202	0.000603	0.00158	0.000109
2078 May	153	0.0752	0.122	0.00346	30.5	0.036	23.4	0.00139	0.00106	0.00000558	0.00614	0.00166	0.0255	0.0225	0.0000056	22.1	0.0000182	0.000552	0.000315	0.00117	0.0587	0.00000818	2.23	3.83	0.0514	0.000509	13.6	0.00279	0.037	0.000363	0.000219	0.000127	0.143	0.00000232	0.0002	0.000639	0.00157	0.000106
2078 Jun	160	0.0728	0.133	0.00364	31	0.0349	25.3	0.00137	0.000988	0.00000528	0.00555	0.00163	0.0267	0.0211	0.00000531	21.3	0.000017	0.000573	0.000303	0.00114	0.054	0.00000742	2.24	3.85	0.0502	0.000519	14	0.00289	0.0323	0.000347	0.000217	0.000129	0.142	0.00000221	0.000212	0.000604	0.00145	0.000112
2078 Jul	169	0.0766	0.141	0.00385	32.7	0.0369	26.8	0.00144	0.00104	0.00000555	0.00583	0.00172	0.0283	0.0221	0.00000559	22.3	0.0000179	0.000605	0.000317	0.0012	0.0565	0.00000779	2.36	4.05	0.0525	0.000549	14.7	0.00306	0.0337	0.000362	0.000229	0.000136	0.15	0.00000232	0.000224	0.000632	0.00152	0.000119
2078 Aug	172	0.0783	0.143	0.00394	33.4	0.0379	27.4	0.00147	0.00107	0.0000057	0.00598	0.00176	0.0289	0.0226	0.00000573	22.8	0.0000183	0.000618	0.000324	0.00123	0.0579	0.00000801	2.41	4.14	0.0536	0.000562	15.1	0.00313	0.0347	0.000369	0.000234	0.000139	0.153	0.00000238	0.000229	0.000645	0.00156	0.000121
2078 Sep	173	0.0791	0.144	0.00396	33.6	0.0383	27.5	0.00149	0.00108	0.00000575	0.00605	0.00178	0.0291	0.0228	0.00000579	23	0.0000184	0.000622	0.000326	0.00124	0.0584	0.00000811	2.43	4.17	0.0539	0.000568	15.2	0.00315	0.0352	0.000371	0.000235	0.00014	0.154	0.00000241	0.00023	0.000649	0.00157	0.000122
2078 Oct	170	0.0788	0.141	0.00389	33.1	0.0381	27	0.00147	0.00107	0.00000569	0.00603	0.00175	0.0286	0.0225	0.00000573	22.7	0.0000182	0.000611	0.00032	0.00123	0.0577	0.00000806	2.39	4.1	0.0528	0.000563	14.9	0.00309	0.0352	0.000363	0.00023	0.000138	0.152	0.00000238	0.000226	0.000637	0.00155	0.000119
2078 Nov	169	0.0791	0.14	0.00386	32.9	0.0381	26.8	0.00146	0.00107	0.00000569	0.00604	0.00175	0.0285	0.0225	0.00000572	22.7	0.0000181	0.000607	0.000319	0.00122	0.0576	0.00000807	2.38	4.08	0.0525	0.000563	14.8	0.00307	0.0353	0.00036	0.000228	0.000137	0.151	0.00000238	0.000225	0.000633	0.00155	0.000118
2078 Dec	169	0.0791	0.14	0.00386	32.9	0.0381	26.8	0.00146	0.00107	0.00000569	0.00605	0.00175	0.0285	0.0225	0.00000572	22.7	0.0000181	0.000607	0.000319	0.00122	0.0576	0.00000808	2.38	4.08	0.0525	0.000563	14.8	0.00307	0.0354	0.00036	0.000228	0.000137	0.151	0.00000238	0.000225	0.000633	0.00155	0.000118
2079 Jan	169	0.0792	0.14	0.00386	32.9	0.0381	26.8	0.00146	0.00107	0.00000569	0.00605	0.00175	0.0284	0.0225	0.00000572	22.7	0.0000182	0.000607	0.000319	0.00122	0.0576	0.00000808	2.38	4.08	0.0525	0.000563	14.8	0.00307	0.0354	0.00036	0.000228	0.000137	0.151	0.00000238	0.000225	0.000633	0.00155	0.000118
2079 Feb	169	0.0792	0.14	0.00386	32.9	0.0381	26.8	0.00146	0.00107	0.00000569	0.00605	0.00175	0.0284	0.0225	0.00000572	22.7	0.0000182	0.000607	0.000319	0.00122	0.0577	0.00000808	2.38	4.08	0.0525	0.000563	14.8	0.00307	0.0354	0.00036	0.000228	0.000137	0.151	0.00000238	0.000225	0.000633	0.00155	0.000118
2079 Mar	169	0.0792	0.14	0.00386	32.9	0.0381	26.8	0.00146	0.00107	0.00000569	0.00605	0.00175	0.0285	0.0225	0.00000572	22.7	0.0000182	0.000608	0.000319	0.00122	0.0577	0.00000809	2.38	4.09	0.0526	0.000563	14.8	0.00307	0.0354	0.000361	0.000228	0.000137	0.151	0.00000238	0.000225	0.000634	0.00155	0.000118
2079 Apr	170	0.0795	0.14	0.00388	33	0.0383	26.9	0.00147	0.00107	0.00000571	0.00607	0.00175	0.0286	0.0226	0.00000575	22.8	0.0000182	0.00061	0.00032	0.00123	0.058	0.00000812	2.39	4.1	0.0528	0.000565	14.8	0.00308	0.0355	0.000362	0.000229	0.000137	0.152	0.00000239	0.000226	0.000636	0.00155	0.000119
2079 May	172	0.0807	0.142	0.00393	33.5	0.0389	27.3	0.00149	0.00109	0.0000058	0.00617	0.00178	0.029	0.023	0.00000583	23.2	0.0000185	0.000619	0.000326	0.00125	0.0589	0.00000825	2.43	4.17	0.0537	0.000574	15.1	0.00313	0.0361	0.000368	0.000233	0.00014	0.154	0.00000242	0.000229	0.000647	0.00158	0.00012
2079 Jun	152	0.0682	0.128	0.00357	29.4	0.035	24.5	0.00138	0.00101	0.00000537	0.00582	0.0016	0.0267	0.0197	0.00000541	20.1	0.0000178	0.000562	0.000275	0.00111	0.0515	0.00000778	2.17	3.66	0.0455	0.000508	13.3	0.00283	0.0333	0.000305	0.000224	0.000124	0.135	0.00000224	0.000209	0.000579	0.00153	0.000107
2079 Jul	157	0.0684	0.134	0.00373	30.1	0.0359	25.8	0.00141	0.00102	0.00000543	0.00581	0.00162	0.028	0.0191	0.00000547	19.9	0.0000178	0.00058	0.000265	0.00112	0.0496	0.00000774	2.21	3.69	0.0439	0.000527	13.7	0.00293	0.0324	0.000286	0.000228	0.000127	0.135	0.00000227	0.000219	0.00056	0.00153	0.000113
2079 Aug	163	0.0708	0.139	0.00387	31.1	0.0373	26.7	0.00147	0.00106	0.00000564	0.00604	0.00168	0.029	0.0198	0.00000568	20.6	0.0000185	0.000601	0.000275	0.00116	0.0515	0.00000807	2.29	3.83	0.0455	0.000547	14.2	0.00304	0.0338	0.000297	0.000236	0.000131	0.14	0.00000236	0.000227	0.00058	0.00159	0.000116
2079 Sep	159	0.0708	0.135	0.00376	30.4	0.0371	25.9	0.00144	0.00104	0.00000557	0.00602	0.00165	0.0283	0.0196	0.00000561	20.3	0.0000182	0.000585	0.000269	0.00114	0.0508	0.00000802	2.24	3.74	0.0442	0.000541	13.8	0.00296	0.0339	0.000287	0.000229	0.000128	0.137	0.00000233	0.000221	0.000565	0.00156	0.000113
2079 Oct	155	0.0706	0.131	0.00368	29.8	0.0368	25.3	0.00142	0.00103	0.00000549	0.00599	0.00162	0.0277	0.0193	0.00000553	20	0.0000179	0.000573	0.000263	0.00113	0.0502	0.00000796	2.19	3.67	0.0431	0.000536	13.5	0.00289	0.0339	0.00028	0.000223	0.000125	0.135	0.0000023	0.000217	0.000553	0.00154	0.00011
2079 Nov	153	0.0709	0.129	0.00363	29.5	0.0368	25	0.00141	0.00103	0.00000546	0.00599	0.00161	0.0274	0.0192	0.0000055	19.9	0.0000178	0.000566	0.00026	0.00112	0.0499	0.00000795	2.17	3.63	0.0425	0.000535	13.4	0.00286	0.034	0.000275	0.000219	0.000124	0.134	0.00000228	0.000214	0.000545	0.00153	0.000108
2079 Dec	152	0.0712	0.128	0.00361	29.3	0.0368	24.8	0.0014	0.00102	0.00000545	0.00599	0.0016	0.0273	0.0191	0.00000549	19.8	0.0000177	0.000563	0.000258	0.00112	0.0496	0.00000794	2.16	3.61	0.042	0.000536	13.3	0.00284	0.034	0.00027	0.000217	0.000123	0.133	0.00000228	0.000213	0.000539	0.00152	0.000107
2080 Jan	152	0.0713	0.128	0.00361	29.3	0.0368	24.8	0.0014	0.00102	0.00000545	0.00599	0.0016	0.0273	0.0191	0.00000549	19.8	0.0000177	0.000563	0.000258	0.00112	0.0496	0.00000794	2.16	3.61	0.042	0.000536	13.3	0.00284	0.034	0.00027	0.000217	0.000123	0.133	0.00000228	0.000213	0.000539	0.00151	0.000107
2080 Feb	152	0.0713	0.128	0.00361	29.3	0.0368	24.8	0.0014	0.00102	0.00000545	0.00599	0.0016	0.0273	0.0191	0.00000549	19.8	0.0000177	0.000563	0.000258	0.00112	0.0497	0.00000794	2.16	3.61	0.0421	0.000536	13.3	0.00284	0.0341	0.00027	0.000217	0.000123	0.133	0.00000228	0.000213	0.00054	0.00151	0.000107
2080 Mar	152	0.0714	0.128	0.00361	29.3	0.0368	24.8	0.0014	0.00102	0.00000545	0.006	0.0016	0.0273	0.0191	0.00000549	19.8	0.0000177	0.000563	0.000259	0.00112	0.0497	0.00000794	2.16	3.61	0.0421	0.000536	13.3	0.00284	0.0341	0.00027	0.000217	0.000123	0.133	0.00000228	0.000213	0.00054	0.00151	0.000107
2080 Apr	153	0.0716	0.128	0.00362	29.4	0.0369	24.9	0.00141	0.00103	0.00000546	0.00601	0.00161	0.0274	0.0192	0.0000055	19.9	0.0000177	0.000565	0.00026	0.00112	0.0499	0.00000796	2.17	3.62	0.0423	0.000538	13.3	0.00285	0.0342	0.00027	0.000217	0.000123	0.133	0.00000228	0.000214	0.000542	0.00152	0.000107
2080 May	155	0.0727	0.131	0.00368	29.9	0.0375	25.3	0.00143	0.00104	0.00000555	0.00611	0.00163	0.0278	0.0195	0.00000559	20.2	0.000018	0.000574	0.000264	0.00114	0.0507	0.00000809	2.21	3.68	0.043	0.000547	13.6	0.0029	0.0347	0.00027	0.000221	0.000125	0.136	0.00000232	0.000218	0.000551	0.00154	0.000109
2080 Jun	151	0.0675	0.129	0.00364	28.7	0.0364	25	0.0014	0.00102	0.00000541	0.00595	0.00157	0.0277	0.0178	0.00000545	18.8	0.0000178	0.000563	0.000238	0.00109	0.0465	0.00000786	2.13	3.5	0.039	0.000531	13.1	0.00285	0.0329	0.000241	0.000222	0.000121	0.128	0.00000226	0.000216	0.000515	0.00153	0.000107
2080 Jul	155	0.0668	0.135	0.00379	29.2	0.037	26.2	0.00143	0.00102	0.00000544	0.00591	0.00158	0.0288	0.0172	0.00000549	18.5	0.0000178	0.000579	0.000228	0.00109	0.0446	0.00000782	2.16	3.52	0.0375	0.000545	13.5	0.00294	0.0319	0.000224	0.000226	0.000123	0.128	0.00000228	0.000225	0.000498	0.00153	0.000112
2080 Aug	158	0.0679	0.137	0.00385	29.6	0.0379	26.5	0.00146	0.00104	0.00000557	0.00604	0.00162	0.0293	0.0176	0.00000562	18.9	0.0000181	0.000588	0.000232	0.00112	0.0457	0.00000804	2.2	3.59	0.0381	0.000555	13.7	0.00299	0.0329	0.000228	0.00023	0.000125	0.131	0.00000234	0.000228	0.000506	0.00157	0.000113
2080 Sep	155	0.0677	0.134	0.00379	29.2	0.0379	26.1	0.00145	0.00104	0.00000554	0.00603	0.0016	0.0289	0.0175	0.00000559	18.8	0.0000179	0.000579	0.000229	0.00111	0.0455	0.00000805	2.17	3.54	0.0374	0.000552	13.4	0.00294	0.033	0.000223	0.000225	0.000123	0.129	0.00000232	0.000224	0.000497	0.00155	0.000111
2080 Oct	153	0.0679	0.132	0.00373	28.8	0.0377	25.7	0.00143	0.00103	0.0000055	0.00603	0.00159	0.0285	0.0173	0.00000555	18.6	0.0000178	0.000571	0.000227	0.0011	0.0452	0.00000802	2.14	3.5	0.0369	0.000549	13.3	0.0029	0.0331	0.00022	0.000221	0.000121	0.128	0.00000223	0.000222	0.000491	0.00154	0.000109
2080 Nov	152	0.0679	0.131	0.0037	28.6	0.0376	25.4	0.00142	0.00103	0.00000547	0.006	0.00158	0.0283	0.0172	0.00000551	18.5	0.0000176	0.000566	0.000225	0.00109	0.0449	0.00000798	2.13	3.47	0.0364	0.000547	13.1	0.00288	0.033	0.000217	0.000219	0.00012	0.127	0.00000229	0.00022	0.000485	0.00152	0.000108
2080 Dec	152	0.068	0.131	0.0037	28.6	0.0376	25.4	0.00142	0.00103	0.00000546	0.00601	0.00158	0.0283	0.0172	0.00000551	18.5	0.0000176	0.000566	0.000224	0.00109	0.0449	0.00000798	2.13	3.47	0.0364	0.000548	13.1	0.00287	0.033	0.000216	0.000218	0.00012	0.127	0.00000229	0.00022	0.000484	0.00152	0.000108
2081 Jan	152	0.068	0.131	0.0037	28.6	0.0376	25.4	0.00142	0.00103	0.00000547	0.00601	0.00158	0.0283	0.0172	0.00000551	18.5	0.0000176	0.000566	0.000225	0.00109	0.0449	0.00000798	2.13	3.47	0.0364	0.000548	13.1	0.00287	0.0331	0.000216	0.000218	0.00012	0.127	0.00000229	0.00022	0.000484	0.00152	0.000108
2081 Feb	152	0.068	0.131	0.0037	28.6	0.0376	25.4	0.00142	0.00103	0.00000547	0.00601	0.00158	0.0283	0.0173	0.00000551	18.5	0.0000176	0.000566	0.000225	0.00109	0.0449	0.00000798	2.13	3.47	0.0365	0.000548	13.1	0.00287	0.0331	0.000216	0.000218	0.00012	0.127	0.00000229	0.00022	0.000485	0.00152	0.000108
2081 Mar	152	0.0681	0.131	0.0037	28.6	0.0377	25.4	0.00142	0.00103	0.00000547	0.00601	0.00158	0.0283	0.0173	0.00000552	18.5	0.0000176	0.000566	0.000225	0.00109	0.045	0.00000799	2.13	3.47	0.0365	0.000548	13.1	0.00288	0.0331	0.000217	0.000219	0.00012	0.127	0.00000229	0.00022	0.000485	0.00152	0.000108
2081 Apr	152	0.0683	0.131	0.00371	28.7	0.0378	25.5	0.00143	0.00103	0.00000549	0.00603	0.00158	0.0284	0.0173	0.00000554	18.6	0.0000177	0.000569	0.000226	0.0011	0.0452	0.00000802	2.14	3.49	0.0367	0.00055	13.2	0.00289	0.0332	0.000217	0.000219	0.000121	0.127	0.0000023	0.000221	0.000487	0.00153	0.000108
2081 May	152	0.0692	0.13	0.00367	29	0.0374	25.4	0.00143	0.00103	0.00000549	0.00605	0.00162	0.0282	0.0185	0.00000554	19.5	0.0000179	0.000577	0.000248	0.00112	0.0484	0.00000808	2.17	3.6	0.0405	0.000545	13.2	0.0029	0.034	0.000253	0.000222	0.000123	0.132	0.0000023	0.00022	0.000527	0.00154	0.000106
2081 Jun	157	0.0688	0.136	0.00378	29.5	0.0367	26.7	0.00142	0.000999	0.00000534	0.00574	0.00163	0.029	0.0185	0.0000054	19.6	0.0000174	0.000599	0.000254	0.00112	0.0477	0.00000771	2.22	3.7	0.0422	0.000553	13.5	0.00299	0.0318	0.000266	0.000225	0.000127	0.135	0.00000225	0.000228	0.000532	0.00149	0.00011
2081 Jul	167	0.0728	0.146	0.00404	31.4	0.039	28.5	0.00151	0.00106	0.00000562	0.00617	0.00173	0.0309	0.0195	0.00000572	20.7	0.0000184	0.000638	0.000267	0.00118	0.05	0.00000814	2.35	3.93	0.0444	0.000589	14.4	0.00319	0.0334	0.000278	0.000239	0.000135	0.143	0.00000239	0.000244	0.000559	0.00157	0.000117
2081 Aug	176	0.0768	0.154	0.00426	33.1	0.0411	30.1	0.00159	0.00111	0.00000596	0.00639	0.00183	0.0326	0.0205	0.00000603	21.8	0.0000194	0.000673	0.000282	0.00125	0.0528	0.00000859	2.48	4.14	0.0468	0.000622	15.2	0.00336	0.0352	0.000293	0.000252	0.000143	0.15	0.00000251	0.000257	0.00059	0.00166	0.000124
2081 Sep	175	0.0772	0.152	0.00423	32.9	0.0413	29.9	0.00159	0.00112	0.00000597	0.00642	0.00183	0.0325	0.0205	0.00000604	21.8	0.0000194	0.000669	0.000281	0.00125	0.0528	0.00000863	2.48	4.13	0.0466	0.000622	15.1	0.00334	0.0355	0.000291	0.00025	0.000142	0.15	0.00000251	0.000256	0.000587	0.00166	0.000123
2081 Oct	175	0.0773	0.151	0.00421	32.8	0.0412	29.7	0.00158	0.00111	0.00000596	0.00642	0.00182	0.0323	0.0205	0.00000602	21.8	0.0000194	0.000666	0.00028	0.00124	0.0527	0.00000863	2.46	4.11	0.0463	0.000622	15	0.00333	0.0356	0.000289	0.000248	0.000141	0.149	0.00000251	0.000255	0.000584	0.00165	0.000122
2081 Nov	171	0.0768	0.148	0.00411	32.1	0.0408	29	0.00155	0.0011	0.00000587	0.00637	0.00179	0.0317	0.0202	0.00000593	21.4	0.0000191	0.000651	0.000274	0.00122	0.052	0.00000853	2.42	4.03	0.0452	0.000613	14.7	0.00325	0.0354	0.000281	0.000242	0.000138	0.146	0.00000247	0.000249	0.000571	0.00162	0.000119
2081 Dec	170	0.0769	0.147	0.00409	32	0.0407	28.9	0.00155	0.0011	0.00000586	0.00

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2084 Dec	166	0.0753	0.147	0.00407	30.4	0.0399	30.5	0.00151	0.00101	0.00000542	0.00587	0.0018	0.0328	0.0195	0.00000551	21.1	0.0000178	0.000689	0.00027	0.00119	0.0494	0.00000802	2.42	4.1	0.0454	0.00064	14	0.00332	0.0326	0.000278	0.000234	0.00014	0.146	0.0000023	0.000264	0.000545	0.00147	0.00011
2085 Jan	165	0.0754	0.147	0.00406	30.4	0.0399	30.5	0.00151	0.00101	0.00000542	0.00587	0.0018	0.0328	0.0195	0.00000551	21.1	0.0000178	0.000689	0.00027	0.00119	0.0494	0.00000802	2.42	4.1	0.0454	0.00064	14	0.00332	0.0326	0.000278	0.000234	0.00014	0.146	0.0000023	0.000264	0.000545	0.00147	0.00011
2085 Feb	166	0.0754	0.147	0.00406	30.4	0.0399	30.5	0.00151	0.00101	0.00000542	0.00587	0.0018	0.0328	0.0195	0.00000551	21.1	0.0000178	0.000689	0.00027	0.00119	0.0494	0.00000803	2.42	4.1	0.0455	0.00064	14	0.00332	0.0326	0.000278	0.000234	0.00014	0.146	0.0000023	0.000264	0.000545	0.00147	0.00011
2085 Mar	166	0.0754	0.147	0.00407	30.4	0.0399	30.5	0.00151	0.00101	0.00000542	0.00587	0.0018	0.0328	0.0195	0.00000552	21.2	0.0000178	0.00069	0.00027	0.00119	0.0495	0.00000803	2.42	4.1	0.0455	0.00064	14	0.00332	0.0326	0.000278	0.000234	0.00014	0.146	0.0000023	0.000264	0.000546	0.00147	0.00011
2085 Apr	166	0.0757	0.148	0.00408	30.5	0.0401	30.6	0.00151	0.00101	0.00000544	0.00589	0.00181	0.0329	0.0196	0.00000554	21.2	0.0000179	0.000692	0.000271	0.0012	0.0497	0.00000806	2.43	4.12	0.0457	0.00064	14	0.00333	0.0328	0.000279	0.000235	0.000141	0.147	0.0000023	0.000265	0.000548	0.00148	0.00011
2085 May	165	0.0759	0.145	0.00401	30.5	0.0397	30.1	0.00151	0.00102	0.00000546	0.00594	0.00182	0.0324	0.0205	0.00000555	21.8	0.0000181	0.00069	0.000286	0.00121	0.0521	0.00000816	2.44	4.16	0.0481	0.000633	13.9	0.00331	0.0337	0.000303	0.000236	0.000142	0.149	0.0000023	0.000261	0.000575	0.0015	0.000107
2085 Jun	163	0.0751	0.144	0.00398	30.4	0.0389	30.2	0.0015	0.001	0.00000538	0.00582	0.00183	0.0323	0.0209	0.00000548	22.1	0.000018	0.000698	0.000296	0.00121	0.0531	0.00000804	2.45	4.22	0.0502	0.000626	13.9	0.00331	0.0332	0.000322	0.000238	0.000143	0.151	0.0000023	0.000261	0.000594	0.00148	0.000107
2085 Jul	170	0.0782	0.151	0.00415	31.7	0.0406	31.4	0.00156	0.00105	0.00000562	0.00608	0.00191	0.0337	0.0218	0.00000572	23	0.0000188	0.000727	0.000308	0.00126	0.0554	0.00000804	2.55	4.4	0.0523	0.000653	14.5	0.00345	0.0347	0.000336	0.000248	0.000149	0.157	0.0000023	0.000272	0.000619	0.00155	0.000111
2085 Aug	171	0.0787	0.151	0.00417	31.9	0.0411	31.6	0.00158	0.00106	0.00000568	0.00615	0.00193	0.0339	0.022	0.00000578	23.2	0.0000189	0.000731	0.00031	0.00127	0.0559	0.00000852	2.57	4.43	0.0525	0.000658	14.5	0.00347	0.0352	0.000337	0.000249	0.00015	0.158	0.0000024	0.000274	0.000622	0.00156	0.000111
2085 Sep	166	0.078	0.145	0.00403	30.9	0.0406	30.4	0.00154	0.00104	0.00000558	0.0061	0.00188	0.0329	0.0215	0.00000568	22.7	0.0000184	0.000707	0.000301	0.00124	0.0548	0.00000843	2.5	4.3	0.0507	0.000646	14.1	0.00336	0.0352	0.000324	0.00024	0.000145	0.154	0.0000236	0.000265	0.000601	0.00153	0.000107
2085 Oct	163	0.0776	0.144	0.00399	30.5	0.0404	30.2	0.00152	0.00102	0.00000549	0.00601	0.00185	0.0326	0.0209	0.00000559	22.2	0.000018	0.000698	0.000291	0.00122	0.0531	0.00000828	2.46	4.22	0.0489	0.000645	13.9	0.00332	0.0345	0.000309	0.000234	0.000143	0.151	0.0000023	0.000263	0.000579	0.00149	0.000106
2085 Nov	163	0.0778	0.144	0.004	30.3	0.0405	30.4	0.00151	0.00101	0.00000544	0.00596	0.00184	0.0328	0.0204	0.00000554	21.9	0.0000178	0.000698	0.000283	0.00122	0.0517	0.00000818	2.45	4.18	0.0475	0.000651	13.9	0.00332	0.0339	0.000296	0.000231	0.000142	0.149	0.0000023	0.000264	0.000561	0.00147	0.000106
2085 Dec	163	0.0779	0.144	0.004	30.3	0.0405	30.4	0.00151	0.00101	0.00000544	0.00596	0.00184	0.0328	0.0204	0.00000554	21.9	0.0000178	0.000698	0.000283	0.00122	0.0517	0.00000818	2.45	4.18	0.0475	0.000651	13.8	0.00332	0.0339	0.000295	0.000231	0.000142	0.149	0.0000023	0.000264	0.000561	0.00147	0.000106
2086 Jan	163	0.0779	0.144	0.004	30.3	0.0405	30.4	0.00151	0.00101	0.00000544	0.00596	0.00184	0.0328	0.0204	0.00000554	21.9	0.0000178	0.000698	0.000283	0.00122	0.0517	0.00000818	2.45	4.18	0.0475	0.000651	13.8	0.00332	0.0339	0.000295	0.000231	0.000142	0.149	0.0000023	0.000264	0.000561	0.00147	0.000106
2086 Feb	163	0.0779	0.144	0.004	30.3	0.0405	30.4	0.00151	0.00102	0.00000544	0.00596	0.00184	0.0328	0.0204	0.00000554	21.9	0.0000178	0.000698	0.000283	0.00122	0.0517	0.00000818	2.45	4.18	0.0475	0.000651	13.9	0.00332	0.0339	0.000295	0.000231	0.000142	0.149	0.0000023	0.000264	0.000561	0.00147	0.000106
2086 Mar	163	0.078	0.144	0.004	30.4	0.0405	30.4	0.00151	0.00102	0.00000544	0.00597	0.00184	0.0328	0.0205	0.00000554	21.9	0.0000178	0.000698	0.000283	0.00122	0.0518	0.00000818	2.45	4.19	0.0476	0.000652	13.9	0.00332	0.0339	0.000295	0.000231	0.000142	0.149	0.0000023	0.000265	0.000562	0.00147	0.000106
2086 Apr	164	0.0783	0.145	0.00402	30.5	0.0407	30.5	0.00152	0.00102	0.00000547	0.00599	0.00185	0.033	0.0206	0.00000557	22	0.0000179	0.000702	0.000285	0.00122	0.052	0.00000822	2.46	4.21	0.0478	0.000655	13.9	0.00333	0.0341	0.000297	0.000232	0.000143	0.15	0.0000023	0.000266	0.000564	0.00147	0.000107
2086 May	165	0.0794	0.146	0.00404	30.8	0.0411	30.7	0.00154	0.00103	0.00000554	0.00609	0.00188	0.0332	0.0211	0.00000564	22.4	0.0000182	0.000709	0.000293	0.00124	0.0535	0.00000836	2.49	4.27	0.0492	0.000659	14.1	0.00336	0.0348	0.000308	0.000235	0.000145	0.153	0.0000023	0.000268	0.000581	0.0015	0.000107
2086 Jun	162	0.0722	0.146	0.00402	29.6	0.0388	30.9	0.0015	0.000979	0.00000527	0.00571	0.00182	0.0333	0.0195	0.00000538	21.2	0.0000178	0.00071	0.000274	0.00118	0.0493	0.0000079	2.43	4.15	0.0468	0.000637	13.6	0.00335	0.0316	0.000288	0.000239	0.000142	0.147	0.0000224	0.000268	0.000559	0.00146	0.000106
2086 Jul	174	0.0743	0.159	0.00436	31.2	0.0409	33.6	0.00158	0.00101	0.00000548	0.00586	0.0019	0.0361	0.0193	0.0000056	21.5	0.0000185	0.00076	0.000271	0.00122	0.0484	0.00000812	2.56	4.33	0.0466	0.000682	14.5	0.0036	0.0314	0.000275	0.000254	0.00015	0.152	0.0000234	0.000291	0.000557	0.00151	0.000115
2086 Aug	176	0.0754	0.161	0.00442	31.6	0.0421	34	0.00162	0.00104	0.00000561	0.00601	0.00194	0.0366	0.0197	0.00000574	21.9	0.0000187	0.000769	0.000275	0.00125	0.0496	0.00000837	2.6	4.39	0.0472	0.000694	14.7	0.00365	0.0325	0.000279	0.000257	0.000152	0.155	0.0000024	0.000295	0.000563	0.00154	0.000116
2086 Sep	171	0.0746	0.155	0.0043	30.8	0.0418	33	0.00159	0.00103	0.00000556	0.00597	0.0019	0.0357	0.0195	0.00000568	21.6	0.0000183	0.000748	0.000268	0.00123	0.0489	0.00000835	2.54	4.29	0.0459	0.000684	14.3	0.00355	0.0326	0.00027	0.000249	0.000149	0.151	0.0000237	0.000286	0.000546	0.00152	0.000112
2086 Oct	170	0.0748	0.154	0.00427	30.7	0.0418	32.7	0.00158	0.00103	0.00000555	0.00598	0.00189	0.0355	0.0194	0.00000567	21.5	0.0000183	0.000743	0.000267	0.00122	0.0489	0.00000835	2.53	4.27	0.0455	0.000682	14.2	0.00353	0.0328	0.000267	0.000247	0.000148	0.151	0.0000237	0.000285	0.000543	0.00152	0.000111
2086 Nov	171	0.075	0.154	0.00427	30.7	0.0419	32.8	0.00159	0.00103	0.00000556	0.006	0.0019	0.0356	0.0195	0.00000568	21.6	0.0000183	0.000745	0.000268	0.00123	0.049	0.00000838	2.53	4.27	0.0456	0.000684	14.2	0.00354	0.0329	0.000268	0.000247	0.000148	0.151	0.0000237	0.000285	0.000544	0.00152	0.000111
2086 Dec	171	0.0751	0.154	0.00428	30.7	0.0419	32.8	0.00159	0.00103	0.00000556	0.00601	0.0019	0.0356	0.0195	0.00000569	21.6	0.0000183	0.000745	0.000268	0.00123	0.049	0.00000838	2.53	4.27	0.0456	0.000684	14.2	0.00354	0.0329	0.000268	0.000247	0.000148	0.151	0.0000237	0.000285	0.000544	0.00152	0.000111
2087 Jan	171	0.0751	0.154	0.00428	30.7	0.0419	32.8	0.00159	0.00103	0.00000556	0.00601	0.0019	0.0356	0.0195	0.00000569	21.6	0.0000183	0.000745	0.000268	0.00123	0.049	0.00000838	2.53	4.28	0.0456	0.000684	14.2	0.00354	0.0329	0.000268	0.000247	0.000148	0.151	0.0000237	0.000285	0.000545	0.00152	0.000111
2087 Feb	171	0.0751	0.154	0.00428	30.8	0.0419	32.8	0.00159	0.00103	0.00000557	0.00601	0.0019	0.0356	0.0195	0.00000569	21.6	0.0000183	0.000745	0.000268	0.00123	0.0491	0.00000839	2.53	4.28	0.0457	0.000684	14.2	0.00354	0.0329	0.000268	0.000248	0.000148	0.151	0.0000237	0.000285	0.000545	0.00152	0.000111
2087 Mar	171	0.0752	0.154	0.00428	30.8	0.042	32.8	0.00159	0.00104	0.00000557	0.00602	0.0019	0.0356	0.0195	0.00000569	21.6	0.0000183	0.000746	0.000268	0.00123	0.0491	0.00000839	2.53	4.28	0.0457	0.000685	14.2	0.00354	0.033	0.000268	0.000248	0.000148	0.151	0.0000238	0.000286	0.000546	0.00152	0.000111
2087 Apr	171	0.0754	0.155	0.00429	30.9	0.0421	32.9	0.00159	0.00104	0.00000558	0.00603	0.00191	0.0357	0.0196	0.00000571	21.7	0.0000184	0.000748	0.000269	0.00123	0.0492	0.00000841	2.54	4.29	0.0458	0.000687	14.3	0.00355	0.0331	0.000269	0.000248	0.000148	0.151	0.0000238	0.000286	0.000547	0.00153	0.000111
2087 May	170	0.0755	0.152	0.00423	30.8	0.0416	32.5	0.00158	0.00104	0.00000559	0.00606	0.00192	0.0352	0.0203	0.00000571	22.1	0.0000185	0.000746	0.000282	0.00124	0.0514	0.00000847	2.55	4.33	0.0481	0.000678	14.2	0.00352	0.0337	0.000291	0.000249	0.000149	0.153	0.0000238	0.000283	0.000572	0.00154	0.000109
2087 Jun	164	0.0739	0.147	0.00406	30.3	0.0395	31.8	0.00154	0.001	0.00000539	0.00582	0.00192	0.0342	0.0214	0.00000551	22.8	0.0000183	0.000747	0.000306	0.00123	0.0542	0.00000821	2.54	4.41	0.0527	0.000652	13.9	0.00346	0.0332	0.000337	0.000249	0.00015	0.156	0.0000023	0.000277	0.000615	0.0015	0.000105
2087 Jul	169	0.0761	0.152	0.00419	31.2	0.0409	32.8	0.00159	0.00104	0.00000557	0.00601	0.00198	0.0353	0.022	0.0000057	23.5	0.0000188	0.00077	0.000315	0.00127	0.0559	0.00000085	2.62	4.55	0.0542	0.000673	14.3	0.00357	0.0344	0.000347	0.000257	0.000155	0.161	0.0000238	0.000286	0.000633	0.00155	0.000108
2087 Aug	175	0.079	0.158	0.00435	32.4	0.0426	34	0.00165	0.00108	0.0000058	0.00626	0.00206	0.0366	0.0229	0.00000593	24.4	0.0000196	0.0008	0.000327	0.00132	0.0582	0.00000885	2.73	4.72	0.0563	0.0007	14.9	0.00371	0.0358	0.00036	0.000267	0.000161	0.167	0.0000247	0.000297	0.000658	0.00162	0.000112
2087 Sep	178	0.0805	0.16	0.00441	32.9	0.0433	34.5	0.00168	0.0011	0.00000589	0.00637	0.00209	0.0372	0.0233	0.00000603	24.8	0.0000199	0.000811	0.000332	0.00134	0.0591	0.00000901	2.77	4.79	0.0571	0.000711	15.1	0.00376	0.0365	0.000365	0.00027	0.000163	0.17	0.0000251	0.000301	0.000667	0.00164	0.000114
2087 Oct	176	0.0802	0.158	0.00436	32.6	0.0431	34.1	0.00166	0.00109	0.00000585	0.00635	0.00207	0.0368	0.0231	0.00000599	24.6	0.0000197	0.000803	0.000329	0.00133	0.0587	0.00000897	2.74	4.75	0.0564	0.000706	14.9	0.00372	0.0364	0.000361	0.000267	0.000161	0.168	0.0000025	0.000298	0.00066	0.00163	0.000112
2087 Nov	175	0.0802	0.156	0.00434	32.4	0.043	33.9	0.00166	0.00109	0.00000584	0.00635	0.00206	0.0366	0.023	0.00000597	24.5	0.0000197	0.000798	0.000327	0.00133	0.0585	0.00000895	2.72	4.72	0.0561	0.000704	14.8	0.0037	0.0365	0.000358	0.000265	0.00016	0.167	0.0000249	0.000296	0.000656	0.00162	0.000111
2087 Dec	175	0.0803	0.156	0.00434	32.4	0.043	33.9	0.00166	0.00109	0.00000584	0.00635	0.00206	0.0366	0.023	0.00000597	24.5	0.0000197	0.000798	0.000327	0.00133	0.0585	0.00000895	2.72	4.72	0.0561	0.000704	14.8	0.0037	0.0365	0.000358	0.000265	0.00016	0.167	0.0000249	0.000296	0.000656	0.00162	0.000111
2088 Jan	175	0.0803	0.156	0.00433	32.4	0.043	33.9	0.00166	0.00109	0.00000584	0.00635	0.00206	0.0366	0.023	0.00000597	24.5	0.0000197	0.000798	0.000327	0.00133	0.0586	0.00000896	2.72	4.72	0.0561	0.000704	14.8	0.0037	0.0365	0.000358	0.000265	0.00016	0.167	0.0000249	0.000296	0.000656	0.00162	0.000111
2088 Feb	175	0.0803	0.156	0.00433	32.4	0.043	33.9	0.00166	0.00109	0.00000584	0.00635	0.00206	0.0366	0.0231	0.00000597	24.5	0.0000197	0.000798	0.000327	0.00133	0.0586	0.00000896	2.73	4.72	0.0561	0.000704	14.8	0.0037	0.0365	0.000358	0.000265	0.00016	0.167	0.0000249	0.000296	0.000656	0.00162	0.000111
2088 Mar	175	0.0804	0.157	0.00434	32.4	0.043	33.9	0.00166	0.00109	0.00000585	0.00636	0.00207	0.0366	0.0231	0.00000598	24.6	0.0000197	0.000798	0.000328	0.00133	0.0587	0.00000897	2.73	4.73	0.0562	0.000705	14.8	0.0037	0.0366	0.000359	0.000265	0.000161	0.167	0.0000249	0.000296	0.000657	0.00163	0.000111
2088 Apr	177	0.0812	0.158	0.00438	32.7	0.0434	34.2	0.00167	0.0011	0.0000059	0.00642	0.00208	0.0369	0.0233	0.00000603	24.8	0.0000199	0.000806	0.000331	0.00134	0.0592	0.00000905	2.75	4.77	0.0567	0.000711	15	0.00374	0.0369	0.000362	0.000268	0.000162	0.169	0.0000251	0.000299	0.000663	0.00164	0.000112
2088 May	180	0.0828	0.161	0.00447	33.4	0.0443	34.9	0.00171	0.00112	0.00000602	0.00655	0.00213	0.0377	0.0238	0.00000615	25.3	0.0000203	0.000822	0.000338	0.00137	0.0604	0.00000923	2.81	4.87	0.0578	0.000726	15.3	0.00381	0.0376	0.000369	0.000273	0.000165	0.172	0.0000256	0.000305	0.000677	0.00167	0.000115
2088 Jun	161	0.0733	0.141	0.004	29.7	0.0408	30.6	0.0016	0.00109	0.00000579	0.00652	0.00195	0.0339	0.022	0.00000591	23.1	0.0000201	0.000738	0.000305	0.00126	0.0572	0.00000914	2.54	4.37	0.0521	0.000643	13.6	0.00343	0.0377	0.000333	0.000263	0.000149	0.156	0.0000245	0.000271	0.000645	0.00169	0.0000999
2088 Jul	164	0.0743	0.143	0.00407	30.2	0.0418	31	0.00164	0.00113	0.00000601	0.00682	0.00199	0.0346	0.0225	0.00000612	23.6	0.000021	0.000752	0.000311	0.00129	0.0591	0.00000954	2.6	4.45	0.0531	0.000653	13.8	0.0035	0.0395	0.00034	0.000273	0.000152	0.159	0.0000254	0.000275	0.000667	0.00177	0.000101
2088 Aug	174	0.0788	0.152	0.00432	32.1	0.0444	32.9	0.00175	0.0012	0.00000638	0.00724	0.00212	0.0367	0.0239	0.0000065	25.1	0.0000223	0.000798	0.000331	0.00137	0.0627	0.0000101	2.76	4.72	0.0563	0.000693	14.6	0.00371	0.042	0.000361	0.00029	0.000161	0.168	0.0000027	0.000292	0.000708	0.00188	0.000107
2088 Sep	176	0.0801	0.154	0.00438	32.5	0.0451	33.3	0.00177	0.00122	0.00000647	0.00735	0.00215	0.0372	0.0243	0.0000066	25.5	0.0000226	0.000809	0.000335	0.00139	0.0636	0.0000103	2.79	4.79	0.0571	0.000703	14.8	0.00376	0.0426	0.000366	0.000294	0.000163	0.171	0.0000274	0.000296	0.000717	0.00191	0.000108
2088 Oct	167	0.0787	0.144	0.00414	30.9	0.0437	31.4	0.00169	0.00117	0.00000623	0.00717	0.00205	0.0353	0.0233	0.00000635	24.4	0.0000217	0.000765	0.000319	0.00133	0.0612	0.00000997	2.66	4.55	0.0539	0.000678	14.1	0.00356	0.0418	0.000344	0.000276	0.000154	0.163	0.0000263	0.000281	0.00068	0.00182	0.000102
2088 Nov	165	0.0789	0.142	0.00408	30.5	0.0436	30.9	0.00168	0.00117	0.00000619	0.00716	0.00203	0.0348	0.0231	0.00000631	24.2	0.0000215	0.000754	0.000315	0.00132	0.0608	0.00000993	2.62	4.49	0.053	0.000674	13.9	0.00351	0.0419	0.000338	0.000271	0.000152	0.161	0.0000261	0.000277	0.00067	0.00181	0.0000999
2088 Dec	165	0.079	0.142	0.00408	30.5	0.0436	30.9	0.00168	0.00117	0.00000619	0.00717	0.00203	0.0348	0.0231	0.00000631	24.2	0.0000216	0.000754	0.000315	0.00132	0.0608	0.00000994	2.62	4.49	0.053	0.000675	13.9	0.00351	0.0419	0.000337	0.000271	0.000152	0.161	0.0000261	0.000277	0.00067	0.00181	0.0000999
2089 Jan	165	0.079	0.142	0.00408	30.5	0.0436	30.9	0.00168	0.00117	0.00000619	0.00717	0.00203	0.0348	0.0231	0.00000631	24.2	0.0000216	0.000754	0.000315	0.00132	0.0608	0.00000994	2.62	4.49	0.053	0.000675	13.9	0.00351	0.042	0.000337	0.000271	0.000152	0.161	0.0000261	0.000277	0.00067	0.00181	0.0000998
2089 Feb	165	0.079	0.142	0.00408	30.5	0.0436	30.9	0.00168	0.00117	0.00000619	0.00717	0.00203	0.0348	0.0232	0.00000631	24.2	0.0000216	0.000754	0.000315	0.00132	0.0608	0.00000994	2.63	4.49	0.0531	0.000675	13.9	0.00351	0.042	0.000338	0.000271	0.000152	0.161	0.0000261	0.000277	0.00067	0.00181	0.0000998
2089 Mar	165	0.0791	0.142	0.00408	30.6	0.0437	31	0.00168	0.00117	0.0000062	0.00718	0.00203	0.0348	0.0232	0.00000632	24.2	0.0000216	0.000755	0.000315	0.00133	0.0609	0.00000996	2.63	4.5	0.0531	0.000675	13.9	0.00351	0.042	0.000338	0.000272	0.000152	0.161	0.0000262	0.000277	0.000671	0.00181	0.0001
2089 Apr	166	0.0796	0.143	0.00411	30.8	0.0439	31.1	0.00169	0.00118	0.00000624	0.00722	0.00204	0.035	0.0233	0.00000635	24.4	0.0000217	0.000759	0.000317	0.00133	0.0613	0.00001	2.64	4.53	0.0535	0.000679	14	0.00353	0.0423	0.00034	0.000273	0.000153	0.162	0.0000263	0.000279	0.000675	0.00182	0.000101
2089 May	164	0.0797	0.139	0.00401	30.6	0.0432	30.4	0.00167	0.00118	0.00000623	0.00724	0.00205	0.0342	0.0243	0.00000634	24.9	0.0000218	0.000752	0.000334	0.00134	0.064	0.0000101	2.64	4.57	0.0563	0.000664	13.8	0.00349	0.0432	0.000369	0.000273	0.000153	0.164	0.0000262	0.000273	0.000707	0.00183	0.0000971
2089 Jun	157	0.0778	0.13	0.00375	29.7	0.0407	28.7	0.0016	0.00114	0.00000601	0.00701	0

Appendix D.2-11: A8

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	34.1	0.022	0.00483	0.000859	6.46	0.0203	2.31	0.000859	0.000859
Operation (2026-2036): Mean	48.9	0.0725	0.00712	0.001	11.2	0.0348	4.24	0.001	0.001
Operation (2026-2036): Max	81.7	0.112	0.0186	0.00122	18.6	0.0447	6.63	0.00122	0.00122
2092 Jun	166	0.0725	0.155	0.00431	29	0.0414	36.2	0.0016	0.00095
2092 Jul	174	0.0731	0.164	0.00453	29.8	0.0427	38.2	0.00165	0.000963
2092 Aug	181	0.0762	0.17	0.00472	31.1	0.0446	39.8	0.00172	0.00101
2092 Sep	181	0.0764	0.17	0.00471	31	0.0448	39.6	0.00172	0.00101
2092 Oct	179	0.0763	0.167	0.00465	30.7	0.0446	39.1	0.00171	0.001
2092 Nov	178	0.0765	0.167	0.00463	30.6	0.0446	39	0.0017	0.001
2092 Dec	178	0.0765	0.167	0.00463	30.6	0.0446	39	0.0017	0.001
2093 Jan	178	0.0766	0.167	0.00463	30.6	0.0446	38.9	0.0017	0.001
2093 Feb	178	0.0766	0.167	0.00463	30.6	0.0446	38.9	0.0017	0.00101
2093 Mar	178	0.0768	0.167	0.00464	30.7	0.0447	39.1	0.00171	0.00101
2093 Apr	180	0.0773	0.168	0.00467	30.9	0.045	39.3	0.00172	0.00101
2093 May	180	0.0781	0.167	0.00466	31.1	0.0451	39.1	0.00173	0.00103
2093 Jun	169	0.074	0.156	0.00436	29.7	0.0421	37	0.00165	0.000984
2093 Jul	177	0.0769	0.165	0.00459	31	0.0441	39.1	0.00172	0.00102
2093 Aug	182	0.0793	0.17	0.00473	32	0.0456	40.2	0.00178	0.00106
2093 Sep	182	0.08	0.169	0.00472	31.9	0.0458	40.1	0.00178	0.00106
2093 Oct	170	0.0786	0.156	0.00438	29.9	0.0442	37.1	0.00168	0.00102
2093 Nov	166	0.0788	0.153	0.00432	29.5	0.044	36.6	0.00166	0.00101
2093 Dec	166	0.0789	0.153	0.00431	29.4	0.0441	36.6	0.00166	0.00101
2094 Jan	166	0.079	0.153	0.00431	29.5	0.0441	36.6	0.00166	0.00101
2094 Feb	166	0.079	0.153	0.00431	29.5	0.0441	36.6	0.00166	0.00101
2094 Mar	167	0.0791	0.153	0.00432	29.5	0.0441	36.6	0.00167	0.00101
2094 Apr	167	0.0794	0.153	0.00434	29.6	0.0443	36.8	0.00167	0.00102
2094 May	168	0.0794	0.154	0.00433	29.8	0.044	36.9	0.00167	0.00102
2094 Jun	174	0.0796	0.16	0.00447	30.6	0.044	38.7	0.0017	0.00101
2094 Jul	185	0.0847	0.17	0.00476	32.5	0.0468	41.1	0.00181	0.00107
2094 Aug	197	0.0902	0.181	0.00507	34.7	0.0499	43.8	0.00193	0.00115
2094 Sep	196	0.0906	0.18	0.00504	34.5	0.05	43.5	0.00193	0.00115
2094 Oct	186	0.0891	0.169	0.00478	32.9	0.0486	41.2	0.00185	0.00111
2094 Nov	176	0.0876	0.159	0.00452	31.4	0.0472	38.8	0.00177	0.00108
2094 Dec	175	0.0876	0.158	0.00449	31.2	0.0471	38.5	0.00176	0.00108
2095 Jan	175	0.0877	0.158	0.00448	31.2	0.0471	38.5	0.00176	0.00108
2095 Feb	175	0.0877	0.158	0.00448	31.2	0.0471	38.5	0.00176	0.00108
2095 Mar	175	0.0878	0.158	0.00449	31.2	0.0471	38.5	0.00176	0.00108
2095 Apr	176	0.0882	0.159	0.00451	31.4	0.0473	38.7	0.00177	0.00108
2095 May	174	0.0879	0.155	0.00443	31.2	0.0467	38	0.00175	0.00108
2095 Jun	173	0.088	0.152	0.00434	31.2	0.0461	37.2	0.00175	0.00109
2095 Jul	183	0.0933	0.161	0.0046	33.1	0.0489	39.5	0.00185	0.00116
2095 Aug	182	0.093	0.16	0.00458	32.9	0.049	39.2	0.00185	0.00116
2095 Sep	182	0.0931	0.159	0.00456	32.8	0.0492	39	0.00185	0.00117
2095 Oct	181	0.0932	0.158	0.00455	32.8	0.0492	38.9	0.00185	0.00117
2095 Nov	178	0.0925	0.155	0.00447	32.2	0.0487	38.1	0.00182	0.00115
2095 Dec	177	0.0926	0.154	0.00444	32.1	0.0486	37.9	0.00181	0.00115
2096 Jan	177	0.0926	0.154	0.00444	32.1	0.0486	37.9	0.00181	0.00115
2096 Feb	177	0.0927	0.154	0.00444	32.1	0.0486	37.9	0.00181	0.00115
2096 Mar	177	0.0928	0.154	0.00444	32.1	0.0487	37.9	0.00181	0.00115
2096 Apr	178	0.0932	0.155	0.00446	32.3	0.0489	38.1	0.00182	0.00116
2096 May	178	0.0937	0.154	0.00445	32.4	0.0489	37.9	0.00183	0.00117
2096 Jun	164	0.0783	0.148	0.00426	29.1	0.0443	36.9	0.00171	0.00105
2096 Jul	175	0.0803	0.162	0.00463	30.6	0.0467	40.4	0.00181	0.00108
2096 Aug	184	0.0845	0.171	0.00487	32.2	0.0492	42.5	0.00191	0.00114
2096 Sep	180	0.0845	0.166	0.00475	31.6	0.0488	41.4	0.00188	0.00112
2096 Oct	168	0.0831	0.153	0.00442	29.7	0.047	38.3	0.00178	0.00108
2096 Nov	167	0.0832	0.152	0.00439	29.5	0.0469	38.1	0.00177	0.00108
2096 Dec	167	0.0832	0.152	0.00439	29.5	0.047	38	0.00177	0.00108
2097 Jan	167	0.0832	0.152	0.00439	29.5	0.047	38	0.00177	0.00108
2097 Feb	167	0.0832	0.152	0.00439	29.5	0.047	38	0.00177	0.00108
2097 Mar	167	0.0833	0.152	0.00439	29.5	0.047	38.1	0.00177	0.00108
2097 Apr	168	0.0838	0.153	0.00442	29.7	0.0473	38.3	0.00178	0.00109
2097 May	170	0.085	0.154	0.00445	30.1	0.0477	38.5	0.0018	0.0011
2097 Jun	164	0.082	0.148	0.00428	29.4	0.0456	37.3	0.00175	0.00108
2097 Jul	174	0.0866	0.157	0.00454	31.2	0.0483	39.6	0.00185	0.00114
2097 Aug	180	0.0895	0.162	0.0047	32.2	0.0501	41	0.00192	0.00118
2097 Sep	183	0.091	0.165	0.00476	32.7	0.0508	41.5	0.00195	0.0012
2097 Oct	180	0.0904	0.162	0.0047	32.3	0.0504	40.9	0.00192	0.00119
2097 Nov	177	0.09	0.159	0.00462	31.8	0.05	40.3	0.0019	0.00118
2097 Dec	176	0.09	0.158	0.0046	31.7	0.0499	40	0.00189	0.00117
2098 Jan	176	0.09	0.158	0.00459	31.7	0.0499	40	0.00189	0.00117
2098 Feb	176	0.09	0.158	0.00459	31.7	0.0499	40	0.00189	0.00117
2098 Mar	176	0.0901	0.158	0.0046	31.7	0.0499	40	0.00189	0.00117
2098 Apr	177	0.0904	0.159	0.00461	31.8	0.05	40.1	0.0019	0.00118
2098 May	173	0.0893	0.151	0.00442	31.3	0.0484	38.4	0.00185	0.00117
2098 Jun	166	0.0811	0.149	0.00428	29.7	0.0444	38.1	0.00174	0.00105
2098 Jul	179	0.0861	0.161	0.00461	31.7	0.0474	41.1	0.00186	0.00111
2098 Aug	180	0.087	0.162	0.00464	32	0.0481	41.3	0.00188	0.00113
2098 Sep	170	0.0849	0.151	0.00437	30.3	0.0467	38.7	0.00179	0.00109
2098 Oct	165	0.084	0.148	0.00428	29.4	0.0462	38.1	0.00175	0.00106
2098 Nov	166	0.0841	0.15	0.00433	29.3	0.0465	38.7	0.00175	0.00105
2098 Dec	165	0.0842	0.15	0.00433	29.3	0.0466	38.7	0.00175	0.00105
2099 Jan	165	0.0843	0.15	0.00433	29.3	0.0466	38.7	0.00175	0.00105
2099 Feb	165	0.0843	0.15	0.00433	29.3	0.0466	38.7	0.00175	0.00105
2099 Mar	166	0.0845	0.15	0.00434	29.4	0.0467	38.8	0.00175	0.00105
2099 Apr	167	0.0852	0.151	0.00437	29.6	0.047	39.1	0.00177	0.00106
2099 May	168	0.0832	0.15	0.00433	29.5	0.0454	39	0.00173	0.00103
2099 Jun	175	0.0817	0.159	0.00452	29.9	0.0454	41.1	0.00175	0.001
2099 Jul	184	0.0854	0.166	0.00475	31.4	0.0477	43.1	0.00184	0.00105
2099 Aug	192	0.0892	0.173	0.00495	32.7	0.05	45	0.00193	0.0011
2099 Sep	186	0.088	0.168	0.00481	31.9	0.0492	43.6	0.00188	0.00109
2099 Oct	180	0.087	0.161	0.00465	31	0.0483	42	0.00183	0.00107
2099 Nov	175	0.0865	0.156	0.00452	30.2	0.0477	40.8	0.00179	0.00105
2099 Dec	175	0.0866	0.156	0.00451	30.2	0.0477	40.7	0.00179	0.00105

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.00000429	0.00632	0.00244	0.00826	0.0111	0.00000429	9.8	0.0000138	0.000174	0.0000987	0.000594	0.0377	0.00000859	0.813	1.17	0.00971	0.000157
Operation (2026-2036): Mean	0.00000501	0.00789	0.00709	0.0109	0.0172	0.00000501	15.2	0.0000175	0.000219	0.000161	0.000878	0.0506	0.00001	1.12	1.82	0.0195	0.000387
Operation (2026-2036): Max	0.00000611	0.00888	0.0305	0.012	0.0351	0.00000611	28.8	0.0000252	0.000404	0.000495	0.00123	0.1	0.0000122	1.92	3.84	0.081	0.000574
2092 Jun	0.00000516	0.00561	0.00202	0.0391	0.0195	0.00000534	22.2	0.000018	0.000847	0.000278	0.00123	0.0482	0.0000081	2.66	4.59	0.0493	0.00074
2092 Jul	0.00000525	0.00565	0.00207	0.0411	0.0191	0.00000544	22.3	0.0000183	0.000883	0.000272	0.00125	0.0468	0.00000819	2.74	4.7	0.0486	0.000772
2092 Aug	0.00000548	0.0059	0.00216	0.0428	0.0199	0.00000568	23.2	0.0000191	0.000918	0.000283	0.0013	0.0489	0.00000856	2.85	4.89	0.0506	0.000804
2092 Sep	0.0000055	0.00593	0.00216	0.0427	0.0199	0.0000057	23.2	0.0000191	0.000916	0.000283	0.0013	0.049	0.0000086	2.85	4.88	0.0504	0.000805
2092 Oct	0.00000546	0.00592	0.00214	0.0422	0.0198	0.00000566	23.1	0.0000189	0.000905	0.00028	0.00129	0.0487	0.00000857	2.82	4.83	0.0498	0.000799
2092 Nov	0.00000546	0.00593	0.00213	0.0421	0.0198	0.00000566	23	0.0000189	0.000902	0.000279	0.00129	0.0487	0.00000857	2.81	4.82	0.0496	0.000798
2092 Dec	0.00000547	0.00594	0.00213	0.0421	0.0198	0.00000566	23	0.0000189	0.000902	0.000279	0.00129	0.0487	0.00000858	2.81	4.82	0.0496	0.000798
2093 Jan	0.00000547	0.00594	0.00213	0.0421	0.0198	0.00000566	23	0.0000189	0.000901	0.000279	0.00129	0.0487	0.00000858	2.81	4.82	0.0496	0.000798
2093 Feb	0.00000547	0.00594	0.00213	0.0421	0.0198	0.00000566	23	0.0000189	0.000902	0.00028	0.00129	0.0488	0.00000858	2.81	4.82	0.0497	0.000798
2093 Mar	0.00000548	0.00596	0.00214	0.0422	0.0199	0.00000568	23.1	0.000019	0.000904	0.00028	0.0013	0.0489	0.00000861	2.82	4.83	0.0498	0.0008
2093 Apr	0.00000551	0.00599	0.00215	0.0424	0.02	0.00000571	23.2	0.0000191	0.000909	0.000282	0.00131	0.0492	0.00000866	2.83	4.86	0.0501	0.000805
2093 May	0.00000558	0.00608	0.00217	0.0423	0.0207	0.00000577	23.8	0.0000194	0.000912	0.000294	0.00132	0.0512	0.0000088	2.86	4.92	0.052	0.000803
2093 Jun	0.00000533	0.00585	0.00211	0.0399	0.0211	0.00000552	23.6	0.000019	0.00088	0.000305	0.00128	0.0528	0.00000851	2.76	4.82	0.0543	0.000752
2093 Jul	0.00000555	0.00607	0.00221	0.0421	0.0217	0.00000575	24.5	0.0000198	0.000925	0.000314	0.00133	0.0542	0.00000883	2.89	5.03	0.0559	0.000791
2093 Aug	0.00000574	0.00627	0.00228	0.0434	0.0225	0.00000595	25.3	0.0000204	0.000954	0.000324	0.00137	0.056	0.00000914	2.98	5.19	0.0577	0.000816
2093 Sep	0.00000576	0.00632	0.00228	0.0433	0.0225	0.00000597	25.3	0.0000204	0.000951	0.000324	0.00138	0.0562	0.0000092	2.98	5.18	0.0575	0.000818
2093 Oct	0.00000552	0.00619	0.00214	0.0404	0.0214	0.00000571	24	0.0000194	0.000884	0.000303	0.00131	0.0536	0.00000889	2.79	4.85	0.0531	0.000779
2093 Nov	0.00000546	0.00616	0.00211	0.0399	0.021	0.00000565	23.6	0.0000191	0.000871	0.000294	0.00129	0.0525	0.00000881	2.75	4.76	0.0515	0.000776
2093 Dec	0.00000546	0.00617	0.00211	0.0399	0.021	0.00000565	23.6	0.0000191	0.00087	0.000294	0.00129	0.0525	0.00000882	2.74	4.76	0.0514	0.000776
2094 Jan	0.00000546	0.00617	0.00211	0.0399	0.021	0.00000565	23.6	0.0000191	0.00087	0.000294	0.0013	0.0525	0.00000882	2.74	4.76	0.0514	0.000776
2094 Feb	0.00000546	0.00617	0.00211	0.0399	0.021	0.00000565	23.6	0.0000191	0.00087	0.000294	0.0013	0.0526	0.00000882	2.75	4.76	0.0515	0.000776
2094 Mar	0.00000547	0.00618	0.00212	0.0399	0.0211	0.00000566	23.6	0.0000192	0.000872	0.000295	0.0013	0.0527	0.00000884	2.75	4.77	0.0516	0.000778
2094 Apr	0.00000549	0.00621	0.00212	0.0401	0.0212	0.00000568	23.7	0.0000193	0.000875	0.000296	0.0013	0.0529	0.00000887	2.76	4.79	0.0518	0.000781
2094 May	0.00000548	0.00618	0.00214	0.0401	0.0217	0.00000567	24.1	0.0000194	0.000882	0.000307	0.00131	0.0543	0.00000887	2.78	4.85	0.0538	0.000778
2094 Jun	0.00000547	0.00607	0.00222	0.0416	0.0224	0.00000567	25	0.0000196	0.000925	0.000325	0.00134	0.0559	0.00000881	2.89	5.07	0.0576	0.000796
2094 Jul	0.00000582	0.00647	0.00236	0.0443	0.0239	0.00000604	26.6	0.0000209	0.000984	0.000346	0.00142	0.0595	0.00000939	3.07	5.4	0.0613	0.000847
2094 Aug	0.00000621	0.0069	0.00251	0.0472	0.0255	0.00000644	28.3	0.0000222	0.00105	0.000368	0.00152	0.0635	0.00001	3.27	5.76	0.0653	0.000903
2094 Sep	0.00000621	0.00692	0.0025	0.0469	0.0254	0.00000644	28.3	0.0000222	0.00104	0.000367	0.00152	0.0634	0.00001	3.26	5.72	0.0649	0.000901
2094 Oct	0.00000601	0.00681	0.0024	0.0446	0.0245	0.00000623	27.2	0.0000214	0.000988	0.00035	0.00146	0.0613	0.00000978	3.11	5.45	0.0614	0.000868
2094 Nov	0.00000582	0.00669	0.00229	0.0422	0.0236	0.00000602	26	0.0000206	0.000934	0.000333	0.00141	0.0592	0.00000954	2.95	5.18	0.0579	0.000835
2094 Dec	0.0000058	0.00669	0.00227	0.0419	0.0235	0.00000601	25.9	0.0000205	0.000927	0.000331	0.0014	0.059	0.00000952	2.94	5.15	0.0575	0.000832
2095 Jan	0.00000581	0.00669	0.00227	0.0419	0.0235	0.00000601	25.9	0.0000205	0.000927	0.000331	0.0014	0.059	0.00000952	2.94	5.15	0.0575	0.000832
2095 Feb	0.00000581	0.00669	0.00228	0.0419	0.0236	0.00000601	26	0.0000206	0.000927	0.000331	0.0014	0.0591	0.00000952	2.94	5.15	0.0576	0.000832
2095 Mar	0.00000581	0.0067	0.00228	0.042	0.0236	0.00000601	26	0.0000206	0.000928	0.000332	0.0014	0.0592	0.00000953	2.94	5.15	0.0577	0.000832
2095 Apr	0.00000584	0.00673	0.00229	0.0422	0.0237	0.00000604	26.1	0.0000207	0.000933	0.000333	0.00141	0.0595	0.00000958	2.95	5.18	0.058	0.000836
2095 May	0.00000583	0.00674	0.00228	0.0414	0.0242	0.00000603	26.4	0.0000207	0.000922	0.000343	0.00141	0.0611	0.00000961	2.94	5.18	0.0595	0.000822
2095 Jun	0.00000586	0.00682	0.0023	0.0406	0.0254	0.00000606	27.1	0.000021	0.000917	0.000362	0.00142	0.0644	0.00000974	2.95	5.24	0.0628	0.000805
2095 Jul	0.00000623	0.00724	0.00244	0.043	0.0269	0.00000643	28.8	0.0000223	0.000972	0.000384	0.00151	0.0684	0.0000103	3.13	5.56	0.0667	0.000854
2095 Aug	0.00000623	0.00724	0.00243	0.0428	0.0269	0.00000643	28.7	0.0000222	0.000967	0.000382	0.0015	0.0683	0.0000104	3.12	5.53	0.0663	0.000851
2095 Sep	0.00000625	0.00726	0.00243	0.0427	0.0269	0.00000645	28.6	0.0000222	0.000962	0.000381	0.0015	0.0683	0.0000104	3.11	5.51	0.0659	0.000851
2095 Oct	0.00000625	0.00727	0.00242	0.0426	0.0269	0.00000645	28.6	0.0000221	0.00096	0.00038	0.0015	0.0682	0.0000104	3.1	5.5	0.0657	0.000851
2095 Nov	0.00000617	0.00722	0.00239	0.0418	0.0265	0.00000637	28.2	0.0000218	0.000943	0.000374	0.00148	0.0673	0.0000103	3.05	5.41	0.0645	0.00084
2095 Dec	0.00000616	0.00722	0.00238	0.0416	0.0264	0.00000636	28.1	0.0000218	0.000937	0.000372	0.00148	0.0671	0.0000103	3.03	5.38	0.0641	0.000837
2096 Jan	0.00000616	0.00722	0.00237	0.0416	0.0264	0.00000636	28.1	0.0000218	0.000937	0.000372	0.00148	0.0672	0.0000103	3.03	5.38	0.0641	0.000837
2096 Feb	0.00000616	0.00722	0.00238	0.0416	0.0265	0.00000636	28.1	0.0000218	0.000937	0.000373	0.00148	0.0673	0.0000103	3.04	5.38	0.0642	0.000837
2096 Mar	0.00000617	0.00723	0.00238	0.0416	0.0265	0.00000637	28.2	0.0000218	0.000938	0.000373	0.00148	0.0674	0.0000103	3.04	5.39	0.0643	0.000838
2096 Apr	0.0000062	0.00727	0.00239	0.0418	0.0266	0.00000639	28.3	0.0000219	0.000942	0.000375	0.00149	0.0677	0.0000104	3.05	5.41	0.0646	0.000842
2096 May	0.00000624	0.00733	0.0024	0.0417	0.0272	0.00000643	28.7	0.0000221	0.000943	0.000383	0.0015	0.0691	0.0000105	3.07	5.45	0.066	0.000839
2096 Jun	0.00000565	0.00654	0.0022	0.0406	0.0226	0.00000585	24.9	0.0000206	0.000904	0.000319	0.00133	0.0575	0.0000094	2.83	4.95	0.0561	0.00078
2096 Jul	0.00000583	0.00665	0.00232	0.0442	0.0224	0.00000605	25.4	0.0000213	0.000975	0.000316	0.00138	0.0563	0.0000096	2.99	5.2	0.0562	0.00084
2096 Aug	0.00000613	0.00701	0.00244	0.0466	0.0235	0.00000637	26.7	0.0000224	0.00103	0.000333	0.00146	0.0593	0.0000101	3.15	5.47	0.0592	0.000884
2096 Sep	0.00000607	0.00699	0.00239	0.0455	0.0232	0.0000063	26.3	0.0000221	0.001	0.000326	0.00144	0.0586	0.00001	3.08	5.35	0.0577	0.000871
2096 Oct	0.00000582	0.00684	0.00226	0.0424	0.0222	0.00000604	25	0.0000211	0.000932	0.000306	0.00137	0.0562	0.00000972	2.89	5.02	0.0536	0.00083
2096 Nov	0.00000581	0.00684	0.00224	0.0422	0.0221	0.00000602	24.9	0.000021	0.000925	0.000305	0.00137	0.056	0.0000097	2.88	4.99	0.0532	0.000827
2096 Dec	0.00000581	0.00684	0.00224	0.0421	0.0221	0.00000602	24.9	0.000021	0.000925	0.000304	0.00137	0.056	0.00000971	2.88	4.99	0.0532	0.000827
2097 Jan	0.00000581	0.00684	0.00224	0.0421	0.0221	0.00000602	24.9	0.000021	0.000924	0.000305	0.00137	0.0561	0.00000971	2.88	4.99	0.0532	0.000826
2097 Feb	0.00000581	0.00684	0.00224	0.0421	0.0222	0.00000602	24.9	0.000021	0.000924	0.000305	0.00137	0.0561	0.00000971	2.88	4.99	0.0532	0.000826
2097 Mar	0.00000581	0.00685	0.00225	0.0422	0.0222	0.00000602	24.9	0.000021	0.000925	0.000305	0.00137	0.0561	0.00000972	2.88	4.99	0.0533	0.000827
2097 Apr	0.00000585	0.00689	0.00226	0.0424	0.0223	0.00000606	25	0.0000212	0.000931	0.000307	0.00138	0.0565	0.00000977	2.9	5.02	0.0536	0.000832
2097 May	0.00000593	0.007	0.00229	0.0427	0.0229	0.00000614	25.5	0.0000215	0.00094	0.000316	0.0014	0.0581	0.00000993	2.93	5.1	0.0551	0.000838
2097 Jun	0.00000578	0.0068	0.00226	0.0412	0.0235	0.00000599	25.7	0.0000212	0.000922	0.00033	0.00137	0.0598	0.00000973	2.89	5.07	0.0577	0.000802
2097 Jul	0.00000612	0.00719	0.00239	0.0438	0.0247	0.00000634	27.1	0.0000225	0.00098	0.000347	0.00145	0.063	0.0000103	3.06	5.37	0.0609	0.000851
2097 Aug	0.00000633	0.00744	0.00248	0.0453	0.0256	0.00000656	28.1	0.0000232	0.00101	0.000359	0.0015	0.0652	0.0000107	3.17	5.55	0.0629	0.000881
2097 Sep	0.00000643	0.00756	0.00251	0.0459	0.026	0.00000666	28.5	0.0000236	0.00103	0.000364	0.00152	0.0662	0.0000108	3.21	5.63	0.0638	0.000894
2097 Oct	0.00000637	0.00751	0.00248	0.0453	0.0257	0.0000066	28.2	0.0000233	0.00101	0.00036	0.00151	0.0655	0.0000107	3.17	5.56	0.0629	0.000884
2097 Nov	0.00000631	0.00747	0.00245	0.0446	0.0254	0.00000653	27.8	0.0000231	0.000996	0.000355	0.00149	0.0648	0.0000106	3.13	5.48	0.0619	0.000875
2097 Dec	0.00000629	0.00746	0.00244	0.0444	0.0253	0.00000651	27.7	0.000023	0.000991	0.000353	0.00149	0.0646	0.0000106	3.11	5.45	0.0615	0.000872
2098 Jan	0.00000629	0.00746	0.00244	0.0443	0.0253	0.00000651	27.7	0.000023	0.00099	0.000353	0.00149	0.0647	0.0000106	3.11	5.45	0.0615	0.000871
2098 Feb	0.00000629	0.00746	0.00244	0.0443	0.0254	0.00000651	27.7	0.000023	0.00099	0.000353	0.00149	0.0647	0.0000106	3.11	5.45	0.0616	0.000871
2098 Mar	0.0000063	0.00746	0.00244	0.0444	0.0254	0.00000652	27.8	0.000023	0.000991	0.000354	0.00149	0.0648	0.0000106	3.11	5.45	0.0616	0.000872
2098 Apr	0.00000632	0.00749	0.00245	0.0445	0.0255	0.00000654	27.9	0.0000231	0.000994	0.000355	0.00149	0.0651	0.0000107	3.12	5.47	0.0619	0.000875
2098 May	0.00000625	0.00744	0.00242	0.0426	0.0265	0.00000646	28.3	0.000023	0.000966	0.000373	0.00148	0.0681	0.0000106	3.07	5.44	0.0649	0.000838
2098 Jun	0.00000566	0.00657	0.00231	0.0416	0.0248	0.00000587	26.7	0.0000211	0.000951	0.000359	0.00139	0.063	0.00000955	2.96	5.27	0.0635	0.000798
2098 Jul	0.000006	0.00694	0.00247	0.0448	0.026	0.00000623	28.3	0.0000224	0.00102	0.000377	0.00148	0.066	0.0000101	3.16	5.62	0.0669	0.000858
2098 Aug	0.00000608	0.00704	0.00249	0.0451	0.0263	0.00000632	28.6	0.0000226	0.00103	0.00038	0.00149	0.0667	0.0000103	3.19	5.66	0.0673	0.000867
2098 Sep	0.00000587	0.00687	0.00237	0.0426	0.0252	0.00000609	27.3	0.0000215	0.000966	0.000359	0.00143	0.064	0.00000998	3.02	5.35	0.0632	0.00083
2098 Oct	0.00000568	0.00668	0.00229	0.0419	0.0238	0.0000059	26.1	0.0000207	0.000943	0.000335	0.00138	0.06	0.00000964	2.92	5.16	0.0589	0.000826
2098 Nov	0.00000563	0.00661	0.00229	0.0425	0.0231	0.00000585	25.7	0.0000205	0.00095	0.000325	0.00138	0.058	0.00000952	2.93	5.15	0.0571	0.000839
2098 Dec	0.00000563	0.00662	0.00229	0.0425	0.0231	0.00000586	25.7	0.0000205	0.00095	0.000325	0.00138	0.058	0.00000953	2.92	5.14	0.057	0.000839
2099 Jan	0.00000563	0.00662	0.00229	0.0425	0.0231	0.00000586	25.7	0.0000205	0.00095	0.000325	0.00138	0.058	0.00000953	2.92	5.14	0.0571	0.000839
2099 Feb	0.00000564	0.00662	0.00229	0.0425	0.0231	0.00000586	25.7	0.0000205	0.00095	0.000325	0.00138	0.0581	0.00000953	2.92	5.15	0.0571	0.000839
2099 Mar	0.00000565	0.00663	0.00229	0.0426	0.0232	0.00000587	25.8	0.0000205	0.000952	0.000326	0.00138	0.0582	0.00000955	2.93	5.16	0.0572	0.000841
2099 Apr	0.00000569	0.00669	0.00231	0.0429	0.0234	0.00000592	26	0.0000207	0.000959	0.000329	0.00139	0.0587	0.00000963	2.95	5.2	0.0578	0.000848
2099 May	0.00000553	0.00643	0.00231	0.0425	0.024	0.00000576	26.4	0.0000204	0.000963	0.000346	0.00138	0.0603	0.00000937	2.96	5.27	0.0613	0.00083
2099 Jun	0.00000544	0.0062	0.00235	0.0444	0.0233	0.00000568	26.2	0.0000202	0.001	0.00034	0.00138	0.058	0.00000913	3.02	5.37	0.0611	0.000852
2099 Jul	0.00000572	0.00652	0.00246	0.0465	0.0244	0.00000597	27.4	0.0000212	0.00105	0.000356	0.00145	0.0608	0.00000962	3.17	5.63	0.0639	0.000894
2099 Aug	0.00000599	0.00683	0.00257	0.0486	0.0255	0.00000625	28.7	0.0000221	0.00109	0.000371	0.00152	0.0636	0.0000101	3.31	5.87	0.0666	0.000934
2099 Sep	0.00000589	0.00675	0.00251	0.0472	0.025	0.00000614	28	0.0000216	0.00106	0.000362	0.00148	0.0623	0.00000994	3.22	5.72	0.0646	0.000914
2099 Oct	0.00000577	0.00666	0.00244	0.0457	0.0244	0.00000601	27.3	0.0000211	0.00103	0.00035	0.00145	0.0609	0.00000977	3.12	5.53	0.0623	0.00089
2099 Nov	0.00000569	0.00663	0.00238	0.0444	0.024	0.00000592	26.7	0.0000207	0.000996	0.000342	0.00142	0.0599	0.00000967	3.04	5.39	0.0605	0.000874
2099 Dec	0.00000569	0.00664	0.00238	0.0444	0.024	0.00000592	26.7	0.0000207	0.000994	0.000341	0.00142	0.0599	0.00000967	3.04	5.38	0.0604	0.000874

Constituents	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.55	0.00087	0.0408	0.0000263	0.0000242	0.0000378	0.0482	0.00000172	0.0000494	0.000193	0.00105	
Operation (2026-2036): Mean	3.97	0.00107	0.0529	0.000119	0.000105	0.0000483	0.0742	0.000002	0.0000729	0.000379	0.00149	
Operation (2026-2036): Max	6.7	0.00173	0.064	0.000679	0.00024	0.000109	0.151	0.00000245	0.0000884	0.00107	0.00233	
2092 Jun	13.5	0.00379	0.0304	0.000285	0.000258	0.000159	0.158	0.00000224	0.000319	0.000559	0.00143	0.000103
2092 Jul	14	0.00396	0.0298	0.000271	0.000268	0.000164	0.16	0.00000228	0.000336	0.000551	0.00145	0.000108
2092 Aug	14.6	0.00413	0.0312	0.000282	0.000279	0.000171	0.167	0.00000238	0.000349	0.000573	0.00151	0.000113
2092 Sep	14.5	0.00412	0.0314	0.00028	0.000278	0.00017	0.167	0.00000239	0.000348	0.000571	0.00151	0.000112
2092 Oct	14.4	0.00407	0.0315	0.000277	0.000274	0.000168	0.165	0.00000237	0.000344	0.000565	0.0015	0.000111
2092 Nov	14.3	0.00405	0.0316	0.000276	0.000273	0.000168	0.165	0.00000237	0.000343	0.000563	0.0015	0.00011
2092 Dec	14.3	0.00405	0.0316	0.000275	0.000273	0.000168	0.165	0.00000237	0.000343	0.000563	0.0015	0.00011
2093 Jan	14.3	0.00405	0.0316	0.000276	0.000273	0.000168	0.165	0.00000237	0.000343	0.000563	0.0015	0.00011
2093 Feb	14.3	0.00405	0.0317	0.000276	0.000273	0.000168	0.165	0.00000237	0.000343	0.000564	0.0015	0.00011
2093 Mar	14.4	0.00406	0.0317	0.000277	0.000274	0.000168	0.165	0.00000238	0.000344	0.000566	0.0015	0.00011
2093 Apr	14.4	0.00409	0.0319	0.000278	0.000275	0.000169	0.166	0.00000239	0.000346	0.000569	0.00151	0.000111
2093 May	14.5	0.0041	0.0329	0.000296	0.000278	0.000171	0.169	0.00000242	0.000345	0.000592	0.00154	0.00011
2093 Jun	13.8	0.0039	0.0324	0.000326	0.000272	0.000166	0.166	0.00000231	0.000327	0.000618	0.00151	0.000102
2093 Jul	14.4	0.0041	0.0333	0.000333	0.000285	0.000173	0.173	0.00000241	0.000345	0.000636	0.00157	0.000108
2093 Aug	14.9	0.00423	0.0345	0.000343	0.000294	0.000179	0.178	0.00000249	0.000355	0.000656	0.00162	0.000111
2093 Sep	14.8	0.00422	0.0349	0.000342	0.000292	0.000178	0.178	0.0000025	0.000355	0.000654	0.00162	0.000111
2093 Oct	13.8	0.00392	0.0346	0.000314	0.000269	0.000166	0.167	0.00000238	0.00033	0.000608	0.00154	0.000102
2093 Nov	13.6	0.00386	0.0345	0.0003	0.000263	0.000163	0.164	0.00000236	0.000326	0.000589	0.00151	0.0001
2093 Dec	13.6	0.00386	0.0345	0.0003	0.000262	0.000163	0.164	0.00000236	0.000326	0.000589	0.00151	0.0001
2094 Jan	13.6	0.00386	0.0346	0.0003	0.000262	0.000163	0.164	0.00000236	0.000326	0.000589	0.00151	0.0001
2094 Feb	13.6	0.00386	0.0346	0.0003	0.000262	0.000163	0.164	0.00000236	0.000326	0.00059	0.00151	0.0001
2094 Mar	13.6	0.00386	0.0346	0.000301	0.000263	0.000163	0.164	0.00000236	0.000327	0.000591	0.00151	0.0001
2094 Apr	13.7	0.00388	0.0348	0.000302	0.000264	0.000164	0.165	0.00000237	0.000328	0.000593	0.00152	0.000101
2094 May	13.7	0.0039	0.0349	0.00032	0.000267	0.000165	0.167	0.00000237	0.000329	0.000613	0.00152	0.0001
2094 Jun	14.1	0.00406	0.0341	0.000348	0.000278	0.000173	0.174	0.00000237	0.000343	0.000647	0.00153	0.000104
2094 Jul	15	0.00432	0.0363	0.000371	0.000296	0.000184	0.185	0.00000253	0.000365	0.000689	0.00163	0.00011
2094 Aug	16	0.00461	0.0387	0.000395	0.000315	0.000196	0.198	0.00000269	0.000389	0.000734	0.00173	0.000118
2094 Sep	15.9	0.00458	0.039	0.000392	0.000313	0.000195	0.197	0.00000269	0.000386	0.00073	0.00173	0.000117
2094 Oct	15.1	0.00434	0.0387	0.00037	0.000295	0.000185	0.188	0.0000026	0.000367	0.000694	0.00167	0.00011
2094 Nov	14.3	0.00411	0.0384	0.000347	0.000278	0.000175	0.179	0.00000251	0.000347	0.000658	0.0016	0.000103
2094 Dec	14.3	0.00408	0.0384	0.000345	0.000276	0.000174	0.178	0.0000025	0.000345	0.000653	0.0016	0.000102
2095 Jan	14.3	0.00408	0.0384	0.000345	0.000275	0.000174	0.178	0.0000025	0.000344	0.000654	0.0016	0.000102
2095 Feb	14.3	0.00408	0.0385	0.000345	0.000275	0.000174	0.178	0.00000251	0.000344	0.000654	0.0016	0.000102
2095 Mar	14.3	0.00408	0.0385	0.000345	0.000276	0.000174	0.178	0.00000251	0.000345	0.000655	0.0016	0.000102
2095 Apr	14.3	0.0041	0.0387	0.000347	0.000277	0.000175	0.179	0.00000252	0.000346	0.000659	0.00161	0.000103
2095 May	14.2	0.00405	0.0392	0.000364	0.000277	0.000174	0.179	0.00000251	0.00034	0.000677	0.00162	0.0001
2095 Jun	14.1	0.00402	0.0405	0.000398	0.000279	0.000175	0.182	0.00000252	0.000334	0.000717	0.00165	0.0000973
2095 Jul	15	0.00426	0.043	0.000422	0.000296	0.000186	0.193	0.00000268	0.000354	0.000761	0.00175	0.000103
2095 Aug	14.9	0.00424	0.0431	0.000419	0.000294	0.000185	0.192	0.00000268	0.000352	0.000756	0.00175	0.000102
2095 Sep	14.8	0.00422	0.0434	0.000416	0.000293	0.000184	0.192	0.00000268	0.00035	0.000751	0.00175	0.000102
2095 Oct	14.8	0.00421	0.0434	0.000415	0.000292	0.000184	0.192	0.00000268	0.00035	0.00075	0.00175	0.000101
2095 Nov	14.5	0.00414	0.0432	0.000407	0.000286	0.00018	0.188	0.00000265	0.000343	0.000736	0.00172	0.0000992
2095 Dec	14.5	0.00411	0.0432	0.000404	0.000284	0.000179	0.188	0.00000264	0.000341	0.000732	0.00172	0.0000985
2096 Jan	14.5	0.00411	0.0433	0.000404	0.000284	0.000179	0.188	0.00000264	0.000341	0.000733	0.00172	0.0000985
2096 Feb	14.5	0.00411	0.0433	0.000404	0.000284	0.000179	0.188	0.00000264	0.000341	0.000734	0.00172	0.0000985
2096 Mar	14.5	0.00412	0.0434	0.000405	0.000284	0.000179	0.188	0.00000265	0.000341	0.000735	0.00172	0.0000985
2096 Apr	14.6	0.00413	0.0436	0.000407	0.000286	0.00018	0.189	0.00000266	0.000343	0.000738	0.00173	0.000099
2096 May	14.6	0.00414	0.0442	0.00042	0.000287	0.000181	0.19	0.00000267	0.000342	0.000755	0.00175	0.0000983
2096 Jun	13.4	0.00393	0.0374	0.000339	0.000281	0.000168	0.17	0.00000244	0.000332	0.000657	0.00163	0.0000954
2096 Jul	14.2	0.00424	0.0369	0.000325	0.000298	0.000178	0.177	0.00000253	0.000362	0.000654	0.00167	0.000105
2096 Aug	15	0.00446	0.0388	0.000342	0.000313	0.000188	0.187	0.00000266	0.000381	0.000688	0.00176	0.00011
2096 Sep	14.6	0.00435	0.039	0.000333	0.000305	0.000183	0.183	0.00000263	0.000372	0.000673	0.00173	0.000107
2096 Oct	13.7	0.00406	0.0386	0.000307	0.000282	0.000171	0.172	0.00000252	0.000347	0.000629	0.00165	0.0000987
2096 Nov	13.6	0.00403	0.0386	0.000305	0.00028	0.00017	0.171	0.00000251	0.000344	0.000625	0.00164	0.0000978
2096 Dec	13.6	0.00403	0.0387	0.000305	0.000279	0.000169	0.171	0.00000251	0.000344	0.000625	0.00164	0.0000978
2097 Jan	13.6	0.00403	0.0387	0.000305	0.000279	0.000169	0.171	0.00000251	0.000344	0.000625	0.00164	0.0000977
2097 Feb	13.6	0.00403	0.0387	0.000305	0.000279	0.000169	0.171	0.00000251	0.000344	0.000625	0.00164	0.0000977
2097 Mar	13.6	0.00403	0.0387	0.000305	0.00028	0.00017	0.171	0.00000251	0.000344	0.000626	0.00164	0.0000978
2097 Apr	13.7	0.00406	0.039	0.000307	0.000281	0.000171	0.172	0.00000252	0.000346	0.00063	0.00165	0.0000984
2097 May	13.8	0.00409	0.0398	0.00032	0.000285	0.000173	0.175	0.00000256	0.000349	0.000648	0.00168	0.0000988
2097 Jun	13.5	0.00399	0.0394	0.00035	0.000284	0.000171	0.175	0.00000249	0.000337	0.000676	0.00167	0.0000945
2097 Jul	14.3	0.00423	0.0415	0.000368	0.000301	0.000181	0.185	0.00000264	0.000359	0.000712	0.00176	0.000101
2097 Aug	14.8	0.00438	0.043	0.00038	0.000311	0.000188	0.191	0.00000273	0.000371	0.000736	0.00182	0.000104
2097 Sep	15	0.00444	0.0437	0.000385	0.000315	0.00019	0.194	0.00000277	0.000376	0.000746	0.00185	0.000105
2097 Oct	14.8	0.00438	0.0435	0.000379	0.00031	0.000188	0.191	0.00000275	0.000371	0.000736	0.00183	0.000104
2097 Nov	14.6	0.00431	0.0433	0.000373	0.000305	0.000185	0.189	0.00000272	0.000365	0.000725	0.00181	0.000102
2097 Dec	14.5	0.00429	0.0433	0.00037	0.000303	0.000184	0.188	0.00000271	0.000363	0.000721	0.0018	0.000101
2098 Jan	14.5	0.00428	0.0433	0.00037	0.000303	0.000183	0.188	0.00000271	0.000363	0.000721	0.0018	0.000101
2098 Feb	14.5	0.00428	0.0433	0.00037	0.000303	0.000183	0.188	0.00000271	0.000363	0.000722	0.0018	0.000101
2098 Mar	14.5	0.00428	0.0434	0.000371	0.000303	0.000184	0.188	0.00000271	0.000363	0.000723	0.0018	0.000101
2098 Apr	14.5	0.0043	0.0435	0.000372	0.000304	0.000184	0.189	0.00000272	0.000364	0.000726	0.00181	0.000101
2098 May	14.2	0.00417	0.0443	0.000407	0.000301	0.000182	0.189	0.00000268	0.000349	0.000761	0.00181	0.0000959
2098 Jun	13.6	0.00407	0.0386	0.0004	0.00029	0.000177	0.181	0.00000245	0.000343	0.000726	0.00164	0.0000939
2098 Jul	14.5	0.00437	0.0405	0.000418	0.00031	0.00019	0.193	0.0000026	0.000369	0.000764	0.00174	0.000101
2098 Aug	14.6	0.0044	0.0411	0.00042	0.000312	0.000191	0.195	0.00000263	0.000372	0.000768	0.00176	0.000102
2098 Sep	13.8	0.00414	0.0405	0.000392	0.000292	0.00018	0.184	0.00000254	0.00035	0.000723	0.00169	0.0000949
2098 Oct	13.4	0.00404	0.0389	0.000356	0.000279	0.000174	0.177	0.00000246	0.000345	0.000671	0.00161	0.0000933
2098 Nov	13.4	0.00408	0.038	0.000337	0.000277	0.000174	0.176	0.00000244	0.00035	0.000647	0.00158	0.0000948
2098 Dec	13.4	0.00407	0.0381	0.000337	0.000276	0.000174	0.176	0.00000244	0.00035	0.000647	0.00158	0.0000947
2099 Jan	13.4	0.00407	0.0381	0.000337	0.000276	0.000174	0.176	0.00000244	0.00035	0.000647	0.00158	0.0000946
2099 Feb	13.4	0.00407	0.0381	0.000337	0.000276	0.000174	0.176	0.00000244	0.00035	0.000648	0.00158	0.0000946
2099 Mar	13.5	0.00408	0.0382	0.000338	0.000277	0.000174	0.176	0.00000245	0.000351	0.000649	0.00158	0.0000948
2099 Apr	13.6	0.00412	0.0385	0.000341	0.000279	0.000175	0.178	0.00000247	0.000353	0.000655	0.00159	0.0000956
2099 May	13.5	0.00412	0.0374	0.000367	0.000281	0.000177	0.18	0.0000024	0.000351	0.000686	0.00156	0.0000941
2099 Jun	13.8	0.00429	0.0352	0.00036	0.00029	0.000182	0.182	0.00000237	0.000367	0.000675	0.00153	0.0000985
2099 Jul	14.4	0.0045	0.037	0.000376	0.000304	0.000191	0.191	0.0000025	0.000385	0.000707	0.00161	0.000103
2099 Aug	15.1	0.00469	0.0388	0.000392	0.000317	0.000199	0.199	0.00000261	0.000402	0.000737	0.00169	0.000108
2099 Sep	14.7	0.00456	0.0385	0.000379	0.000307	0.000193	0.194	0.00000257	0.00039	0.000716	0.00165	0.000104
2099 Oct	14.2	0.0044	0.0382	0.000365	0.000296	0.000187	0.188	0.00000251	0.000377	0.000692	0.00161	0.0001
2099 Nov	13.8	0.00428	0.0382	0.000354	0.000286	0.000182	0.184	0.00000247	0.000367	0.000674	0.00159	0.0000968
2099 Dec	13.8	0.00428	0.0383	0.000353	0.000286	0.000181	0.184	0.00000247	0.000366	0.000673	0.00158	0.0000966

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
Active Closure (2037-2043): Min	40.9	0.026	0.00462	0.000823	8.53	0.0206	3.01	0.000823	0.000823	0.00000412	0.00587	0.00103	0.00775	0.015	0.00000412	13.1	0.0000128	0.000176	0.000117	0.000678	0.0411	0.00000823	0.985	1.59	0.00945	0.000144	3.26	0.000879	0.0404	0.000024	0.0000239	0.000036	0.065	0.00000165	0.00005	0.000183	0.000989	5.02E-15
Active Closure (2037-2043): Mean	57.7	0.0478	0.0129	0.000943	12.5	0.0241	4.8	0.000905	0.000905	0.00000452	0.00637	0.00173	0.00877	0.0225	0.00000453	18.7	0.0000107	0.000265	0.000296	0.000867	0.0655	0.00000901	1.29	2.46	0.0469	0.000221	4.56	0.00121	0.0469	0.000385	0.000158	0.0000705	0.0968	0.00000181	0.000061	0.000654	0.00155	5.91E-15
Active Closure (2037-2043): Max	87.8	0.0933	0.0271	0.00142	17.7	0.0384	9.44	0.000969	0.000969	0.00000484	0.00724	0.00498	0.0104	0.0333	0.00000484	27.2	0.0000193	0.000368	0.000487	0.0011	0.093	0.00000969	1.75	3.66	0.0801	0.000487	6.26	0.00153	0.0543	0.000679	0.000184	0.000102	0.143	0.00000194	0.0000744	0.000985	0.00169	6.3E-15
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	84.1	0.0354	0.0252	0.00137	13.2	0.0243	8.9	0.000916	0.000916	0.0000046	0.00534	0.000886	0.0104	0.0134	0.00000463	12.4	0.0000149	0.000186	0.000153	0.000754	0.04	0.00000698	1.1	1.82	0.0214	0.000202	4.8	0.00131	0.034	0.000151	0.000147	0.0000586	0.071	0.00000185	0.0000609	0.000393	0.00135	5.79E-15
Post Closure (2044-2099): Mean	123	0.0599	0.0701	0.00236	22.9	0.0302	15.5	0.00113	0.000982	0.00000509	0.00615	0.00133	0.0173	0.0203	0.00000507	18.9	0.0000173	0.000375	0.000271	0.000989	0.0561	0.00000828	1.68	2.99	0.0429	0.000363	9.66	0.00202	0.0394	0.000318	0.000187	0.0000944	0.113	0.00000206	0.000125	0.000588	0.00155	0.000068
Post Closure (2044-2099): Max	164	0.0799	0.11	0.00329	27.4	0.0386	27.5	0.00147	0.00108	0.0000056	0.00702	0.00202	0.0301	0.0271	0.0000057	26.4	0.0000207	0.000724	0.000386	0.00129	0.0725	0.00000991	2.5	4.64	0.0658	0.000619	11.7	0.00318	0.0458	0.000485	0.000247	0.000148	0.165	0.00000234	0.000245	0.000789	0.00178	0.000102
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	53.4	0.0546	0.0105	0.000928	12.1	0.027	4.35	0.000928	0.000928	0.00000464	0.00675	0.012	0.00925	0.0213	0.00000464	17.9	0.0000169	0.000254	0.000263	0.000871	0.0624	0.00000928	1.25	2.3	0.0402	0.000266	4.38	0.00116	0.0484	0.00032	0.000142	0.000065	0.0916	0.00000186	0.0000638	0.000583	0.00152	
2026 Feb	53.5	0.0547	0.0105	0.000928	12.1	0.027	4.36	0.000928	0.000928	0.00000464	0.00675	0.012	0.00925	0.0213	0.00000464	18	0.0000169	0.000254	0.000264	0.000871	0.0624	0.00000928	1.25	2.3	0.0403	0.000266	4.38	0.00116	0.0484	0.00032	0.000142	0.000065	0.0917	0.00000186	0.0000639	0.000584	0.00152	
Mar	53.5	0.0547	0.0105	0.000929	12.2	0.027	4.36	0.000929	0.000929	0.00000464	0.00675	0.0124	0.00926	0.0214	0.00000464	18	0.0000167	0.000255	0.000264	0.000872	0.0625	0.00000929	1.26	2.3	0.0404	0.000266	4.39	0.00116	0.0485	0.000321	0.000142	0.000065	0.0918	0.00000186	0.0000639	0.000585	0.00152	
2026 Apr	53.7	0.0549	0.0106	0.000931	12.2	0.0271	4.38	0.000931	0.000931	0.00000466	0.00677	0.0146	0.00928	0.0214	0.00000466	18	0.0000167	0.000256	0.000265	0.000874	0.0627	0.00000931	1.26	2.31	0.0405	0.000267	4.4	0.00117	0.0486	0.000322	0.000142	0.000065	0.0921	0.00000186	0.0000641	0.000587	0.00153	
2026 May	54.3	0.0555	0.0107	0.000941	12.3	0.0274	4.43	0.000941	0.000941	0.0000047	0.00684	0.0152	0.00938	0.0217	0.0000047	18.2	0.0000172	0.000258	0.000268	0.000884	0.0634	0.00000941	1.27	2.34	0.041	0.00027	4.45	0.00118	0.0491	0.000325	0.000144	0.000066	0.0932	0.00000188	0.0000648	0.000593	0.00154	
2026 Jun	49.1	0.0439	0.00966	0.000938	10.6	0.0251	3.79	0.000938	0.000938	0.00000469	0.00686	0.0118	0.00935	0.0189	0.00000469	16	0.0000181	0.000241	0.000225	0.000803	0.0573	0.00000938	1.16	2.03	0.0344	0.000225	3.93	0.00112	0.0473	0.00027	0.000162	0.0000596	0.0813	0.00000188	0.0000602	0.000563	0.00165	
2026 Jul	49.7	0.043	0.00976	0.00097	10.6	0.0257	3.79	0.00097	0.00097	0.00000485	0.00708	0.012	0.00965	0.019	0.00000485	16.1	0.0000188	0.000244	0.000224	0.000816	0.058	0.0000097	1.18	2.04	0.0342	0.000225	3.96	0.00114	0.0486	0.000267	0.000169	0.0000604	0.0817	0.00000194	0.0000613	0.000572	0.00172	
2026 Aug	51.1	0.0446	0.00966	0.00102	11.2	0.0295	3.98	0.00102	0.00102	0.00000511	0.00719	0.0142	0.0105	0.0193	0.00000511	16.5	0.0000177	0.000247	0.000217	0.000852	0.0579	0.0000102	1.22	2.05	0.0322	0.000263	4.13	0.00118	0.0501	0.000246	0.000157	0.0000621	0.0833	0.00000204	0.000064	0.000527	0.00171	
2026 Sep	51.7	0.0734	0.00747	0.00105	12.3	0.0395	4.58	0.00105	0.00105	0.00000523	0.00767	0.0229	0.0119	0.0183	0.00000523	16.4	0.0000147	0.000228	0.000167	0.00092	0.0513	0.0000105	1.2	1.93	0.02	0.000437	4.31	0.00111	0.0533	0.00012	0.0000817	0.0000541	0.0797	0.00000209	0.0000749	0.000325	0.00142	
2026 Oct	50.6	0.101	0.00555	0.000999	12.7	0.0431	4.94	0.000999	0.000999	0.000005	0.00819	0.0113	0.0116	0.0173	0.000005	15.8	0.0000148	0.000205	0.000138	0.00096	0.0475	0.00000999	1.13	1.82	0.012	0.000539	4.26	0.00102	0.0557	0.000044	0.0000352	0.000043	0.0748	0.000002	0.0000829	0.000227	0.00117	
2026 Nov	51.1	0.103	0.00554	0.00101	12.8	0.0437	5	0.00101	0.00101	0.00000504	0.00829	0.0103	0.0117	0.0174	0.00000504	16	0.0000149	0.000206	0.000138	0.000972	0.0478	0.0000101	1.14	1.84	0.0118	0.000548	4.3	0.00102	0.0564	0.00004417	0.0000338	0.0000431	0.0754	0.00000202	0.0000841	0.000225	0.00117	
2026 Dec	51.2	0.104	0.00554	0.00101	12.8	0.0437	5.01	0.00101	0.00101	0.00000504	0.0083	0.0101	0.0117	0.0174	0.00000504	16	0.0000149	0.000206	0.000138	0.000973	0.0479	0.0000101	1.14	1.84	0.0118	0.00055	4.3	0.00102	0.0565	0.0000413	0.0000336	0.0000431	0.0755	0.00000202	0.0000842	0.000225	0.00117	
2027 Jan	51.5	0.104	0.00566	0.00101	12.9	0.0437	5.04	0.00101	0.00101	0.00000504	0.0083	0.01	0.0117	0.0176	0.00000504	16.2	0.0000149	0.000208	0.000142	0.000977	0.0484	0.0000101	1.15	1.86	0.0125	0.000549	4.33	0.00103	0.0566	0.0000445	0.0000343	0.0000434	0.0763	0.00000202	0.0000843	0.000232	0.00117	
2027 Feb	52	0.104	0.00584	0.00101	13.1	0.0435	5.08	0.00101	0.00101	0.00000504	0.00828	0.00999	0.0116	0.0179	0.00000504	16.4	0.000015	0.00021	0.000148	0.000982	0.0492	0.0000101	1.16	1.9	0.0136	0.0005477	4.38	0.00104	0.0566	0.0000495	0.0000353	0.0000438	0.0776	0.00000202	0.0000844	0.000242	0.00118	
2027 Mar	52.4	0.104	0.00597	0.00101	13.2	0.0435	5.12	0.00101	0.00101	0.00000505	0.00829	0.00998	0.0116	0.0182	0.00000505	16.6	0.000015	0.000213	0.000152	0.000987	0.0498	0.0000101	1.17	1.92	0.0143	0.000547	4.42	0.00105	0.0568	0.000053	0.0000361	0.0000442	0.0786	0.00000202	0.0000846	0.000249	0.00118	
2027 Apr	53.3	0.106	0.00613	0.00102	13.4	0.044	5.2	0.00102	0.00102	0.00000511	0.00838	0.0101	0.0118	0.0185	0.00000511	16.9	0.0000152	0.000217	0.000157	0.001	0.0508	0.0000102	1.2	1.97	0.015	0.000553	4.49	0.00106	0.0575	0.00005562	0.0000371	0.000045	0.0802	0.00000204	0.0000856	0.000258	0.00119	
2027 May	55.8	0.109	0.00656	0.00106	14	0.0454	5.43	0.00106	0.00106	0.00000531	0.00869	0.0259	0.0122	0.0195	0.00000531	17.7	0.0000159	0.000228	0.000168	0.00104	0.0535	0.0000106	1.25	2.07	0.0167	0.000571	4.71	0.00111	0.0598	0.0000673	0.0000405	0.0000476	0.0845	0.00000212	0.0000889	0.000279	0.00125	
2027 Jun	40.9	0.0377	0.00692	0.000979	8.14	0.0262	2.96	0.000979	0.000979	0.0000049	0.00749	0.0204	0.0102	0.0136	0.0000049	12	0.0000198	0.000205	0.000125	0.00071	0.0446	0.00000979	0.967	1.44	0.0168	0.000226	3.11	0.00101	0.0476	0.000106	0.00017	0.0000443	0.059	0.00000196	0.0000592	0.000437	0.00178	
2027 Jul	37.2	0.017	0.00699	0.001	6.49	0.022	2.27	0.001	0.001	0.000005	0.00746	0.00737	0.0101	0.0119	0.000005	10.4	0.0000217	0.000201	0.000107	0.000636	0.0426	0.00001	0.902	1.25	0.0156	0.000134	2.69	0.00101	0.0459	0.000105	0.000213	0.0000436	0.0515	0.000002	0.0000526	0.00048	0.00202	
2027 Aug	42.7	0.0291	0.0071	0.00107	8.73	0.032	3.08	0.00107	0.00107	0.00000537	0.00729	0.0138	0.0119	0.014	0.00000537	12.6	0.0000168	0.000212	0.000112	0.000736	0.0432	0.0000107	1.04	1.44	0.0144	0.000264	3.35	0.00108	0.048	0.00000798	0.000155	0.0000505	0.0612	0.00000215	0.0000597	0.000356	0.00181	
2027 Sep	49.1	0.0908	0.00544	0.00101	12.2	0.0436	4.71	0.00101	0.00101	0.00000505	0.00781	0.0116	0.012	0.0165	0.00000505	15.3	0.0000131	0.000202	0.000122	0.000921	0.0443	0.0000101	1.12	1.72	0.0101	0.000527	4.14	0.00101	0.0535	0.0000243	0.0000335	0.0000444	0.0718	0.00000202	0.0000792	0.000187	0.00118	
2027 Oct	50.6	0.11	0.005	0.000994	12.9	0.0446	5.07	0.000994	0.000994	0.00000497	0.00839	0.0072	0.0116	0.017	0.00000497	15.7	0.0000148	0.000199	0.000129	0.000978	0.0465	0.00000994	1.12	1.8	0.00947	0.000574	4.27	0.000994	0.0568	0.0000193	0.0000209	0.00004	0.0737	0.00000199	0.0000858	0.000195	0.0011	
2027 Nov	50.8	0.111	0.005	0.000996	12.9	0.0447	5.1	0.000996	0.000996	0.00000498	0.00843	0.00489	0.0116	0.0171	0.00000498	15.8	0.0000148	0.000199	0.000129	0.000982	0.0467	0.0000996	1.12	1.81	0.00948	0.000577	4.28	0.000996	0.0571	0.0000192	0.0000205	0.00004	0.074	0.00000199	0.0000863	0.000196	0.0011	
2027 Dec	50.7	0.111	0.00499	0.000995	12.9	0.0447	5.1	0.000995	0.000995	0.00000498	0.00843	0.00456	0.0116	0.0171	0.00000498	15.8	0.0000148	0.000199	0.000129	0.000982	0.0467	0.0000995	1.12	1.81	0.00948	0.000577	4.28	0.000995	0.057	0.0000191	0.0000205	0.00004	0.0739	0.00000199	0.0000862	0.000196	0.0011	
2028 Jan	51.8	0.111	0.00538	0.000996	13.2	0.0444	5.18	0.000996	0.000996	0.00000498	0.0084	0.00447	0.0116	0.0177	0.00000498	16.3	0.0000149	0.000205	0.000141	0.000993	0.0483	0.00000996	1.15	1.88	0.0117	0.000574	4.38	0.00101	0.0572	0.0000299	0.0000229	0.000041	0.0767	0.00000199	0.0000864	0.000218	0.00111	
2028 Feb	53.4	0.112	0.00595	0.000996	13.6	0.044	5.31	0.000996	0.000996	0.00000498	0.00836	0.00444	0.0115	0.0187	0.00000498	17	0.000015	0.000213	0.000159	0.00101	0.0507	0.0000996	1.19	1.99	0.015	0.00057	4.52	0.00104	0.0574	0.00004457	0.0000264	0.0000425	0.0807	0.00000199	0.0000867	0.00025	0.00112	
2028 Mar	54.5	0.112	0.00632	0.000996	13.8	0.0438	5.39	0.000996	0.000996	0.00000498	0.00834	0.00443	0.0114	0.0193	0.00000498	17.4	0.0000151	0.000219	0.000171	0.00102	0.0523	0.00000996	1.21	2.06	0.0172	0.000567	4.61	0.00106	0.0576	0.00006	0.0000287	0.0000435	0.0833	0.00000199	0.0000869	0.000271	0.00112	
2028 Apr	55.8	0.113	0.00665	0.00101	14.2	0.044	5.51	0.00101	0.00101	0.00000503	0.0084	0.00446	0.0115	0.0199	0.00000503	18	0.0000153	0.000225	0.000182	0.00104	0.054	0.0000101	1.24	2.13	0.0189	0.00057	4.72	0.00108	0.0583	0.00006641	0.0000307	0.0000447	0.0861	0.00000201	0.0000879	0.000289	0.00114	
2028 May	58.6	0.118	0.00711	0.00105	14.9	0.0457	5.77	0.00105	0.00105	0.00000525	0.00874	0.0222	0.012	0.0211	0.00000525	18.9	0.000016	0.000237	0.000195	0.00109	0.0571	0.0000105	1.31	2.25	0.0208	0.000592	4.97	0.00114	0.0608	0.00007038	0.0000336	0.0000473	0.0909	0.00000201	0.0000916	0.000312	0.00119	
2028 Jun	40.9	0.0365	0.00698	0.000993	8.03	0.0259	2.91	0.000993	0.000993	0.00000496	0.00762	0.0331	0.0103	0.0136	0.00000496	11.9	0.0000205	0.000207	0.000124	0.000711	0.0449	0.00000993	0.969	1.43	0.0168	0.000219	3.09	0.00102	0.0481	0.000099	0.000178	0.0000437	0.0587	0.00000199	0.0000593	0.000449	0.00184	
2028 Jul	38.2	0.0115	0.00734	0.00107	6.42	0.0228	2.23	0.00107	0.00107	0.00000533	0.00779	0.00862	0.0105	0.0122	0.00000533	10.5	0.0000228	0.000207	0.000108	0.000661	0.0447	0.0000107	0.938	1.27	0.0159	0.000117	2.75	0.00106	0.0481	0.00011	0.000233	0.0000459	0.0525	0.00000213	0.0000537	0.000506	0.00217	
2028 Aug	44.7	0.0227	0.00778	0.00118	8.68	0.0327	3.06	0.00118	0.00118	0.00000591	0.00801	0.0289	0.0125	0.0147	0.00000591	13	0.0000196	0.000225	0.000119	0.00079	0.0481	0.0000118	1.1	1.51	0.0158	0.000233	3.47	0.00117	0.0526	0.0000977	0.000192	0.0000539	0.0637	0.00000236	0.0000626	0.000422	0.00209	
2028 Sep	48.2	0.0694	0.00628	0.00108	11.2	0.0404	4.21	0.00108	0.00108	0.00000541	0.00801	0.0262	0.0123	0.0161	0.00000541	14.7	0.0000156	0.000212	0.000123	0.000891	0.0463	0.0000108	1.13	1.67	0.0121	0.000434	3.97	0.00108	0.0541	0.00004497	0.0000882	0.0000477	0.0699	0.00000216	0.0000748	0.000271	0.0015	
2028 Oct	49.9	0.107	0.005	0.000987	12.6	0.0438	4.97	0.000987	0.000987	0.00000494	0.0083	0.0047	0.0115	0.0168	0.00000494	15.5	0.0000148	0.000197	0.000127	0.000964	0.0461	0.00000987	1.11	1.77	0.00952	0.00056	4.2	0.000987	0.0562	0.000021	0.0000248	0.0000398	0.0727	0.00000197	0.0000844	0.000199	0.00111	
2028 Nov	50.4	0.109	0.00504	0.000996	12.8	0.0443	5.03	0.000996	0.000996	0.00000498	0.00839	0.00421	0.0116	0.017	0.00000498	15.7	0.0000149	0.000199	0.000128	0.000974	0.0465	0.00000996	1.12	1.79	0.00958	0.000567	4.25	0.000996	0.0567	0.00002008	0.0000242	0.0000401	0.0734	0.00000199	0.0000854	0.0002	0.00112	
2028 Dec	50.5	0.109	0.00504	0.000997	12.8	0.0444	5.04	0.000997	0.000997	0.00000499	0.0084	0.00416	0.0116	0.017	0.00000499	15.7	0.0000149	0.000199	0.000129	0.000976	0.0466	0.00000997	1.12	1.8	0.00959	0.000568	4.25	0.000997	0.0568	0.00002008	0.0000242	0.0000402	0.0735	0.00000199	0.0000855	0.0002	0.00112	
2029 Jan	50.8	0.109	0.00515	0.000997	12.9	0.0443	5.06	0.000997	0.000997	0.00000499	0.00839	0.00414	0.0116	0.0172	0.00000499	15.8	0.0000149	0.000201	0.000132	0.000976	0.0467	0.00000997	1.13	1.82	0.0102	0.000568	4.28	0.001	0.0569	0.00002238	0.0000248	0.0000405	0.0743	0.00000199	0.0000856	0.000206	0.00112	
2029 Feb	51.2	0.109	0.0053	0.000997	13	0.0442	5.1	0.000997	0.000997	0.00000499	0.00838	0.00413	0.0116	0.0174	0.00000499	16	0.000015	0.000203	0.000137	0.000983	0.0477	0.00000997	1.14	1.85	0.0111	0.000566	4.32	0.00101	0.0569	0.00002028	0.0000258	0.0000409	0.0754	0.00000199	0.0000857	0.000215	0.00112	
2029 Mar	51.5	0.109	0.00541	0.000998	13	0.0441	5.12	0.000998	0.000998	0.00000499	0.00838	0.00413	0.0116	0.0176	0.00000499	16.2	0.000015	0.000205	0.00014	0.000986	0.0482	0.00000998	1.15	1.86	0.0117	0.000566	4.35	0.00101	0.057	0.00003097	0.0000264	0.0000412	0.0761	0.000002	0.0000857	0.000221	0.00113	
2029 Apr	51.9	0.109	0.00549	0.001	13.1	0.0442	5.15	0.001	0.001	0.000005	0.0084	0.00414	0.0116	0.0178	0.000005	16.3	0.000015	0.000206	0.000143	0.000991	0.0486	0.00001	1.15	1.88	0.0122	0.000567	4.38	0.00102	0.0572	0.00003331	0.0000269	0.0000415	0.0769	0.000002	0.0000886	0.000225	0.00113	
2029 May	53.1	0.112	0.00566	0.00102	13.4	0.045	5.27	0.00102	0.00102	0.00000511	0.00857	0.00544	0.0118	0.0182	0.00000511	16.7	0.0000154	0.000211	0.000147	0.00101	0.0498	0.0000102	1.18	1.93	0.0127	0.000578	4.48	0.00104	0.0584	0.00003555	0.0000279	0.0000425	0.0788	0.00000204	0.0000878	0.000233	0.00116	
2029 Jun	48	0.0747	0.00645	0.00104	10.9	0.0363	4.15	0.00104	0.00104	0.00000521	0.00836	0.0289	0.0114	0.0161	0.00000521	14.5	0.0000186	0.000214	0.000136	0.000881	0.0484	0.0000104	1.1	1.7	0.0146	0.000404	3.85	0.00106	0.0548	0.00006689	0.000109	0.0000444	0.0697	0.00000208	0.0000754	0.000351	0.00156	
2029 Jul	33.7	0.00997	0.00654	0.000943	5.6	0.0195	1.93	0.000943	0.000943	0.00000471	0.00696	0.00187	0.00937	0.0107	0.00000471	9.26	0.0000207	0.000186	0.0000946	0.000575	0.0393	0.00000943	0.826	1.11	0.0141	0.0000998	2.4	0.000941	0.0425	0.00000972	0.000211	0.0000405	0.0461	0.00000189	0.0000474	0.000459	0.00195	
2029 Aug	37.6	0.0159	0.00688	0.00102	6.85	0.0248	2.39	0.00102	0.00102	0.00000508	0.0072	0.00586	0.0105	0.0121	0.00000508	10.7	0.0000195	0.000198	0.000102	0.00065	0.0417	0.0000102	0.924	1.25	0.0144	0.000161	2.8	0.00101	0.0455	0.00009923	0.000194	0.0000453	0.0525	0.00000203	0.0000527	0.000425	0.00194	
2029 Sep	46.4	0.0676	0.00609	0.00104	10.7	0.0381	4.02	0.00104	0.00104	0.00000521	0.00787	0.0181	0.0118	0.0154	0.00000521	14.1	0.000016	0.000206	0.000119	0.000853	0.0448	0.0000104	1.08	1.61	0.0119	0.000412	3.78	0.00104	0.0524	0.0000494	0.0000927	0.0000455	0.067	0.00000208	0.0000723	0.00028	0.00149	
2029 Oct	49.1	0.0975	0.00529

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2032 Jun	40.4	0.0397	0.00661	0.000978	8.05	0.0266	2.95	0.000978	0.000978	0.00000489	0.00755	0.012	0.0102	0.0133	0.00000489	11.8	0.0000198	0.000201	0.000118	0.00071	0.0436	0.00000978	0.952	1.4	0.0152	0.000236	3.07	0.000994	0.0477	0.0000911	0.000165	0.0000426	0.0575	0.00000196	0.0000598	0.000419	0.00177	
2032 Jul	32.7	0.0124	0.00622	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00667	0.00316	0.00898	0.0104	0.0000045	9.04	0.0000196	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.0135	0.000108	2.35	0.000899	0.0409	0.0000919	0.000196	0.0000387	0.0449	0.0000018	0.0000462	0.000432	0.00183	
2032 Aug	37.9	0.0237	0.00638	0.000971	7.65	0.0284	2.69	0.000971	0.000971	0.00000486	0.00658	0.00658	0.0107	0.0124	0.00000486	11.1	0.0000154	0.00019	0.0000987	0.000658	0.0389	0.00000971	0.929	1.27	0.0128	0.000226	2.97	0.000969	0.0432	0.0000721	0.000145	0.0000452	0.0542	0.00000194	0.0000531	0.000325	0.00166	
2032 Sep	46.7	0.0608	0.00616	0.00104	11.1	0.0413	4.1	0.00104	0.00104	0.00000552	0.00709	0.0212	0.0126	0.0156	0.00000552	14.4	0.0000116	0.000207	0.000113	0.000835	0.0418	0.0000104	1.11	1.6	0.0112	0.000441	3.91	0.00104	0.0492	0.000036	0.0000626	0.0000497	0.0685	0.00000208	0.0000692	0.000195	0.00135	
2032 Oct	49.3	0.0819	0.00584	0.00105	12.1	0.0436	4.58	0.00105	0.00105	0.00000523	0.00778	0.0246	0.0125	0.0165	0.00000523	15.3	0.0000131	0.000208	0.000122	0.000912	0.0446	0.0000105	1.14	1.72	0.0108	0.000504	4.14	0.00105	0.0534	0.0000302	0.0000476	0.0000047	0.0722	0.00000209	0.0000775	0.0002	0.00128	
2032 Nov	50	0.0929	0.00555	0.00103	12.4	0.0441	4.79	0.00103	0.00103	0.00000515	0.00804	0.0162	0.0122	0.0168	0.00000515	15.5	0.0000138	0.000206	0.000125	0.000941	0.0455	0.0000103	1.14	1.76	0.0103	0.000533	4.21	0.00103	0.0549	0.0000262	0.0000377	0.0000445	0.073	0.00000206	0.0000881	0.000199	0.00122	
2032 Dec	50	0.101	0.00524	0.00101	12.6	0.0441	4.91	0.00101	0.00101	0.00000503	0.00818	0.00892	0.0118	0.0168	0.00000503	15.6	0.0000143	0.000201	0.000126	0.000955	0.0458	0.0000101	1.12	1.77	0.00983	0.0005551	4.22	0.00101	0.0556	0.0000226	0.000029	0.000042	0.073	0.00000201	0.0000831	0.000196	0.00115	
2033 Jan	51.6	0.102	0.00575	0.00101	13	0.0438	5.04	0.00101	0.00101	0.00000503	0.00816	0.00853	0.0117	0.0177	0.00000503	16.2	0.0000144	0.000209	0.000143	0.000971	0.0481	0.0000101	1.16	1.87	0.0129	0.000549	4.35	0.00103	0.0559	0.0000371	0.0000318	0.0000433	0.0768	0.00000201	0.0000835	0.000226	0.00116	
2033 Feb	53.5	0.103	0.00641	0.00101	13.5	0.0433	5.19	0.00101	0.00101	0.00000503	0.00812	0.00842	0.0117	0.0188	0.00000503	17.1	0.0000145	0.000219	0.000164	0.000991	0.051	0.0000101	1.2	2	0.0167	0.000544	4.52	0.00106	0.0562	0.0000555	0.0000358	0.0000451	0.0815	0.00000201	0.0000839	0.000264	0.00117	
2033 Mar	54.7	0.103	0.0068	0.00101	13.8	0.0432	5.29	0.00101	0.00101	0.00000505	0.00812	0.00838	0.0116	0.0195	0.00000505	17.6	0.0000146	0.000225	0.000177	0.001	0.0527	0.0000101	1.23	2.07	0.019	0.000542	4.62	0.00108	0.0566	0.0000662	0.0000382	0.0000462	0.0844	0.00000202	0.0000843	0.000286	0.00117	
2033 Apr	56.2	0.105	0.00715	0.00102	14.1	0.0437	5.42	0.00102	0.00102	0.00000512	0.00822	0.00846	0.0118	0.0202	0.00000512	18.2	0.0000149	0.000232	0.000188	0.00103	0.0546	0.0000102	1.27	2.15	0.0207	0.000549	4.76	0.00111	0.0575	0.0000074	0.0000402	0.0000475	0.0875	0.00000205	0.0000857	0.000304	0.0012	
2033 May	70.7	0.0926	0.0135	0.00103	17.2	0.035	6.26	0.00103	0.00103	0.00000516	0.00775	0.0195	0.0107	0.0292	0.00000516	24.7	0.0000177	0.000323	0.000376	0.0013	0.0801	0.0000103	1.63	3.18	0.0569	0.000418	5.95	0.00141	0.0585	0.000427	0.000117	0.0000812	0.126	0.00000207	0.000083	0.000708	0.00147	
2033 Jun	68.7	0.0556	0.0162	0.000932	15.8	0.0211	5.45	0.000932	0.000932	0.00000466	0.00653	0.00932	0.00853	0.0302	0.00000466	24.6	0.0000193	0.000343	0.000441	0.001	0.0857	0.00000932	1.61	3.32	0.0731	0.0002	5.66	0.00143	0.0508	0.0000618	0.000194	0.000094	0.13	0.00000186	0.0000656	0.000937	0.00169	
2033 Jul	69.9	0.0545	0.0163	0.001	15.9	0.0231	5.5	0.001	0.001	0.00000501	0.00696	0.0111	0.00916	0.0304	0.00000501	24.8	0.0000203	0.000348	0.000435	0.00104	0.0871	0.00001	1.65	3.33	0.0719	0.000207	5.75	0.00148	0.0537	0.0000606	0.000204	0.0000951	0.131	0.000002	0.0000684	0.000938	0.00181	
2033 Aug	72.5	0.0576	0.0158	0.00115	16.7	0.0317	5.83	0.00115	0.00115	0.00000574	0.00757	0.0221	0.0112	0.0306	0.00000574	25.4	0.0000192	0.000351	0.000409	0.00113	0.0869	0.0000115	1.73	3.31	0.0658	0.000285	6.05	0.00156	0.0587	0.000544	0.000188	0.0000971	0.132	0.00000229	0.0000757	0.000845	0.00189	
2033 Sep	51.6	0.0995	0.00598	0.000997	13	0.043	5.01	0.000997	0.000997	0.00000498	0.00801	0.00928	0.0116	0.0179	0.00000498	16.3	0.0000142	0.000221	0.00015	0.000965	0.0487	0.00000997	1.16	1.89	0.0143	0.000535	4.36	0.00103	0.0552	0.0000647	0.000345	0.0000458	0.0776	0.00000199	0.0000821	0.000239	0.00116	
2033 Oct	48.3	0.106	0.00476	0.000946	12.3	0.0425	4.86	0.000946	0.000946	0.00000473	0.00803	0.00288	0.011	0.0163	0.00000473	15.1	0.0000142	0.000189	0.000124	0.000936	0.0445	0.00000946	1.07	1.72	0.00911	0.00055	4.08	0.000947	0.0544	0.0000191	0.0000193	0.000038	0.0705	0.00000189	0.0000822	0.000187	0.00105	
2033 Nov	48.8	0.107	0.00479	0.000954	12.4	0.0429	4.9	0.000954	0.000954	0.00000477	0.0081	0.00249	0.0111	0.0164	0.00000477	15.2	0.0000143	0.000191	0.000124	0.000944	0.0449	0.00000954	1.08	1.74	0.00916	0.000555	4.11	0.000955	0.0548	0.000019	0.0000194	0.0000383	0.0711	0.00000191	0.0000829	0.000189	0.00106	
2033 Dec	48.8	0.107	0.0048	0.000956	12.4	0.043	4.91	0.000956	0.000956	0.00000478	0.00811	0.00248	0.0111	0.0165	0.00000478	15.2	0.0000143	0.000191	0.000125	0.000946	0.0449	0.00000956	1.08	1.74	0.00917	0.000556	4.12	0.000956	0.0549	0.000019	0.0000194	0.0000383	0.0712	0.00000191	0.000083	0.000189	0.00106	
2034 Jan	49	0.107	0.00485	0.000956	12.5	0.0429	4.92	0.000956	0.000956	0.00000478	0.00811	0.00248	0.0111	0.0165	0.00000478	15.3	0.0000143	0.000192	0.000126	0.000947	0.0452	0.00000956	1.08	1.75	0.00946	0.000555	4.13	0.000959	0.0549	0.0000204	0.0000197	0.0000385	0.0715	0.00000191	0.0000831	0.000192	0.00106	
2034 Feb	49.2	0.107	0.00492	0.000956	12.5	0.0429	4.94	0.000956	0.000956	0.00000478	0.00811	0.00248	0.0111	0.0167	0.00000478	15.4	0.0000143	0.000193	0.000129	0.000949	0.0455	0.00000956	1.09	1.76	0.00989	0.000555	4.15	0.000963	0.055	0.0000224	0.0000202	0.0000387	0.0721	0.00000191	0.0000831	0.000196	0.00106	
2034 Mar	49.4	0.107	0.00497	0.000957	12.6	0.0429	4.95	0.000957	0.000957	0.00000478	0.00811	0.00248	0.0111	0.0168	0.00000478	15.4	0.0000144	0.000194	0.00013	0.000951	0.0457	0.00000957	1.09	1.77	0.0102	0.000555	4.17	0.000966	0.055	0.0000238	0.0000205	0.0000388	0.0724	0.00000191	0.0000832	0.000199	0.00106	
2034 Apr	49.9	0.109	0.00506	0.000966	12.7	0.0433	5.01	0.000966	0.000966	0.00000483	0.00818	0.0025	0.0112	0.017	0.00000483	15.6	0.0000145	0.000196	0.000133	0.000961	0.0463	0.00000966	1.11	1.8	0.0105	0.00056	4.21	0.000976	0.0556	0.000025	0.0000209	0.0000393	0.0734	0.00000193	0.000084	0.000203	0.00107	
2034 May	55.2	0.108	0.00685	0.001	13.9	0.0425	5.38	0.001	0.001	0.000005	0.00831	0.0153	0.0113	0.0198	0.000005	17.8	0.0000156	0.000226	0.000185	0.00102	0.0542	0.00001	1.23	2.12	0.02	0.000544	4.66	0.00108	0.0575	0.000112	0.0000408	0.0000489	0.0856	0.000002	0.0000859	0.000311	0.00117	
2034 Jun	71.7	0.0771	0.0155	0.000969	17.1	0.0273	6.05	0.000969	0.000969	0.00000485	0.00709	0.00816	0.00929	0.031	0.00000485	25.6	0.0000187	0.000343	0.000433	0.00109	0.0861	0.00000969	1.66	3.39	0.0694	0.000307	5.99	0.00144	0.055	0.000579	0.000157	0.0000923	0.133	0.00000194	0.000075	0.000865	0.00156	
2034 Jul	69	0.0704	0.0147	0.001	16.3	0.0289	5.8	0.001	0.001	0.00000502	0.00712	0.00893	0.00946	0.0296	0.00000502	24.4	0.0000182	0.000325	0.000403	0.00108	0.0834	0.00001	1.61	3.22	0.0639	0.000298	5.79	0.00143	0.0554	0.000534	0.000156	0.0000887	0.127	0.00000201	0.0000741	0.000807	0.00159	
2034 Aug	73.5	0.0746	0.0147	0.00117	17.5	0.0376	6.23	0.00117	0.00117	0.00000584	0.00788	0.0189	0.0119	0.0305	0.00000584	25.6	0.0000176	0.000342	0.000387	0.00118	0.0845	0.0000117	1.73	3.28	0.0597	0.000384	6.21	0.00154	0.0611	0.0000484	0.000146	0.0000935	0.131	0.00000234	0.0000825	0.000739	0.00173	
2034 Sep	53.9	0.103	0.00652	0.00102	13.5	0.0436	5.22	0.00102	0.00102	0.00000511	0.00821	0.01	0.0117	0.019	0.00000511	17.2	0.0000148	0.000221	0.000167	0.001	0.0519	0.0000102	1.21	2.02	0.0171	0.000543	4.56	0.00108	0.057	0.0000897	0.0000391	0.0000487	0.0823	0.00000204	0.0000845	0.000272	0.00119	
2034 Oct	50.9	0.112	0.00499	0.000996	13	0.0448	5.12	0.000996	0.000996	0.00000498	0.00846	0.00272	0.0116	0.0171	0.00000498	15.8	0.0000149	0.000199	0.00013	0.000986	0.0469	0.00000996	1.13	1.81	0.00953	0.00058	4.29	0.000997	0.0573	0.0000196	0.0000201	0.0000399	0.0742	0.00000199	0.0000866	0.000197	0.0011	
2034 Nov	51.7	0.114	0.00507	0.00101	13.2	0.0455	5.2	0.00101	0.00101	0.00000506	0.0086	0.00224	0.0118	0.0174	0.00000506	16.1	0.0000152	0.000203	0.000132	0.001	0.0476	0.00001	1.14	1.84	0.00967	0.000589	4.36	0.00101	0.0582	0.0000197	0.0000204	0.0000405	0.0754	0.00000203	0.0000881	0.0002	0.00112	
2034 Dec	51.8	0.114	0.00507	0.00101	13.2	0.0456	5.21	0.00101	0.00101	0.00000507	0.00861	0.00221	0.0118	0.0174	0.00000507	16.1	0.0000152	0.000203	0.000132	0.001	0.0476	0.0000101	1.15	1.85	0.00967	0.00059	4.37	0.00101	0.0583	0.0000197	0.0000204	0.0000406	0.0754	0.00000203	0.0000881	0.0002	0.00112	
2035 Jan	52.2	0.114	0.00521	0.00101	13.3	0.0455	5.24	0.00101	0.00101	0.00000507	0.0086	0.0022	0.0118	0.0177	0.00000507	16.3	0.0000152	0.000205	0.000136	0.00101	0.0482	0.0000101	1.15	1.87	0.0105	0.000589	4.4	0.00102	0.0583	0.0000236	0.0000213	0.0000409	0.0764	0.00000203	0.0000882	0.000208	0.00112	
2035 Feb	52.7	0.114	0.00541	0.00101	13.4	0.0453	5.28	0.00101	0.00101	0.00000507	0.00858	0.00221	0.0118	0.018	0.00000507	16.5	0.0000152	0.000208	0.000143	0.00101	0.0491	0.0000101	1.17	1.91	0.0117	0.000587	4.45	0.00103	0.0584	0.0000292	0.0000225	0.0000415	0.0778	0.00000203	0.0000883	0.000219	0.00112	
2035 Mar	53.1	0.114	0.00555	0.00101	13.5	0.0453	5.31	0.00101	0.00101	0.00000507	0.00858	0.00221	0.0117	0.0182	0.00000507	16.7	0.0000153	0.00021	0.000147	0.00102	0.0497	0.0000101	1.18	1.93	0.0124	0.000586	4.49	0.00104	0.0585	0.0000329	0.0000233	0.0000419	0.0788	0.00000203	0.0000884	0.000227	0.00113	
2035 Apr	53.9	0.115	0.0057	0.00102	13.7	0.0456	5.39	0.00102	0.00102	0.00000512	0.00866	0.00224	0.0118	0.0186	0.00000512	17	0.0000154	0.000213	0.000152	0.00103	0.0506	0.0000102	1.2	1.97	0.0131	0.000591	4.55	0.00105	0.0591	0.0000359	0.0000242	0.0000425	0.0803	0.00000205	0.0000893	0.000235	0.00114	
2035 May	57.8	0.119	0.00661	0.00107	14.6	0.0468	5.71	0.00107	0.00107	0.00000535	0.00898	0.023	0.0123	0.0203	0.00000535	18.4	0.0000164	0.000232	0.000177	0.00109	0.0554	0.0000107	1.28	2.16	0.0174	0.000604	4.88	0.00113	0.0617	0.0000712	0.0000328	0.0000477	0.0877	0.00000214	0.0000929	0.000285	0.00122	
2035 Jun	51.7	0.0395	0.011	0.000946	12	0.0446	4.98	0.000946	0.000946	0.00000473	0.00695	0.008	0.0092	0.0204	0.00000473	17	0.0000151	0.000263	0.000261	0.00124	0.0618	0.0000946	1.22	2.21	0.0417	0.000183	4.08	0.00118	0.0478	0.0000337	0.0001192	0.0000658	0.0878	0.00000189	0.0000592	0.000672	0.00178	
2035 Jul	50.8	0.0354	0.0107	0.000999	10.5	0.0229	3.65	0.000999	0.000999	0.000005	0.00731	0.00852	0.00974	0.0195	0.000005	16.4	0.0000211	0.000261	0.00024	0.000807	0.0607	0.00000999	1.21	2.1	0.0382	0.000176	3.96	0.0012	0.0494	0.000306	0.000205	0.0000642	0.084	0.000002	0.0000601	0.00066	0.00191	
2035 Aug	52.1	0.0432	0.00901	0.00112	11.8	0.038	4.2	0.00112	0.00112	0.00000558	0.0071	0.0146	0.0125	0.019	0.00000558	16.7	0.0000137	0.000245	0.000183	0.000887	0.0535	0.0000112	1.27	1.97	0.0253	0.000347	4.34	0.00121	0.0512	0.000172	0.00012	0.0000645	0.0827	0.00000223	0.000067	0.000379	0.00165	
2035 Sep	49.7	0.101	0.00519	0.000993	12.6	0.0442	4.91	0.000993	0.000993	0.00000496	0.00799	0.00635	0.0118	0.0168	0.00000496	15.5	0.0000134	0.000199	0.000126	0.000947	0.0451	0.00000993	1.12	1.76	0.00982	0.000554	4.21	0.000995	0.0547	0.0000221	0.0000223	0.0000421	0.0729	0.00000199	0.0000821	0.000182	0.00111	
2035 Oct	50	0.11	0.00491	0.00098	12.7	0.0441	5.03	0.00098	0.00098	0.0000049	0.00831	0.00553	0.0114	0.0168	0.0000049	15.6	0.0000146	0.000196	0.000127	0.000969	0.046	0.0000098	1.11	1.78	0.00932	0.00057	4.22	0.00098	0.0562	0.0000187	0.0000197	0.0000393	0.0729	0.00000196	0.0000851	0.000192	0.00108	
2035 Nov	49.1	0.108	0.00481	0.000962	12.5	0.0433	4.94	0.000962	0.000962	0.00000481	0.00817	0.00235	0.0112	0.0165	0.00000481	15.3	0.0000144	0.000192	0.000125	0.000952	0.0452	0.0000962	1.09	1.75	0.00915	0.00056	4.15	0.000962	0.0553	0.0000183	0.0000193	0.0000385	0.0716	0.00000192	0.0000837	0.000189	0.00106	
2035 Dec	49.4	0.109	0.00484	0.000967	12.6	0.0435	4.97	0.000967	0.000967	0.00000483	0.00821	0.00225	0.0113	0.0166	0.00000483	15.4	0.0000145	0.000193	0.000126	0.000957	0.0454	0.0000967	1.09	1.76	0.00919	0.000563	4.17	0.000967	0.0556	0.0000184	0.0000194	0.0000387	0.0719	0.00000193	0.0000841	0.00019	0.00107	
2036 Jan	50	0.109	0.00506	0.000967	12.7	0.0434	5.02	0.000967	0.000967	0.00000484	0.0082	0.00224	0.0112	0.017	0.00000484	15.6	0.0000145	0.000197	0.000133	0.000963	0.0464	0.00000967	1.11	1.8	0.0105	0.000561	4.22	0.000978	0.0557	0.0000245	0.0000207	0.0000393	0.0735	0.00000193	0.0000842	0.000203	0.00107	
2036 Feb	50.9	0.109	0.00537	0.000968	12.9	0.0431	5.09	0.000968	0.000968	0.00000484	0.00818	0.00224	0.0112	0.0175	0.00000484	16	0.0000146	0.000201	0.000143	0.000972	0.0477	0.00000968	1.13	1.86	0.0123	0.000559	4.3	0.000993	0.0558	0.0000331	0.0000227	0.0000401	0.0757	0.00000194	0.0000843	0.00022	0.00108	
2036 Mar	51.4	0.109	0.00556	0.000968	13.1	0.043	5.13	0.000968	0.000968	0.00000484	0.00817	0.00224	0.0112	0.0178	0.00000484	16.3	0.0000146	0.000204	0.000149	0.000977	0.0486	0.00000968	1.14	1.9	0.0134	0.000557	4.35	0.001	0.0559	0.0000386	0.0000239	0.0000407	0.0771	0.00000194	0.0000844	0.000232	0.00108	
2036 Apr	52.9	0.111	0.00589	0.000983	13.5	0.0435	5.26	0.000983	0.000983	0.00000492	0.00828	0.014	0.0113	0.0185	0.00000492	16.8	0.0000149	0.000211	0.000159	0.000999	0.0503	0.00000983	1.17	1.97	0.015	0.000564	4.48	0.00103	0.0569	0.0000457	0.0000257	0.0000042	0.08	0.00000197	0.0000859	0.000248	0.0011	
2036 May	57.4	0.118	0.00663	0.00105	14.6	0.0461	5.68	0.00105	0.00105	0.00000524	0.0088	0.0471	0.012	0.0203	0.00000524	18.4	0.0000159	0.00023	0.00018	0.00107	0.0551	0.0000105	1.28	2.16	0.018	0.000598	4.85	0.00111	0.0608	0.0000606	0.0000301	0.0000459	0.0877	0.0000021	0.0000917	0.000285	0.00118	
2036 Jun	41.1	0.0359	0.00711	0.000988	8.06	0.0255	2.92	0.000988	0.000988	0.00000494	0.00757	0.0129	0.0102	0.0137	0.00000494	12	0.0000204	0.000208	0.000129	0.000709	0.0453	0.00000988	0.973	1.45	0.0176	0.000214	3.1	0.00102	0.0478	0.0000111	0.000179	0.0000446	0.0593	0.00000198	0.0000589	0.000457	0.00183	
2036 Jul	37.8	0.0152	0.00703	0.00103	6.7	0.0242	2.38	0.00103	0.00103	0.00000517	0.00742	0.00653	0.0101	0.0124	0.00000517	10.7	0.0000208	0.000197	0.000109	0.000676	0.0445	0.0000103	0.931	1.29	0.0156	0.000138	2.82	0.00103	0.0472	0.0000109	0.0002007	0.0000449	0.0532	0.00000207	0.0000536	0.000459	0.0201	
2036 Aug	44.4	0.0237	0.00765	0.00117	8.72	0.0332	3.13	0.00117	0.00117	0.00000586	0.00788	0.018	0.012	0.0149	0.00000586	13	0.000019	0.000217	0.000122	0.000809	0.0491	0.0000117	1.1	1.53	0.0161	0.000233	3.51	0.00116	0.0528	0.000104	0.000184	0.0000531	0.0641	0.00000235	0.0000627	0.000409	0.00203	
2036 Sep	47.3	0.0705	0.00596	0.00104	11.3	0.0412	4.26	0.00104	0.00104	0.0000052	0.00754	0.0183	0.0121	0.0159	0.0000052	14.6	0.0000134	0.000203	0.000119	0.000876	0.0442	0.0000104	1.11	1.65	0.0113	0.000451	3.96	0.00104	0.0519	0.000041	0.0000646	0.000047	0.0693	0.00000208	0.0000731	0.00022	0.00135	
2036 Oct	48.9	0.1	0.00507	0.000982	12.3	0.043	4.81	0.000982	0.000982	0.00000491	0.00806	0.00813	0.0114	0.0165	0.00000491	15.2	0.0000142	0.000195	0.000124	0.000939	0.0451	0.0000982	1.09	1.73	0.00963	0.000538	4.12	0.000981	0.0547	0.0000232	0.0000291	0.0000404	0.0713	0.00000196	0.0000817	0.000197	0.00113	
2036 Nov	48.9	0.102	0.005	0.000975	12.3	0.043	4.83	0.000975	0.000975	0.00000488	0.00808	0.00643	0.0114	0.0165	0.00000488	15.2	0.0000143	0.000194	0.000124	0.00094	0.0451	0.0000975	1.09	1.73	0.00949	0.000543	4.12	0.000975	0.0548	0.000022	0.0000267	0.0000399	0.0712	0.00000195	0.000082	0.000195	0.00111	
2036 Dec	48.9	0.103	0.00497	0.000974	12.3	0.043	4.85	0.000974	0.000974	0.

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2039 Dec	52	0.04	0.0111	0.000912	11.5	0.0242	4.09	0.000912	0.000912	0.00000456	0.00622	0.00144	0.00845	0.0215	0.00000456	17.7	0.0000164	0.00025	0.000277	0.000848	0.0639	0.00000912	1.24	2.31	0.0438	0.000196	4.29	0.00117	0.0465	0.000365	0.000158	0.0000676	0.0918	0.00000182	0.0000581	0.00062	0.00156	
2040 Jan	52	0.0401	0.0111	0.000912	11.5	0.0242	4.09	0.000912	0.000912	0.00000456	0.00622	0.00144	0.00845	0.0215	0.00000456	17.7	0.0000164	0.00025	0.000277	0.000848	0.0639	0.00000912	1.24	2.31	0.0439	0.000196	4.29	0.00117	0.0465	0.000365	0.000158	0.0000676	0.0918	0.00000182	0.0000581	0.00062	0.00156	
2040 Feb	52	0.0401	0.0111	0.000912	11.5	0.0242	4.09	0.000912	0.000912	0.00000456	0.00622	0.00144	0.00845	0.0215	0.00000456	17.7	0.0000164	0.00025	0.000277	0.000848	0.0639	0.00000912	1.24	2.32	0.0439	0.000196	4.3	0.00117	0.0465	0.000365	0.000158	0.0000677	0.0918	0.00000182	0.0000581	0.00062	0.00156	
2040 Mar	52.1	0.0401	0.0111	0.000912	11.6	0.0242	4.1	0.000912	0.000912	0.00000456	0.00623	0.00144	0.00845	0.0215	0.00000456	17.7	0.0000164	0.00025	0.000278	0.000849	0.064	0.00000912	1.24	2.32	0.0439	0.000196	4.3	0.00117	0.0466	0.000365	0.000158	0.0000677	0.0919	0.00000182	0.0000581	0.00062	0.00156	
2040 Apr	52.2	0.0402	0.0111	0.000914	11.6	0.0243	4.11	0.000914	0.000914	0.00000457	0.00624	0.00145	0.00847	0.0216	0.00000457	17.8	0.0000164	0.00025	0.000278	0.000851	0.0641	0.00000914	1.25	2.32	0.0441	0.000197	4.31	0.00117	0.0467	0.000366	0.000158	0.0000679	0.0922	0.00000183	0.0000583	0.000622	0.00156	
2040 May	53.1	0.0409	0.0114	0.000924	11.8	0.0244	4.18	0.000924	0.000924	0.00000462	0.0063	0.00146	0.00855	0.022	0.00000462	18.1	0.0000166	0.00025	0.000285	0.000864	0.0653	0.00000924	1.27	2.37	0.0452	0.000198	4.39	0.00119	0.0472	0.000376	0.000161	0.0000692	0.094	0.00000185	0.0000659	0.000636	0.00158	
2040 Jun	54.2	0.0406	0.012	0.000891	12.1	0.0222	4.24	0.000891	0.000891	0.00000445	0.0061	0.0014	0.00818	0.0229	0.00000445	18.8	0.0000168	0.000265	0.000308	0.000854	0.0673	0.00000891	1.29	2.48	0.0498	0.000181	4.47	0.0012	0.046	0.000419	0.000166	0.0000722	0.0979	0.00000178	0.0000575	0.000685	0.00157	
2040 Jul	54.8	0.0408	0.0122	0.000907	12.2	0.0226	4.27	0.000907	0.000907	0.00000454	0.00622	0.00141	0.00834	0.0231	0.00000454	18.9	0.0000171	0.000268	0.00031	0.000864	0.068	0.00000907	1.31	2.5	0.0501	0.000183	4.51	0.00121	0.0468	0.00042	0.00017	0.0000729	0.0987	0.00000181	0.0000583	0.000693	0.0016	
2040 Aug	55.9	0.0415	0.0124	0.000925	12.4	0.0231	4.36	0.000925	0.000925	0.00000463	0.00634	0.00144	0.00851	0.0235	0.00000463	19.3	0.0000174	0.000273	0.000316	0.000881	0.0692	0.00000925	1.33	2.54	0.051	0.000187	4.59	0.00124	0.0477	0.000428	0.000173	0.0000743	0.101	0.00000185	0.0000595	0.000705	0.00163	
2040 Sep	55.8	0.0419	0.0123	0.000926	12.4	0.0233	4.36	0.000926	0.000926	0.00000463	0.00635	0.00144	0.00855	0.0234	0.00000463	19.2	0.0000174	0.000273	0.000314	0.000881	0.069	0.00000926	1.33	2.54	0.0506	0.00019	4.59	0.00124	0.0477	0.000424	0.000172	0.0000741	0.1	0.00000185	0.0000596	0.0007	0.00162	
2040 Oct	55.9	0.0422	0.0123	0.000929	12.5	0.0234	4.37	0.000929	0.000929	0.00000464	0.00637	0.00144	0.00859	0.0235	0.00000464	19.3	0.0000174	0.000273	0.000314	0.000884	0.0691	0.00000929	1.33	2.54	0.0506	0.000192	4.6	0.00124	0.0479	0.000424	0.000172	0.0000742	0.1	0.00000186	0.0000599	0.0007	0.00163	
2040 Nov	56.1	0.0424	0.0123	0.000931	12.5	0.0235	4.38	0.000931	0.000931	0.00000466	0.00638	0.00144	0.00861	0.0235	0.00000466	19.3	0.0000174	0.000274	0.000314	0.000886	0.0692	0.00000931	1.34	2.55	0.0506	0.000193	4.61	0.00124	0.048	0.000424	0.000172	0.0000743	0.101	0.00000186	0.00006	0.000701	0.00163	
2040 Dec	56.1	0.0425	0.0123	0.000931	12.5	0.0235	4.39	0.000931	0.000931	0.00000466	0.00639	0.00144	0.00861	0.0235	0.00000466	19.3	0.0000174	0.000274	0.000314	0.000886	0.0692	0.00000931	1.34	2.55	0.0506	0.000193	4.61	0.00124	0.048	0.000424	0.000172	0.0000743	0.101	0.00000186	0.0000601	0.000701	0.00163	
2041 Jan	56.1	0.0425	0.0123	0.000931	12.5	0.0235	4.39	0.000931	0.000931	0.00000466	0.00639	0.00144	0.00861	0.0235	0.00000466	19.3	0.0000174	0.000274	0.000314	0.000886	0.0692	0.00000931	1.34	2.55	0.0506	0.000193	4.61	0.00124	0.048	0.000424	0.000172	0.0000743	0.101	0.00000186	0.0000601	0.000701	0.00163	
2041 Feb	56.1	0.0425	0.0123	0.000931	12.5	0.0235	4.39	0.000931	0.000931	0.00000466	0.00639	0.00144	0.00861	0.0235	0.00000466	19.3	0.0000174	0.000274	0.000315	0.000886	0.0693	0.00000931	1.34	2.55	0.0507	0.000193	4.62	0.00124	0.048	0.000424	0.000172	0.0000743	0.101	0.00000186	0.0000601	0.000701	0.00163	
2041 Mar	56.1	0.0425	0.0124	0.000932	12.5	0.0235	4.39	0.000932	0.000932	0.00000466	0.00639	0.00144	0.00862	0.0236	0.00000466	19.3	0.0000175	0.000274	0.000315	0.000887	0.0693	0.00000932	1.34	2.55	0.0507	0.000193	4.62	0.00124	0.048	0.000424	0.000172	0.0000743	0.101	0.00000186	0.0000601	0.000702	0.00163	
2041 Apr	56.2	0.0426	0.0124	0.000933	12.5	0.0236	4.4	0.000933	0.000933	0.00000467	0.0064	0.00145	0.00863	0.0236	0.00000467	19.4	0.0000175	0.000275	0.000316	0.000889	0.0694	0.00000933	1.34	2.55	0.0508	0.000194	4.63	0.00124	0.0481	0.000425	0.000172	0.0000745	0.101	0.00000187	0.0000602	0.000703	0.00163	
2041 May	56.7	0.043	0.0125	0.00094	12.6	0.0237	4.43	0.00094	0.00094	0.0000047	0.00645	0.00146	0.00869	0.0238	0.0000047	19.5	0.0000176	0.000277	0.000318	0.000895	0.07	0.0000094	1.35	2.58	0.0512	0.000195	4.66	0.00125	0.0485	0.000429	0.000173	0.0000751	0.102	0.00000188	0.0000607	0.000709	0.00165	
2041 Jun	50.8	0.0355	0.011	0.000914	11	0.0222	3.84	0.000914	0.000914	0.00000457	0.00637	0.0013	0.00858	0.0207	0.00000457	17.1	0.0000178	0.000253	0.000268	0.000809	0.0623	0.00000914	1.21	2.23	0.043	0.000171	4.11	0.00116	0.046	0.000356	0.000176	0.0000666	0.0886	0.00000183	0.0000564	0.000645	0.00166	
2041 Jul	46	0.0303	0.00989	0.000871	9.68	0.0206	3.39	0.000871	0.000871	0.00000435	0.00612	0.00117	0.00825	0.0183	0.00000435	15.2	0.0000173	0.000231	0.000231	0.000736	0.0561	0.00000871	1.1	1.97	0.037	0.000152	3.67	0.00107	0.0431	0.000303	0.000172	0.0000597	0.0784	0.00000174	0.0000523	0.000588	0.00162	
2041 Aug	47.4	0.0313	0.0102	0.000899	9.99	0.0213	3.5	0.000899	0.000899	0.0000045	0.00632	0.0012	0.00852	0.0189	0.0000045	15.7	0.0000178	0.000238	0.000239	0.00076	0.0579	0.00000899	1.14	2.03	0.0381	0.000158	3.79	0.00111	0.0445	0.000313	0.000178	0.0000617	0.0809	0.0000018	0.000054	0.000606	0.00167	
2041 Sep	47.6	0.0315	0.0102	0.000902	10	0.0215	3.51	0.000902	0.000902	0.00000451	0.00634	0.00121	0.00856	0.0189	0.00000451	15.7	0.0000178	0.000239	0.000239	0.000762	0.0579	0.00000902	1.14	2.03	0.0381	0.00016	3.8	0.00111	0.0447	0.000312	0.000178	0.0000617	0.0811	0.0000018	0.0000542	0.000606	0.00167	
2041 Oct	47.3	0.0319	0.0101	0.000896	9.98	0.0215	3.5	0.000896	0.000896	0.00000448	0.00631	0.0012	0.00852	0.0188	0.00000448	15.6	0.0000177	0.000237	0.000236	0.000759	0.0574	0.00000896	1.13	2.02	0.0376	0.000162	3.78	0.0011	0.0445	0.000308	0.000175	0.0000613	0.0805	0.00000179	0.0000541	0.000598	0.00165	
2041 Nov	47.4	0.0322	0.0101	0.000899	10	0.0216	3.51	0.000899	0.000899	0.00000449	0.00633	0.0012	0.00855	0.0188	0.00000449	15.6	0.0000177	0.000237	0.000237	0.000761	0.0576	0.00000899	1.13	2.02	0.0377	0.000163	3.79	0.0011	0.0446	0.000308	0.000175	0.0000613	0.0807	0.0000018	0.0000543	0.000599	0.00166	
2041 Dec	47.4	0.0322	0.0101	0.000899	10	0.0216	3.51	0.000899	0.000899	0.0000045	0.00634	0.0012	0.00855	0.0188	0.0000045	15.6	0.0000177	0.000237	0.000237	0.000762	0.0576	0.00000899	1.13	2.02	0.0377	0.000163	3.79	0.0011	0.0446	0.000308	0.000175	0.0000613	0.0807	0.0000018	0.0000544	0.000599	0.00166	
2042 Jan	47.4	0.0322	0.0101	0.000899	10	0.0216	3.51	0.000899	0.000899	0.0000045	0.00634	0.0012	0.00855	0.0188	0.0000045	15.6	0.0000177	0.000237	0.000237	0.000762	0.0576	0.00000899	1.13	2.03	0.0377	0.000163	3.79	0.0011	0.0446	0.000308	0.000175	0.0000613	0.0807	0.0000018	0.0000544	0.000599	0.00166	
2042 Feb	47.4	0.0323	0.0101	0.000899	10	0.0216	3.52	0.000899	0.000899	0.0000045	0.00634	0.0012	0.00855	0.0188	0.0000045	15.6	0.0000177	0.000238	0.000237	0.000762	0.0576	0.00000899	1.13	2.03	0.0377	0.000163	3.79	0.0011	0.0446	0.000308	0.000175	0.0000613	0.0808	0.0000018	0.0000544	0.0006	0.00166	
2042 Mar	47.5	0.0323	0.0101	0.0009	10	0.0216	3.52	0.0009	0.0009	0.0000045	0.00634	0.0012	0.00856	0.0188	0.0000045	15.7	0.0000177	0.000238	0.000237	0.000763	0.0577	0.000009	1.14	2.03	0.0378	0.000163	3.79	0.0011	0.0447	0.000309	0.000175	0.0000613	0.0808	0.0000018	0.0000544	0.0006	0.00166	
2042 Apr	47.7	0.0324	0.0102	0.000903	10.1	0.0217	3.53	0.000903	0.000903	0.00000452	0.00636	0.00121	0.00859	0.0189	0.00000452	15.7	0.0000178	0.000239	0.000238	0.000766	0.0579	0.00000903	1.14	2.04	0.0379	0.000164	3.81	0.00111	0.0448	0.00031	0.000176	0.0000616	0.0812	0.00000181	0.0000546	0.000603	0.00166	
2042 May	48.4	0.0329	0.0103	0.000917	10.2	0.0221	3.59	0.000917	0.000917	0.00000458	0.00646	0.00123	0.00872	0.0192	0.00000458	16	0.0000181	0.000242	0.000242	0.000777	0.0588	0.00000917	1.16	2.07	0.0385	0.000166	3.87	0.00113	0.0455	0.000315	0.000179	0.0000625	0.0824	0.00000183	0.0000554	0.000612	0.00169	
2042 Jun	45.1	0.0288	0.00954	0.000898	9.31	0.021	3.26	0.000898	0.000898	0.00000449	0.00638	0.00114	0.0086	0.0175	0.00000449	14.6	0.0000181	0.000229	0.000215	0.000728	0.0545	0.00000898	1.08	1.88	0.0341	0.000152	3.56	0.00107	0.0439	0.000276	0.00018	0.0000579	0.0752	0.0000018	0.0000529	0.000577	0.00169	
2042 Jul	42.9	0.0261	0.009	0.000883	8.74	0.0207	3.06	0.000883	0.000883	0.00000441	0.00626	0.00108	0.00846	0.0165	0.00000441	13.7	0.0000177	0.000218	0.000198	0.0007	0.0519	0.00000883	1.03	1.76	0.0313	0.000144	3.37	0.00103	0.0428	0.000252	0.000177	0.0000548	0.0706	0.00000177	0.0000511	0.000547	0.00167	
2042 Aug	41.7	0.026	0.00855	0.000868	8.6	0.0216	3.02	0.000868	0.000868	0.00000434	0.00604	0.00105	0.00843	0.0159	0.00000434	13.4	0.0000164	0.000209	0.000186	0.000688	0.0497	0.00000868	1.01	1.7	0.0291	0.000156	3.31	0.001	0.0418	0.000232	0.000163	0.0000531	0.0683	0.00000174	0.0000503	0.000502	0.00159	
2042 Sep	41.2	0.0266	0.00835	0.00086	8.58	0.022	3.02	0.00086	0.00086	0.0000043	0.00596	0.00104	0.00847	0.0157	0.0000043	13.2	0.0000159	0.000206	0.000181	0.000682	0.0486	0.00000086	0.995	1.67	0.028	0.000164	3.28	0.00099	0.0413	0.000221	0.000156	0.0000523	0.0674	0.00000172	0.00005	0.000481	0.00155	
2042 Oct	40.9	0.0275	0.0082	0.000851	8.53	0.0221	3.01	0.000851	0.000851	0.00000426	0.00592	0.00103	0.00841	0.0155	0.00000426	13.1	0.0000157	0.000203	0.000178	0.000678	0.048	0.00000851	0.985	1.65	0.0274	0.000168	3.26	0.000978	0.041	0.000216	0.000152	0.0000515	0.0667	0.0000017	0.00005	0.000471	0.00152	
2042 Nov	41	0.0279	0.0082	0.000854	8.57	0.0222	3.03	0.000854	0.000854	0.00000427	0.00595	0.00103	0.00844	0.0156	0.00000427	13.1	0.0000157	0.000204	0.000178	0.000681	0.0481	0.00000854	0.988	1.65	0.0274	0.00017	3.27	0.00098	0.0412	0.000216	0.000152	0.0000516	0.0668	0.00000171	0.0000502	0.000471	0.00153	
2042 Dec	41	0.028	0.0082	0.000854	8.58	0.0222	3.03	0.000854	0.000854	0.00000427	0.00595	0.00103	0.00845	0.0156	0.00000427	13.1	0.0000157	0.000204	0.000178	0.000681	0.0481	0.00000854	0.988	1.65	0.0274	0.00017	3.27	0.000981	0.0412	0.000215	0.000152	0.0000516	0.0669	0.00000171	0.0000503	0.000471	0.00153	
2043 Jan	41.1	0.028	0.00821	0.000854	8.58	0.0222	3.03	0.000854	0.000854	0.00000427	0.00595	0.00103	0.00845	0.0156	0.00000427	13.1	0.0000157	0.000204	0.000178	0.000682	0.0481	0.00000854	0.989	1.66	0.0274	0.00017	3.27	0.000981	0.0412	0.000215	0.000152	0.0000516	0.0669	0.00000171	0.0000503	0.000471	0.00153	
2043 Feb	41.1	0.0281	0.00821	0.000855	8.59	0.0222	3.03	0.000855	0.000855	0.00000427	0.00595	0.00103	0.00845	0.0156	0.00000427	13.1	0.0000157	0.000204	0.000179	0.000682	0.0482	0.00000855	0.989	1.66	0.0275	0.000171	3.28	0.000981	0.0412	0.000216	0.000152	0.0000516	0.067	0.00000171	0.0000503	0.000472	0.00153	
2043 Mar	41.1	0.0281	0.00822	0.000855	8.59	0.0222	3.03	0.000855	0.000855	0.00000427	0.00595	0.00103	0.00845	0.0156	0.00000427	13.2	0.0000157	0.000204	0.000179	0.000683	0.0482	0.00000855	0.99	1.66	0.0275	0.000171	3.28	0.000982	0.0412	0.000216	0.000152	0.0000516	0.067	0.00000171	0.0000503	0.000472	0.00153	
2043 Apr	41.3	0.0282	0.00825	0.000858	8.63	0.0223	3.05	0.000858	0.000858	0.00000429	0.00598	0.00104	0.00848	0.0157	0.00000429	13.2	0.0000158	0.000205	0.00018	0.000685	0.0484	0.00000858	0.994	1.67	0.0276	0.000171	3.29	0.000986	0.0414	0.000217	0.000152	0.0000518	0.0673	0.00000172	0.0000505	0.000474	0.00153	
2043 May	42.2	0.0289	0.00849	0.000872	8.85	0.0226	3.12	0.000872	0.000872	0.00000436	0.00607	0.00106	0.0086	0.0161	0.00000436	13.6	0.000016	0.00021	0.000186	0.0007	0.0496	0.00000872	1.02	1.71	0.0287	0.000174	3.37	0.00101	0.0421	0.000226	0.000155	0.0000532	0.0691	0.00000174	0.0000514	0.000487	0.00156	
2043 Jun	77.1	0.0333	0.0231	0.00126	12.3	0.0224	8.05	0.00087	0.00087	0.00000436	0.00587	0.00107	0.00954	0.0176	0.00000437	15.2	0.0000163	0.000224	0.000223	0.000763	0.0528	0.00000896	1.11	2.16	0.0353	0.000193	4.48	0.00124	0.0404	0.000282	0.000166	0.0000635	0.0783	0.00000175	0.0000578	0.000547	0.00154	5.02E-15
2043 Jul	85.6	0.0344	0.0265	0.00138	13.1	0.0235	9.21	0.000903	0.000903	0.00000452	0.00603	0.0011	0.0101	0.018	0.00000454	15.6	0.0000168	0.000228	0.000227	0.000794	0.0539	0.00000861	1.14	2.26	0.0358	0.000204	4.77	0.00131	0.0414	0.000284	0.000172	0.0000661	0.0804	0.00000181	0.0000607	0.000556	0.00159	6.17E-15
2043 Aug	87.8	0.0354	0.0271	0.00142	13.4	0.0244	9.44	0.000932	0.000932	0.00000467	0.00621	0.00113	0.0104	0.0185	0.00000468	16	0.0000172	0.000234	0.000233	0.000819	0.0554	0.00000889	1.18	2.32	0.0367	0.000212	4.91	0.00135	0.0427	0.000291	0.000176	0.0000679	0.0827	0.00000187	0.0000625	0.000568	0.00163	6.3E-15
2043 Sep	87.4	0.0356	0.0269	0.00141	13.4	0.0245	9.39	0.000932	0.000932	0.00000467	0.00621	0.00113	0.0104	0.0185	0.00000468	16	0.0000171	0.000234	0.000232	0.000818	0.0552	0.00000889	1.18	2.31	0.0364	0.000214	4.89	0.00135	0.0427	0.000288	0.000174	0.0000678	0.0825	0.00000187	0.0000625	0.000564	0.00163	6.25E-15
2043 Oct	85.7	0.0375	0.026	0.00139	13.3	0.0249	9.2	0.000926	0.000926	0.00000464	0.00623	0.00112	0.0104	0.0183	0.00000465	15.9	0.0000169	0.000231	0.000227	0.000817	0.0546	0.00000885	1.17	2.28	0.0354	0.000223	4.84	0.00133	0.0428	0.000278	0.000169	0.0000665	0.0816	0.00000186	0.0000628	0.000549	0.0016	6.02E-15
2043 Nov	84.2	0.0395	0.0253	0.00137	13.2	0.0254	9.02	0.000923	0.000923	0.00000462	0.00626	0.00111	0.0104	0.0182	0.00000464	15.8	0.0000167	0.000229	0.000223	0.000817	0.054	0.00000884	1.16	2.25	0.0344	0.000232	4.8	0.00131	0.043	0.000269	0.000163	0.0000653	0.0809	0.00000185	0.0000631	0.000535	0.00158	5.81E-15
2043 Dec	84.1	0.0397	0.0252	0.00137	13.2	0.0254	9.02	0.000923	0.000923	0.00000462	0.00626	0.00111	0.0104	0.0182	0.00000464	15.8	0.0000167	0.000229	0.000223	0.000818	0.054	0.00000884	1.16	2.25	0.0344	0.000233	4.8	0.00131	0.043	0.000269	0.000163	0.0000652	0.081	0.00000185	0.0000632	0.000535	0.00157	5.8E-15
2044 Jan	84.2	0.0397	0.0252	0.00137	13.2	0.0254	9.02	0.000924	0.000924	0.00000462	0.00626	0.00111	0.0104	0.0182	0.00000464	15.8	0.0000168	0.000229	0.000223	0.000818	0.054	0.00000884	1.16	2.25	0.0344	0.000233	4.8	0.00131	0.043	0.000269	0.000163	0.0000652	0.081	0.00000185	0.0000632	0.000535	0.00157	5.79E-15
2044 Feb	84.2	0.0398	0.0252	0.00137	13.2	0.0254	9.02	0.000924	0.000924	0.00000463	0.00627	0.00111	0.0104	0.0182	0.00000464	15.8	0.0000168	0.000229	0.000223	0.000819	0.0541	0.00000884	1.16	2.26	0.0345	0.000233	4.8	0.00131	0.043	0.000269	0.000163	0.0000653	0.0811	0.00000186	0.0000632	0.000536	0.00158	5.79E-15
2044 Mar	84.2	0.0398	0.0253	0.00137	13.3	0.0254	9.03	0.000925	0.000925	0.00000463	0.00627	0.00111	0.0104	0.0182	0.00000464	15.8	0.0000168	0.00023	0.000224	0.000819	0.0542	0.00000885	1.16	2.26	0.0345	0.000233	4.81	0.00131	0.0431	0.000269	0.000163	0.0000653	0.0812	0.00000186	0.0000633	0.000536	0.00158	5.8E-15
2044 Apr	84.4	0.0399	0.0253	0.00137	13.3	0.0255	9.04	0.000926	0.000926	0.00000464	0.00628	0.00112	0.0104	0.0183	0.00000465	15.9	0.0000168	0.00023	0.000224	0.000821	0.0543	0.00000887	1.16	2.27	0.0346	0.000234	4.82	0.00131	0.0431	0.00027	0.000163	0.0000655	0.0814	0.00000186	0.0000634	0.000538	0.00158	5.8E-15
2044 May	85.4	0.0404	0.0256	0.00139	13.5	0.0258	9.16	0.000938	0.000938	0.00000469	0.00636	0.00113	0.0105	0.0185	0.00000471	16.1	0.000017	0.000233	0.000227	0.000831	0.055	0.00000898	1.18	2.29	0.0351	0.000237	4.88	0.00133	0.0437	0.000273	0.000165	0.0000663	0.0824	0.00000188	0.0000642	0.000544	0.0016	5.87E-15
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Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2047 Jun	134	0.0449	0.0475	0.002	19.6	0.0257	14.7	0.000974	0.000969	0.00000492	0.00618	0.0011	0.0122	0.0188	0.0000049	16.9	0.0000179	0.000238	0.000247	0.000892	0.0547	0.0000842	1.3	2.66	0.0386	0.000249	7.42	0.00165	0.0401	0.0003	0.000187	0.0000768	0.0914	0.00000196	0.0000709	0.000587	0.00164	0.00003
2047 Jul	139	0.0465	0.0492	0.00208	20.4	0.0267	15.3	0.00101	0.00101	0.00000511	0.00643	0.00114	0.0127	0.0195	0.00000509	17.5	0.0000186	0.000247	0.000256	0.000925	0.0568	0.00000875	1.35	2.76	0.0399	0.000258	7.69	0.00172	0.0417	0.0003311	0.000195	0.0000797	0.0948	0.00000204	0.0000735	0.000609	0.00171	0.0000311
2047 Aug	144	0.048	0.0508	0.00215	21	0.0276	15.8	0.00105	0.00104	0.00000528	0.00664	0.00118	0.0131	0.0201	0.0000526	18.1	0.0000192	0.000255	0.000264	0.000956	0.0587	0.00000905	1.39	2.85	0.0412	0.000267	7.94	0.00177	0.0431	0.0003321	0.000201	0.0000823	0.0979	0.00000211	0.000076	0.000628	0.00176	0.0000321
2047 Sep	141	0.0477	0.0497	0.00211	20.7	0.0274	15.4	0.00103	0.00103	0.00000521	0.00656	0.00116	0.013	0.0198	0.00000519	17.8	0.0000188	0.000251	0.000259	0.000943	0.0577	0.00000894	1.37	2.8	0.0403	0.000266	7.8	0.00174	0.0426	0.0003313	0.000196	0.0000808	0.0963	0.00000208	0.000075	0.000615	0.00173	0.0000314
2047 Oct	137	0.0481	0.0481	0.00205	20.2	0.0273	15	0.00102	0.00101	0.00000512	0.00649	0.00115	0.0127	0.0195	0.00000511	17.5	0.0000184	0.000247	0.000253	0.000929	0.0566	0.00000882	1.35	2.74	0.0392	0.000267	7.62	0.0017	0.0422	0.0003303	0.00019	0.0000789	0.0944	0.00000204	0.000074	0.000598	0.00169	0.0000303
2047 Nov	135	0.0488	0.0474	0.00204	20.1	0.0275	14.8	0.00101	0.00101	0.00000511	0.0065	0.00114	0.0127	0.0194	0.00000509	17.4	0.0000184	0.000245	0.000251	0.000927	0.0563	0.00000881	1.34	2.72	0.0387	0.000271	7.55	0.00169	0.0423	0.0003299	0.000187	0.0000782	0.0939	0.00000204	0.000074	0.000591	0.00168	0.0000299
2047 Dec	135	0.0489	0.0474	0.00203	20	0.0275	14.8	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0194	0.00000509	17.4	0.0000184	0.000245	0.000251	0.000928	0.0563	0.00000882	1.34	2.72	0.0386	0.000271	7.55	0.00169	0.0423	0.0002998	0.000187	0.0000781	0.0939	0.00000204	0.000074	0.000591	0.00168	0.0000298
2048 Jan	135	0.049	0.0474	0.00203	20.1	0.0275	14.8	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0194	0.00000509	17.4	0.0000184	0.000246	0.000251	0.000928	0.0564	0.00000882	1.34	2.72	0.0387	0.000272	7.55	0.00169	0.0424	0.0002999	0.000187	0.0000781	0.094	0.00000204	0.000074	0.000591	0.00168	0.0000298
2048 Feb	135	0.049	0.0474	0.00203	20.1	0.0275	14.8	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0194	0.00000509	17.5	0.0000184	0.000246	0.000251	0.000929	0.0564	0.00000882	1.34	2.72	0.0387	0.000272	7.55	0.00169	0.0424	0.0002999	0.000187	0.0000782	0.0941	0.00000204	0.0000741	0.000591	0.00168	0.0000298
2048 Mar	135	0.049	0.0474	0.00203	20.1	0.0275	14.8	0.00101	0.00101	0.00000511	0.00651	0.00114	0.0127	0.0195	0.00000509	17.5	0.0000184	0.000246	0.000251	0.000929	0.0565	0.00000882	1.34	2.73	0.0388	0.000272	7.56	0.00169	0.0424	0.0002999	0.000187	0.0000782	0.0941	0.00000204	0.0000741	0.000592	0.00168	0.0000298
2048 Apr	136	0.0492	0.0475	0.00204	20.1	0.0276	14.9	0.00102	0.00101	0.00000513	0.00653	0.00115	0.0127	0.0195	0.00000511	17.5	0.0000184	0.000247	0.000252	0.000932	0.0566	0.00000885	1.35	2.73	0.0389	0.000272	7.58	0.00169	0.0425	0.0003	0.000188	0.0000784	0.0944	0.00000205	0.0000743	0.000594	0.00169	0.0000299
2048 May	138	0.0498	0.0481	0.00207	20.4	0.028	15.1	0.00103	0.00102	0.00000519	0.00661	0.00116	0.0129	0.0198	0.00000518	17.8	0.0000187	0.00025	0.000255	0.000944	0.0574	0.00000896	1.36	2.77	0.0394	0.000276	7.68	0.00171	0.0431	0.000304	0.00019	0.0000794	0.0957	0.00000207	0.0000753	0.000601	0.00171	0.0000303
2048 Jun	124	0.043	0.0437	0.00193	18.9	0.0262	12.9	0.000997	0.00099	0.00000504	0.0064	0.00106	0.0123	0.0172	0.000005	15.6	0.0000183	0.000227	0.000215	0.000859	0.0511	0.00000859	1.25	2.4	0.0327	0.000242	7.34	0.00158	0.0405	0.000248	0.000188	0.000071	0.0852	0.000002	0.0000689	0.000544	0.00169	0.0000391
2048 Jul	120	0.0404	0.0433	0.00192	19.1	0.0257	12	0.000996	0.000987	0.00000504	0.00632	0.001	0.0122	0.0158	0.00000499	14.4	0.0000181	0.000214	0.000192	0.000825	0.0475	0.00000838	1.22	2.2	0.0288	0.000227	7.61	0.00154	0.039	0.000215	0.000188	0.0000672	0.0807	0.000002	0.0000663	0.000509	0.00169	0.0000516
2048 Aug	120	0.0408	0.043	0.00192	19.1	0.0263	11.9	0.00101	0.000996	0.00000509	0.00637	0.00102	0.0123	0.016	0.00000503	14.6	0.000018	0.000216	0.000192	0.000832	0.0477	0.00000849	1.23	2.21	0.0287	0.000234	7.61	0.00154	0.0395	0.000214	0.000186	0.0000676	0.0812	0.00000202	0.0000668	0.000506	0.00169	0.0000511
2048 Sep	118	0.0408	0.0421	0.00189	18.8	0.0263	11.7	0.000997	0.000988	0.00000504	0.00631	0.00101	0.0122	0.0158	0.00000499	14.4	0.0000181	0.000213	0.00019	0.000825	0.0471	0.00000844	1.21	2.18	0.0282	0.000236	7.49	0.00152	0.0392	0.000209	0.000182	0.0000668	0.0803	0.000002	0.0000663	0.000495	0.00167	0.0000499
2048 Oct	116	0.0411	0.0412	0.00186	18.5	0.0262	11.5	0.000986	0.000976	0.00000498	0.00626	0.000997	0.0121	0.0156	0.00000493	14.3	0.0000175	0.000211	0.000187	0.000817	0.0466	0.00000836	1.2	2.15	0.0277	0.000236	7.37	0.0015	0.039	0.000204	0.000178	0.0000657	0.0794	0.00000198	0.0000657	0.000487	0.00165	0.0000488
2048 Nov	115	0.0415	0.041	0.00186	18.5	0.0263	11.5	0.000985	0.000976	0.00000498	0.00627	0.000997	0.0121	0.0157	0.00000493	14.3	0.0000174	0.000211	0.000186	0.000818	0.0466	0.00000837	1.2	2.15	0.0275	0.000238	7.35	0.00149	0.0391	0.000203	0.000177	0.0000656	0.0793	0.00000198	0.0000658	0.000485	0.00164	0.0000485
2048 Dec	115	0.0416	0.0409	0.00186	18.5	0.0264	11.5	0.000986	0.000977	0.00000499	0.00628	0.000997	0.0121	0.0157	0.00000493	14.3	0.0000174	0.000211	0.000186	0.000818	0.0466	0.00000837	1.2	2.15	0.0275	0.000239	7.35	0.00149	0.0391	0.000203	0.000177	0.0000655	0.0793	0.00000198	0.0000659	0.000485	0.00164	0.0000485
2049 Jan	115	0.0417	0.0409	0.00186	18.5	0.0264	11.5	0.000986	0.000977	0.00000499	0.00628	0.000998	0.0121	0.0157	0.00000493	14.3	0.0000174	0.000211	0.000187	0.000818	0.0466	0.00000837	1.2	2.15	0.0276	0.000239	7.35	0.00149	0.0391	0.000203	0.000177	0.0000656	0.0794	0.00000198	0.0000659	0.000485	0.00164	0.0000485
2049 Feb	115	0.0417	0.0409	0.00186	18.5	0.0264	11.5	0.000986	0.000977	0.00000499	0.00628	0.000998	0.0121	0.0157	0.00000493	14.3	0.0000174	0.000211	0.000187	0.000819	0.0467	0.00000837	1.2	2.15	0.0276	0.000239	7.35	0.00149	0.0391	0.000203	0.000177	0.0000656	0.0794	0.00000198	0.0000659	0.000485	0.00164	0.0000485
2049 Mar	115	0.0417	0.041	0.00186	18.5	0.0264	11.5	0.000986	0.000977	0.00000499	0.00628	0.000999	0.0121	0.0157	0.00000494	14.3	0.0000174	0.000211	0.000187	0.000819	0.0467	0.00000838	1.2	2.16	0.0277	0.000239	7.36	0.00149	0.0392	0.000204	0.000177	0.0000656	0.0795	0.00000198	0.0000659	0.000486	0.00164	0.0000485
2049 Apr	116	0.0419	0.0411	0.00186	18.6	0.0265	11.5	0.000989	0.00098	0.000005	0.0063	0.001	0.0121	0.0158	0.00000495	14.4	0.0000175	0.000212	0.000188	0.000822	0.0469	0.0000084	1.2	2.16	0.0278	0.00024	7.38	0.0015	0.0393	0.000204	0.000178	0.0000658	0.0798	0.00000198	0.0000661	0.000488	0.00165	0.0000486
2049 May	117	0.0424	0.0416	0.00189	18.8	0.0268	11.6	0.001	0.000993	0.00000507	0.00638	0.00102	0.0123	0.016	0.00000501	14.6	0.0000177	0.000215	0.00019	0.000832	0.0475	0.00000851	1.22	2.19	0.0281	0.000243	7.48	0.00152	0.0398	0.000207	0.00018	0.0000667	0.0808	0.00000201	0.000067	0.000494	0.00167	0.0000492
2049 Jun	109	0.038	0.0393	0.0018	18.1	0.0251	10.2	0.000975	0.000964	0.00000494	0.00619	0.000944	0.0117	0.0145	0.00000487	13.3	0.0000175	0.000201	0.00017	0.000778	0.0439	0.00000816	1.16	1.97	0.0249	0.000215	7.39	0.00144	0.0377	0.000182	0.00018	0.0000619	0.0752	0.00000195	0.0000626	0.000468	0.00165	0.0000572
2049 Jul	111	0.0383	0.0411	0.00185	19	0.0251	10.1	0.000978	0.000965	0.00000496	0.00611	0.000928	0.0118	0.0142	0.00000488	13	0.0000173	0.000197	0.000166	0.000775	0.0428	0.00000798	1.17	1.94	0.0241	0.000212	7.87	0.00145	0.0368	0.000175	0.00018	0.0000617	0.0753	0.00000196	0.0000623	0.000458	0.00164	0.0000677
2049 Aug	116	0.0399	0.0428	0.00192	19.8	0.0262	10.5	0.00102	0.00101	0.00000518	0.00637	0.000968	0.0123	0.0148	0.00000509	13.6	0.000018	0.000205	0.00017	0.000899	0.0446	0.00000833	1.22	2.02	0.0251	0.000221	8.2	0.00151	0.0384	0.000183	0.000187	0.0000643	0.0786	0.00000204	0.0000645	0.000477	0.00171	0.0000705
2049 Sep	114	0.0404	0.0417	0.00189	19.5	0.0262	10.3	0.00101	0.000995	0.00000511	0.00632	0.000959	0.0122	0.0146	0.00000503	13.4	0.0000178	0.000203	0.00017	0.000802	0.0441	0.00000826	1.2	1.99	0.0245	0.000224	8.05	0.00148	0.0382	0.000178	0.000182	0.0000633	0.0776	0.00000202	0.0000645	0.000467	0.00168	0.0000686
2049 Oct	111	0.0411	0.0405	0.00185	19.1	0.0261	10.1	0.000994	0.000981	0.00000504	0.00627	0.000948	0.012	0.0145	0.00000496	13.3	0.0000175	0.0002	0.000167	0.000794	0.0436	0.00000817	1.18	1.96	0.0239	0.000227	7.87	0.00145	0.038	0.000173	0.000177	0.000062	0.0764	0.00000199	0.000064	0.000456	0.00165	0.0000665
2049 Nov	110	0.0419	0.0401	0.00184	19	0.0263	10	0.000994	0.000981	0.00000504	0.00629	0.00095	0.012	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000166	0.000796	0.0436	0.00000819	1.18	1.96	0.0238	0.000231	7.82	0.00145	0.0382	0.000171	0.000175	0.0000617	0.0764	0.00000199	0.0000642	0.000453	0.00164	0.0000657
2049 Dec	110	0.042	0.0401	0.00183	19	0.0264	10	0.000994	0.000981	0.00000504	0.0063	0.00095	0.012	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000166	0.000796	0.0436	0.00000819	1.18	1.96	0.0237	0.000231	7.82	0.00145	0.0382	0.000171	0.000175	0.0000617	0.0764	0.00000199	0.0000643	0.000453	0.00164	0.0000656
2050 Jan	110	0.0421	0.04	0.00183	19	0.0264	10	0.000994	0.000981	0.00000504	0.0063	0.000951	0.012	0.0145	0.00000496	13.3	0.0000174	0.0002	0.000167	0.000797	0.0436	0.00000819	1.18	1.96	0.0238	0.000231	7.82	0.00145	0.0383	0.000171	0.000175	0.0000617	0.0765	0.00000199	0.0000643	0.000453	0.00164	0.0000656
2050 Feb	110	0.0421	0.04	0.00183	19	0.0264	10	0.000994	0.000981	0.00000504	0.0063	0.000951	0.012	0.0145	0.00000496	13.4	0.0000174	0.0002	0.000167	0.000797	0.0437	0.0000082	1.18	1.96	0.0238	0.000231	7.82	0.00145	0.0383	0.000171	0.000175	0.0000617	0.0765	0.00000199	0.0000643	0.000454	0.00164	0.0000656
2050 Mar	110	0.0421	0.0401	0.00183	19	0.0264	10	0.000994	0.000981	0.00000504	0.0063	0.000952	0.012	0.0146	0.00000496	13.4	0.0000174	0.0002	0.000167	0.000797	0.0437	0.00000824	1.18	1.97	0.0239	0.000231	7.82	0.00145	0.0383	0.000172	0.000175	0.0000617	0.0766	0.00000199	0.0000643	0.000454	0.00164	0.0000656
2050 Apr	110	0.0422	0.0401	0.00184	19.1	0.0264	10.1	0.000997	0.000984	0.00000505	0.00631	0.000954	0.012	0.0146	0.00000497	13.4	0.0000175	0.000201	0.000168	0.000799	0.0438	0.00000822	1.19	1.97	0.024	0.000232	7.84	0.00145	0.0384	0.000172	0.000175	0.0000619	0.0768	0.000002	0.0000645	0.000455	0.00164	0.0000657
2050 May	112	0.0427	0.0406	0.00186	19.3	0.0267	10.2	0.00101	0.000994	0.0000051	0.00638	0.000965	0.0121	0.0148	0.00000502	13.5	0.0000177	0.000203	0.00017	0.000808	0.0443	0.00000883	1.2	1.99	0.0242	0.000234	7.93	0.00147	0.0388	0.000174	0.000177	0.0000626	0.0776	0.00000202	0.0000651	0.00046	0.00166	0.0000664
2050 Jun	105	0.0391	0.0386	0.00178	18.4	0.0253	9.34	0.000982	0.000968	0.00000497	0.00622	0.000923	0.0117	0.014	0.00000489	12.8	0.0000175	0.000196	0.000166	0.000772	0.0425	0.00000808	1.15	1.87	0.0223	0.000214	7.65	0.00141	0.0375	0.000165	0.000178	0.0000599	0.0741	0.00000196	0.0000622	0.000451	0.00163	0.0000665
2050 Jul	106	0.038	0.0397	0.0018	18.8	0.0249	9.23	0.000967	0.000952	0.00000491	0.00602	0.000893	0.0116	0.0134	0.00000481	12.4	0.000017	0.0001189	0.000153	0.000754	0.0408	0.0000078	1.14	1.82	0.0218	0.000207	7.88	0.0014	0.036	0.000157	0.000174	0.0000588	0.0727	0.00000193	0.0000609	0.000433	0.00161	0.000073
2050 Aug	108	0.0387	0.0404	0.00183	19.2	0.0255	9.4	0.00099	0.000974	0.00000502	0.00615	0.000916	0.0118	0.0138	0.00000493	12.7	0.0000173	0.000193	0.000157	0.000772	0.0418	0.000008	1.16	1.85	0.0223	0.000212	8.03	0.00143	0.0369	0.00016	0.000177	0.0000601	0.0743	0.00000198	0.0000622	0.000441	0.00164	0.0000742
2050 Sep	107	0.0391	0.04	0.00182	19.1	0.0256	9.34	0.000988	0.000972	0.00000501	0.00615	0.000915	0.0118	0.0138	0.00000492	12.7	0.0000172	0.000193	0.000156	0.000772	0.0417	0.000008	1.16	1.85	0.0221	0.000214	7.98	0.00142	0.0369	0.000159	0.000176	0.0000598	0.0741	0.00000198	0.0000622	0.000438	0.00164	0.0000734
2050 Oct	108	0.0396	0.0401	0.00183	19.1	0.0258	9.37	0.000993	0.000978	0.00000504	0.0062	0.000921	0.0119	0.0138	0.00000494	12.7	0.0000173	0.000194	0.000157	0.000777	0.0419	0.00000805	1.17	1.86	0.0222	0.000217	8.01	0.00143	0.0372	0.000159	0.000176	0.0000601	0.0745	0.00000199	0.0000626	0.000439	0.00164	0.0000735
2050 Nov	108	0.0398	0.0401	0.00183	19.2	0.0259	9.39	0.000996	0.00098	0.00000505	0.00621	0.000923	0.0119	0.0139	0.00000496	12.8	0.0000173	0.000194	0.000157	0.000779	0.0421	0.00000807	1.17	1.86	0.0222	0.000218	8.03	0.00143	0.0373	0.000159	0.000176	0.0000602	0.0747	0.00000199	0.0000628	0.00044	0.00165	0.0000736
2050 Dec	108	0.0398	0.0401	0.00183	19.2	0.026	9.4	0.000996	0.000981	0.00000505	0.00622	0.000924	0.0119	0.0139	0.00000496	12.8	0.0000173	0.000194	0.000157	0.000779	0.0421	0.00000808	1.17	1.87	0.0222	0.000218	8.03	0.00143	0.0374	0.000159	0.000176	0.0000602	0.0747	0.00000199	0.0000629	0.00044	0.00165	0.0000736
2051 Jan	108	0.0398	0.0401	0.00183	19.2	0.026	9.4	0.000996	0.000981	0.00000505	0.00622	0.000924	0.0119	0.0139	0.00000496	12.8	0.0000173	0.000194	0.000157	0.00078	0.0421	0.00000808	1.17	1.87	0.0223	0.000218	8.03	0.00143	0.0374	0.000159	0.000176	0.0000602	0.0748	0.00000199	0.0000629	0.00044	0.00165	0.0000736
2051 Feb	108	0.0399	0.0401	0.00183	19.2	0.026	9.4	0.000996	0.000981	0.00000505	0.00622	0.000924	0.0119	0.0139	0.00000496	12.8	0.0000173	0.000194	0.000157	0.00078	0.0421	0.00000808	1.17	1.87	0.0223	0.000218	8.03	0.00143	0.0374	0.000159	0.000176	0.0000602	0.0748	0.00000199	0.0000629	0.000441	0.00165	0.0000736
2051 Mar	108	0.0399	0.0401	0.00183	19.2	0.026	9.4	0.000996	0.000981	0.00000505	0.00622	0.000925	0.0119	0.0139	0.00000496	12.8	0.0000173	0.000195	0.000158	0.00078	0.0422	0.00000808	1.17	1.87	0.0223	0.000218	8.04	0.00143	0.0374	0.000159	0.000177	0.0000603	0.0749	0.00000199	0.0000629	0.000441	0.00165	0.0000736
2051 Apr	108	0.04	0.0403	0.00184	19.3	0.0261	9.43	0.001	0.000984	0.00000507	0.00624	0.000928	0.0119	0.014	0.00000498	12.9	0.0000174	0.000195	0.000158	0.000783	0.0423	0.00000811	1.18	1.88	0.0224	0.000219	8.06	0.00144	0.0375	0.00016	0.000177	0.0000605	0.0751	0.000002	0.0000631	0.000442	0.00165	0.0000739
2051 May	109	0.0407	0.0406	0.00185	19.5	0.0263	9.52	0.00101	0.000996	0.00000513	0.00631	0.000945	0.012	0.0143	0.00000503	13.2	0.0000176	0.000199	0.000164	0.000795	0.0434	0.00000821	1.2	1.92	0.0233	0.000221	8.15	0.00146	0.0381	0.000168	0.000179	0.0000617	0.0768	0.00000202	0.0000639	0.000454	0.00167	0.0000741
2051 Jun	106	0.0398	0.0404	0.00178	19.7	0.0243	8.93	0.000965	0.000948	0.00000493	0.00594	0.000925	0.0114	0.0147	0.00000488	13.3	0.0000169	0.000201	0.000179	0.000774	0.0439	0.0000077	1.2	1.94	0.0263	0.000202	8.26	0.00142	0.036	0.000198	0.000176	0.0000626	0.0789	0.00000193	0.0000613	0.000474	0.0016	0.0000781
2051 Jul	110	0.041	0.0443	0.0019	21.1	0.0249	9.44	0.000983	0.000963	0.00000499	0.00592	0.000912	0.0118	0.0143	0.00000488	13.1	0.0000169	0.000197	0.000171	0.000783	0.0424	0.00000758	1.22	1.92	0.0248	0.000207	8.94	0.00147	0.0351	0.000184	0.000177	0.000063	0.0792	0.00000196	0.0000627	0.000457	0.0016	0.0000903
2051 Aug	112	0.0411	0.0436	0.00188	20.9	0.0254	9.35	0.000987	0.000967	0.00000501	0.00593	0.000918	0.0119	0.0143	0.0000049	13.1	0.0000166	0.000197	0.00017	0.000784	0.0424	0.00000766	1.22	1.92	0.0245	0.000213	8.85	0.00146	0.0354	0.000181	0.000174	0.0000629	0.0791	0.00000197	0.0000628	0.00045	0.0016	0.0000885
2051 Sep	109	0.0427	0.0422	0.00184	20.5	0.0257	9.14	0.000973	0.000953	0.00000494	0.00589	0.000909	0.0117	0.0142	0.00000483	13	0.0000163	0.000194	0.000166	0.000779	0.0417	0.00000759	1.2	1.89	0.0236	0.000221	8.65	0.00143	0.0354	0.000172	0.000166	0.0000614	0.0778	0.00000194	0.0000626	0.000433	0.00155	0.0000856
2051 Oct	107	0.0476	0.0413	0.0018	20.4	0.0265	9.01	0.000949	0.000929	0.00000481	0.00582	0.000886	0.0115	0.0138	0.0000047	12.7	0.0000155	0.000186	0.000157	0.000775	0.04	0.00000737	1.17	1.83	0.0215	0.000244	8.56	0.00139	0.035	0.000152	0.00015	0.0000586	0.076	0.00000189	0.0000633	0.000395	0.00146	0.0000851
2051 Nov	107	0.0482	0.0413	0.0018	20.4	0.0266	9.03	0.00095	0.00093	0.00000482	0.00584	0.000887	0.0116	0.0138	0

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2054 Dec	108	0.0483	0.0419	0.00177	21.2	0.0257	8.9	0.000973	0.00095	0.00000491	0.00583	0.00102	0.0114	0.0175	0.00000481	15.5	0.00001 6	0.000223	0.000224	0.000844	0.0501	0.00000769	1.33	2.22	0.0337	0.00023	8.84	0.00148	0.0373	0.000264	0.000164	0.000699	0.0914	0.00000194	0.0000661	0.000517	0.00152	0.0000807
2055 Jan	108	0.0484	0.0419	0.00177	21.2	0.0257	8.91	0.000973	0.000951	0.00000491	0.00583	0.00102	0.0114	0.0175	0.00000481	15.6	0.000016	0.000223	0.000225	0.000845	0.0502	0.00000769	1.33	2.22	0.0338	0.00023	8.84	0.00148	0.0374	0.000264	0.000164	0.00007	0.0914	0.00000194	0.0000661	0.000518	0.00152	0.0000806
2055 Feb	108	0.0484	0.0419	0.00177	21.2	0.0257	8.91	0.000973	0.000951	0.00000491	0.00583	0.00102	0.0114	0.0176	0.00000481	15.6	0.000016	0.000224	0.000225	0.000845	0.0502	0.00000769	1.33	2.22	0.0339	0.00023	8.84	0.00148	0.0374	0.000265	0.000164	0.00007	0.0915	0.00000194	0.0000661	0.000518	0.00152	0.0000806
2055 Mar	108	0.0484	0.0419	0.00177	21.2	0.0257	8.91	0.000974	0.000951	0.00000492	0.00584	0.00102	0.0114	0.0176	0.00000481	15.6	0.000016	0.000224	0.000225	0.000846	0.0503	0.00000769	1.33	2.23	0.0339	0.00023	8.85	0.00148	0.0374	0.000265	0.000164	0.00007	0.0916	0.00000194	0.0000662	0.000519	0.00152	0.0000806
2055 Apr	108	0.0486	0.042	0.00177	21.3	0.0258	8.94	0.000976	0.000953	0.00000493	0.00585	0.00102	0.0114	0.0176	0.00000482	15.6	0.000016 1	0.000224	0.000226	0.000848	0.0504	0.00000771	1.33	2.23	0.034	0.000231	8.87	0.00149	0.0375	0.000266	0.000165	0.000702	0.0919	0.00000194	0.0000663	0.00052	0.00152	0.0000808
2055 May	108	0.0491	0.0425	0.00179	21.5	0.0261	9.03	0.0009 87	0.000963	0.00000498	0.00591	0.00103	0.0115	0.0178	0.00000488	15.8	0.000016 1	0.000227	0.000229	0.000857	0.051	0.0000078	1.35	2.26	0.0344	0.000233	8.97	0.0015	0.0379	0.000269	0.000166	0.000071	0.0929	0.00000196	0.0000671	0.000526	0.00154	0.0000817
2055 Jun	109	0.0441	0.0449	0.00186	21.2	0.0251	9.04	0.000975	0.000947	0.00000492	0.00579	0.000943	0.0117	0.0153	0.0000048	13.9	0.000016 2	0.000208	0.00019	0.000799	0.0446	0.00000747	1.26	2.01	0.0279	0.000217	8.99	0.00147	0.0353	0.000211	0.000169	0.0000654	0.0837	0.00000194	0.0000655	0.000472	0.00154	0.0000886
2055 Jul	116	0.0449	0.0493	0.00198	22.4	0.0257	9.67	0.000996	0.000963	0.00000502	0.00579	0.000933	0.0121	0.0149	0.00000489	13.6	0.000016 3	0.000206	0.000183	0.000807	0.0432	0.00000739	1.28	2	0.0265	0.000222	9.6	0.00152	0.0345	0.000198	0.000171	0.0000661	0.0839	0.00000198	0.0000676	0.000458	0.00155	0.000099
2055 Aug	119	0.0461	0.0505	0.00203	23	0.0264	9.91	0.00102	0.000989	0.00000515	0.00594	0.000958	0.0125	0.0153	0.00000502	14	0.000016 7	0.000211	0.000187	0.000828	0.0443	0.00000759	1.32	2.06	0.0271	0.000228	9.85	0.00156	0.0355	0.000203	0.000175	0.0000678	0.0861	0.00000203	0.0000694	0.00047	0.00159	0.000101
2055 Sep	118	0.0461	0.0498	0.00201	22.8	0.0264	9.81	0.00102	0.000984	0.00000512	0.00592	0.000954	0.0124	0.0152	0.000005	13.9	0.000016 5	0.00021	0.000186	0.000825	0.0441	0.00000758	1.31	2.04	0.0269	0.00023	9.74	0.00155	0.0354	0.0002	0.000173	0.0000673	0.0856	0.00000202	0.0000691	0.000464	0.00158	0.0001
2055 Oct	118	0.0464	0.0498	0.00202	22.8	0.0265	9.82	0.00102	0.000986	0.00000513	0.00594	0.000957	0.0124	0.0153	0.00000501	14	0.000016 6	0.00021	0.000186	0.000827	0.0442	0.0000076	1.31	2.05	0.0269	0.000231	9.75	0.00155	0.0356	0.0002	0.000173	0.0000673	0.0857	0.00000202	0.0000693	0.000465	0.00158	0.0001
2055 Nov	118	0.0465	0.0498	0.00202	22.8	0.0266	9.83	0.00102	0.000988	0.00000514	0.00595	0.000958	0.0124	0.0153	0.00000501	14	0.000016 6	0.000211	0.000186	0.000828	0.0442	0.00000761	1.31	2.05	0.0269	0.000232	9.76	0.00155	0.0356	0.0002	0.000173	0.0000674	0.0858	0.00000202	0.0000694	0.000465	0.00158	0.0001
2055 Dec	118	0.0466	0.0498	0.00202	22.8	0.0266	9.82	0.00102	0.000988	0.00000514	0.00595	0.000958	0.0124	0.0153	0.00000501	14	0.000016 6	0.000211	0.000186	0.000828	0.0443	0.00000761	1.31	2.05	0.0269	0.000232	9.75	0.00155	0.0357	0.0002	0.000173	0.0000674	0.0858	0.00000202	0.0000694	0.000465	0.00158	0.0000999
2056 Jan	118	0.0466	0.0498	0.00202	22.8	0.0266	9.82	0.00102	0.000988	0.00000514	0.00596	0.000959	0.0124	0.0153	0.00000501	14	0.000016 6	0.000211	0.000186	0.000829	0.0443	0.00000762	1.31	2.05	0.0269	0.000232	9.75	0.00155	0.0357	0.0002	0.000173	0.0000674	0.0859	0.00000202	0.0000694	0.000465	0.00158	0.0000999
2056 Feb	118	0.0467	0.0498	0.00202	22.8	0.0266	9.82	0.00102	0.000988	0.00000514	0.00596	0.00096	0.0124	0.0153	0.00000501	14	0.000016 6	0.000211	0.000187	0.000829	0.0444	0.00000762	1.31	2.05	0.027	0.000232	9.75	0.00155	0.0357	0.0002	0.000173	0.0000674	0.0859	0.00000203	0.0000694	0.000466	0.00158	0.0000998
2056 Mar	118	0.0467	0.0498	0.00202	22.8	0.0266	9.83	0.00102	0.000988	0.00000514	0.00596	0.000961	0.0124	0.0153	0.00000502	14	0.000016 6	0.000211	0.000187	0.00083	0.0444	0.00000762	1.31	2.06	0.027	0.000233	9.76	0.00155	0.0357	0.000201	0.000173	0.0000675	0.086	0.00000203	0.0000695	0.000466	0.00158	0.0000998
2056 Apr	119	0.0469	0.0499	0.00202	22.9	0.0267	9.86	0.00102	0.000991	0.00000516	0.00598	0.000964	0.0125	0.0154	0.00000503	14.1	0.000016 7	0.000212	0.000188	0.000832	0.0446	0.00000765	1.32	2.06	0.0271	0.000233	9.79	0.00156	0.0358	0.000201	0.000174	0.0000677	0.0863	0.00000203	0.0000697	0.000468	0.00159	0.0001
2056 May	119	0.0481	0.0494	0.002	23	0.0266	9.85	0.00103	0.000997	0.00000518	0.00603	0.001	0.0124	0.0165	0.00000506	14.9	0.000016 9	0.000222	0.000206	0.000853	0.0475	0.00000776	1.36	2.17	0.0305	0.000233	9.79	0.00158	0.0368	0.000231	0.000176	0.0000705	0.0905	0.00000204	0.0000704	0.000502	0.0016	0.0000974
2056 Jun	116	0.0503	0.0477	0.00187	23	0.0247	9.69	0.000982	0.000951	0.00000493	0.00572	0.00106	0.0116	0.0191	0.00000482	16.8	0.000016 4	0.000242	0.000258	0.000876	0.0538	0.0000075	1.42	2.44	0.0398	0.000224	9.62	0.00158	0.0368	0.000318	0.000174	0.0000766	0.0999	0.00000195	0.0000695	0.00058	0.00153	0.0000887
2056 Jul	120	0.0516	0.0498	0.00195	23.8	0.0257	10.1	0.00101	0.000982	0.0000051	0.00588	0.00109	0.012	0.0194	0.00000498	17.1	0.000016 8	0.000247	0.000262	0.000902	0.0549	0.00000771	1.46	2.49	0.0403	0.000231	9.98	0.00163	0.0377	0.000321	0.000178	0.0000786	0.102	0.00000201	0.0000718	0.000588	0.00158	0.0000929
2056 Aug	120	0.052	0.0498	0.00196	23.9	0.0262	10.1	0.00103	0.000994	0.00000516	0.00595	0.0011	0.0121	0.0196	0.00000504	17.3	0.000016 8	0.000249	0.000263	0.000912	0.0553	0.00000783	1.47	2.51	0.0404	0.000236	10	0.00164	0.0382	0.000321	0.000179	0.0000792	0.103	0.00000204	0.0000725	0.000588	0.00159	0.0000928
2056 Sep	122	0.0529	0.0504	0.00199	24.2	0.0267	10.2	0.00104	0.00101	0.00000524	0.00604	0.00112	0.0123	0.0199	0.00000512	17.5	0.000017 1	0.000253	0.000266	0.000925	0.0561	0.00000796	1.49	2.54	0.0409	0.000241	10.1	0.00166	0.0389	0.000325	0.000181	0.0000803	0.105	0.00000207	0.0000736	0.000595	0.00161	0.0000938
2056 Oct	120	0.0526	0.0493	0.00195	23.8	0.0265	10	0.00103	0.000995	0.00000516	0.00597	0.0011	0.0121	0.0196	0.00000505	17.3	0.000016 8	0.000249	0.000261	0.000913	0.0553	0.00000786	1.47	2.5	0.0401	0.00024	9.96	0.00163	0.0385	0.000318	0.000177	0.0000789	0.103	0.00000204	0.0000727	0.000584	0.00159	0.0000918
2056 Nov	119	0.0529	0.0489	0.00194	23.7	0.0265	9.99	0.00103	0.000993	0.00000515	0.00598	0.0011	0.0121	0.0195	0.00000504	17.2	0.000016 8	0.000248	0.00026	0.000912	0.0551	0.00000787	1.46	2.49	0.0398	0.000242	9.91	0.00163	0.0385	0.000316	0.000176	0.0000784	0.102	0.00000203	0.0000726	0.000581	0.00158	0.0000891
2056 Dec	119	0.053	0.0489	0.00194	23.7	0.0266	9.99	0.00103	0.000994	0.00000515	0.00598	0.0011	0.0121	0.0195	0.00000504	17.2	0.000016 8	0.000248	0.00026	0.000912	0.0551	0.00000787	1.46	2.49	0.0398	0.000242	9.9	0.00163	0.0386	0.000316	0.000175	0.0000784	0.102	0.00000203	0.0000727	0.00058	0.00158	0.0000909
2057 Jan	119	0.053	0.0489	0.00194	23.7	0.0266	9.99	0.00103	0.000994	0.00000515	0.00599	0.0011	0.0121	0.0196	0.00000504	17.3	0.000016 8	0.000248	0.00026	0.000912	0.0551	0.00000787	1.47	2.5	0.0398	0.000242	9.9	0.00163	0.0386	0.000316	0.000175	0.0000784	0.102	0.00000203	0.0000727	0.00058	0.00158	0.0000909
2057 Feb	119	0.053	0.0489	0.00194	23.7	0.0266	9.99	0.00103	0.000994	0.00000515	0.00599	0.0011	0.0121	0.0196	0.00000504	17.3	0.000016 8	0.000248	0.00026	0.000913	0.0552	0.00000787	1.47	2.5	0.0398	0.000242	9.9	0.00163	0.0386	0.000316	0.000176	0.0000784	0.103	0.00000203	0.0000727	0.000581	0.00158	0.0000909
2057 Mar	119	0.0531	0.0489	0.00194	23.7	0.0266	10	0.00103	0.000995	0.00000516	0.00599	0.0011	0.0121	0.0196	0.00000504	17.3	0.000016 8	0.000248	0.000261	0.000914	0.0552	0.00000788	1.47	2.5	0.0399	0.000243	9.91	0.00163	0.0386	0.000316	0.000176	0.0000785	0.103	0.00000204	0.0000727	0.000582	0.00158	0.0000909
2057 Apr	119	0.0533	0.0491	0.00195	23.8	0.0267	10	0.00103	0.000998	0.00000517	0.00601	0.00111	0.0122	0.0197	0.00000506	17.3	0.000016 8	0.000249	0.000262	0.000917	0.0554	0.0000079	1.47	2.51	0.04	0.000243	9.94	0.00163	0.0387	0.000317	0.000176	0.0000788	0.103	0.00000204	0.000073	0.000584	0.00159	0.0000912
2057 May	121	0.054	0.0496	0.00197	24.1	0.027	10.1	0.00104	0.00101	0.00000524	0.00609	0.00112	0.0123	0.02	0.00000512	17.6	0.000017 1	0.000253	0.000266	0.000929	0.0563	0.00000801	1.49	2.55	0.0407	0.000246	10.1	0.00165	0.0393	0.000323	0.000179	0.0000799	0.104	0.00000207	0.0000739	0.000593	0.00161	0.0000921
2057 Jun	112	0.0481	0.0464	0.00186	22.1	0.025	9.38	0.000994	0.000963	0.00000499	0.00587	0.00105	0.0117	0.0183	0.00000488	16.2	0.000016 8	0.000239	0.000242	0.000862	0.0524	0.0000077	1.39	2.34	0.0372	0.000222	9.27	0.00155	0.0374	0.000294	0.000177	0.0000743	0.0962	0.00000197	0.0000696	0.000563	0.00157	0.0000846
2057 Jul	116	0.0486	0.0487	0.00193	22.8	0.0256	9.74	0.00101	0.00098	0.00000508	0.00594	0.00105	0.012	0.0181	0.00000497	16.1	0.000016 9	0.000239	0.000238	0.000871	0.0519	0.0000077 5	1.4	2.34	0.0364	0.000227	9.59	0.00159	0.0374	0.000286	0.000179	0.0000748	0.0964	0.00000201	0.0000712	0.000557	0.0016	0.0000896
2057 Aug	122	0.051	0.0511	0.00203	23.9	0.0269	10.2	0.00107	0.00103	0.00000534	0.00624	0.00111	0.0127	0.0191	0.00000523	16.9	0.000017 8	0.000251	0.00025	0.000916	0.0545	0.00000815	1.47	2.46	0.0382	0.000238	10.1	0.00167	0.0393	0.0003	0.000188	0.0000786	0.101	0.00000211	0.0000748	0.000585	0.00168	0.000094
2057 Sep	123	0.0516	0.0516	0.00205	24.2	0.0272	10.3	0.00108	0.00104	0.0000054	0.00631	0.00112	0.0128	0.0193	0.00000528	17.1	0.000018	0.000254	0.000253	0.000926	0.0551	0.00000825	1.49	2.49	0.0386	0.000241	10.2	0.00169	0.0398	0.000303	0.00019	0.0000795	0.102	0.00000213	0.0000757	0.000591	0.00169	0.000095
2057 Oct	122	0.0517	0.0512	0.00204	24	0.0271	10.3	0.00107	0.00104	0.00000537	0.00629	0.00111	0.0127	0.0192	0.00000525	17	0.000017 9	0.000252	0.000251	0.000921	0.0548	0.00000821	1.48	2.47	0.0382	0.000241	10.1	0.00167	0.0396	0.0003	0.000188	0.0000788	0.102	0.00000212	0.0000753	0.000586	0.00168	0.0000941
2057 Nov	122	0.0521	0.051	0.00203	23.9	0.0273	10.2	0.00107	0.00104	0.00000538	0.0063	0.00111	0.0127	0.0192	0.00000526	17	0.000017 9	0.000252	0.00025	0.000923	0.0548	0.00000823	1.48	2.47	0.0381	0.000244	10.1	0.00167	0.0398	0.000299	0.000188	0.0000787	0.102	0.00000212	0.0000755	0.000584	0.00168	0.0000936
2057 Dec	122	0.0521	0.0509	0.00203	23.9	0.0273	10.2	0.00107	0.00104	0.00000538	0.00631	0.00111	0.0127	0.0192	0.00000526	17	0.000017 9	0.000252	0.000251	0.000923	0.0548	0.00000824	1.48	2.47	0.0381	0.000244	10.1	0.00167	0.0398	0.000299	0.000188	0.0000787	0.102	0.00000212	0.0000755	0.000584	0.00168	0.0000936
2058 Jan	122	0.0522	0.0509	0.00203	23.9	0.0273	10.2	0.00107	0.00104	0.00000538	0.00631	0.00111	0.0127	0.0192	0.00000526	17.1	0.000017 9	0.000252	0.000251	0.000923	0.0548	0.00000824	1.48	2.47	0.0381	0.000244	10.1	0.00167	0.0398	0.000299	0.000188	0.0000787	0.102	0.00000212	0.0000755	0.000584	0.00168	0.0000935
2058 Feb	122	0.0522	0.0509	0.00203	23.9	0.0273	10.2	0.00107	0.00104	0.00000538	0.00631	0.00111	0.0127	0.0192	0.00000526	17.1	0.000017 9	0.000252	0.000251	0.000924	0.0549	0.00000824	1.48	2.47	0.0382	0.000244	10.1	0.00167	0.0398	0.000299	0.000188	0.0000787	0.102	0.00000212	0.0000755	0.000585	0.00168	0.0000935
2058 Mar	122	0.0522	0.0509	0.00203	23.9	0.0273	10.2	0.00107	0.00104	0.00000538	0.00631	0.00112	0.0127	0.0192	0.00000526	17.1	0.000017 9	0.000252	0.000251	0.000924	0.0549	0.00000824	1.48	2.48	0.0382	0.000244	10.1	0.00167	0.0398	0.000299	0.000188	0.0000787	0.102	0.00000212	0.0000755	0.000585	0.00168	0.0000935
2058 Apr	122	0.0523	0.051	0.00203	24	0.0274	10.3	0.00107	0.00104	0.00000539	0.00632	0.00112	0.0128	0.0193	0.00000527	17.1	0.000017 9	0.000252	0.000251	0.000926	0.055	0.00000826	1.49	2.48	0.0383	0.000245	10.1	0.00168	0.0399	0.0003	0.000188	0.0000789	0.102	0.00000213	0.0000757	0.000586	0.00168	0.0000937
2058 May	121	0.0536	0.0502	0.002	24.1	0.0271	10.2	0.00107	0.00104	0.00000538	0.00635	0.00116	0.0126	0.0205	0.00000527	18.1	0.000018 1	0.000264	0.000274	0.000947	0.0584	0.00000835	1.53	2.61	0.0423	0.000244	10.1	0.00169	0.0409	0.000336	0.000191	0.0000821	0.107	0.00000213	0.0000761	0.000626	0.00169	0.00009
2058 Jun	119	0.054	0.0502	0.0019	24	0.0246	10.2	0.000996	0.00096	0.00000498	0.00575	0.00115	0.0117	0.0216	0.00000487	18.8	0.000016 8	0.000269	0.000303	0.000931	0.0603	0.00000763	1.53	2.73	0.0479	0.000229	9.94	0.00166	0.0382	0.00039	0.00018	0.0000846	0.111	0.00000197	0.0000737	0.000656	0.00155	0.000086
2058 Jul	125	0.0553	0.0538	0.00201	25.1	0.0255	10.7	0.00103	0.000985	0.00000512	0.00584	0.00116	0.0122	0.0215	0.000005	18.8	0.000017	0.000271	0.0003	0.000948	0.0599	0.0000077	1.56	2.75	0.0471	0.000238	10.5	0.00171	0.0383	0.000382	0.000183	0.0000858	0.112	0.00000202	0.0000764	0.00065	0.00158	0.0000936
2058 Aug	128	0.0569	0.0552	0.00206	25.8	0.0263	11	0.00105	0.00101	0.00000526	0.00601	0.0012	0.0125	0.0221	0.00000515	19.3	0.000017 4	0.000278	0.000308	0.000975	0.0616	0.00000792	1.6	2.83	0.0484	0.000245	10.7	0.00176	0.0394	0.000392	0.000188	0.0000882	0.115	0.00000208	0.0000785	0.000668	0.00162	0.0000961
2058 Sep	127	0.0569	0.0547	0.00205	25.6	0.0262	11	0.00105	0.00101	0.00000524	0.00599	0.00119	0.0125	0.022	0.00000512	19.2	0.000017 3	0.000276	0.000306	0.00097	0.0612	0.0000079	1.59	2.81	0.048	0.000246	10.7	0.00175	0.0393	0.000388	0.000186	0.0000875	0.114	0.00000207	0.0000782	0.000662	0.00161	0.0000951
2058 Oct	126	0.0571	0.054	0.00203	25.3	0.0263	10.8	0.00104	0.001	0.00000521	0.00598	0.00118	0.0124	0.0218	0.00000501	19.1	0.000017 2	0.000274	0.000303	0.000965	0.0608	0.00000787	1.58	2.79	0.0474	0.000247	10.5	0.00173	0.0393	0.000383	0.000184	0.0000866	0.113	0.00000206	0.0000778	0.000655	0.0016	0.0000938
2058 Nov	126	0.0572	0.0539	0.00203	25.3	0.0263	10.9	0.00104	0.001	0.00000522	0.006	0.00118	0.0124	0.0218	0.00000501	19.1	0.000017 2	0.000275	0.000303	0.000967	0.0608	0.00000789	1.58	2.79	0.0474	0.000248	10.5	0.00173	0.0394	0.000383	0.000184	0.0000867	0.113	0.00000206	0.0000778	0.000655	0.0016	0.0000938
2058 Dec	126	0.0573	0.0539	0.00203	25.3	0.0264	10.9	0.00105	0.00101	0.00000522	0.006	0.00118	0.0124	0.0218	0.00000501	19.1	0.000017 3	0.000275	0.000303	0.000967	0.0608	0.00000789	1.58	2.79	0.0474	0.000249	10.5	0.00173	0.0394	0.000383	0.000184	0.0000867	0.113	0.00000206	0.0000778	0.000655	0.0016	0.0000937
2059 Jan	126	0.0573	0.0539	0.00203	25.3	0.0264	10.9	0.00105	0.001	0.00000522	0.006	0.00118	0.0124	0.0218	0.00000501	19.1	0.000017 2	0.000275	0.000303	0.000967	0.0608	0.00000789	1.58	2.79	0.0474	0.000249	10.5	0.00173	0.0394	0.000383	0.000184	0.0000867	0.113	0.00000206	0.0000778	0.000655	0.0016	0.0000937
2059 Feb	126	0.0573	0.0539	0.00203	25.3	0.0264	10.9	0.00105	0.00101	0.00000522	0.006	0.00119	0.0124	0.0219	0.0000051	19.1	0.000017 3	0.000275	0.000303	0.000967	0.0609	0.00000789	1.58	2.79	0.0474	0.000249	10.5	0.00173	0.0394	0.000383	0.000184	0.0000867	0.114	0.00000206	0.0000778	0.000655	0.0016	0.0000937
2059 Mar	126	0.0573	0.0539	0.00203	25.3	0.0264	10.9	0.00105	0.00101	0.00000522	0.006	0.00119	0.0124	0.0219	0.0000051	19.1	0.000017 3	0.000275	0.000303	0.000967	0.0609	0.00000789	1.58	2.79	0.0474	0.000249	10.5	0.00173	0.0394	0.000383	0.000184	0.0000867	0.114	0.00000206	0.0000778	0.000655	0.0016	0.0000937
2059 Apr	126	0.0575	0.054	0.00203	25.4	0.0264	10.9	0.00105	0.00101	0.00000523	0.00601	0.00119	0.0124	0.0219	0.00000512	19.2	0.000017 3	0.000275	0.000304	0.00097	0.061	0.00000791	1.59	2.8	0.0476	0.000249	10.6	0.00174	0.0395	0.000384	0.000184	0.0000869	0.114	0.00000207	0.0000782	0.000657	0.0016	0.0000939
2059 May	127	0.0582	0.0537	0.00202	25.5	0.0265	10.9	0.00105	0.00101	0.00000526	0.00607	0.00121	0.0124

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2062 Jun	117	0.0573	0.0514	0.00196	23.5	0.027	10.4	0.00105	0.001	0.00000518	0.00619	0.00118	0.0126	0.0212	0.00000509	18.7	0.0000174	0.000278	0.000287	0.000951	0.0594	0.00000815	1.54	2.7	0.0446	0.000263	9.73	0.00168	0.0406	0.000354	0.00018	0.0000837	0.109	0.00000206	0.0000808	0.00063	0.00161	0.0000801
2062 Jul	118	0.0549	0.0537	0.00202	23.5	0.0268	10.6	0.00105	0.001	0.0000052	0.00615	0.00115	0.0128	0.0202	0.0000051	17.9	0.0000175	0.000272	0.000271	0.000932	0.0569	0.00000805	1.52	2.61	0.0419	0.000258	9.86	0.00169	0.0395	0.00033	0.000183	0.0000821	0.106	0.00000207	0.0000814	0.000608	0.00162	0.0000843
2062 Aug	117	0.0549	0.053	0.00201	23.4	0.0273	10.5	0.00106	0.00101	0.00000522	0.00616	0.00116	0.0129	0.0202	0.00000512	17.9	0.0000173	0.000272	0.000268	0.000933	0.0567	0.00000813	1.52	2.6	0.0414	0.000262	9.78	0.00168	0.0398	0.000326	0.00018	0.0000819	0.105	0.00000207	0.0000814	0.0006	0.00161	0.0000803
2062 Sep	114	0.0549	0.0512	0.00195	22.8	0.0272	10.3	0.00104	0.00099	0.00000512	0.00608	0.00114	0.0126	0.0197	0.00000503	17.5	0.0000169	0.000265	0.00026	0.000917	0.0554	0.00000801	1.48	2.54	0.04	0.000264	9.51	0.00164	0.0393	0.000313	0.000174	0.0000796	0.103	0.00000203	0.00008	0.000579	0.00157	0.0000801
2062 Oct	115	0.0618	0.0533	0.00199	23.2	0.0286	10.7	0.00102	0.000964	0.00000499	0.00598	0.0011	0.0128	0.0189	0.0000049	17	0.0000158	0.000255	0.000243	0.000916	0.052	0.00000766	1.46	2.47	0.0361	0.0003	9.69	0.00161	0.0383	0.000276	0.000152	0.0000764	0.1	0.00000199	0.0000832	0.000517	0.00144	0.0000835
2062 Nov	115	0.0624	0.0534	0.002	23.3	0.0289	10.7	0.00102	0.000966	0.000005	0.006	0.0011	0.0129	0.0189	0.0000049	17	0.0000158	0.000255	0.000242	0.000919	0.052	0.00000768	1.46	2.47	0.036	0.000303	9.7	0.00162	0.0384	0.000274	0.000151	0.0000763	0.1	0.00000199	0.0000836	0.000514	0.00144	0.0000836
2062 Dec	115	0.0625	0.0533	0.002	23.3	0.0289	10.7	0.00102	0.000966	0.000005	0.006	0.0011	0.0129	0.0189	0.0000049	17	0.0000158	0.000255	0.000242	0.000919	0.052	0.00000768	1.46	2.47	0.0359	0.000304	9.7	0.00162	0.0384	0.000274	0.000151	0.0000763	0.1	0.00000199	0.0000836	0.000514	0.00144	0.0000835
2063 Jan	115	0.0625	0.0533	0.00199	23.3	0.0289	10.7	0.00102	0.000966	0.00000501	0.006	0.0011	0.0129	0.0189	0.0000049	17	0.0000158	0.000255	0.000242	0.000919	0.0521	0.00000768	1.46	2.47	0.036	0.000304	9.7	0.00162	0.0385	0.000274	0.000151	0.0000763	0.1	0.00000199	0.0000836	0.000514	0.00144	0.0000835
2063 Feb	115	0.0625	0.0533	0.00199	23.3	0.0289	10.7	0.00102	0.000966	0.00000501	0.006	0.00111	0.0129	0.0189	0.0000049	17	0.0000158	0.000255	0.000242	0.00092	0.0521	0.00000768	1.46	2.47	0.036	0.000304	9.7	0.00162	0.0385	0.000274	0.000151	0.0000763	0.1	0.00000199	0.0000837	0.000515	0.00144	0.0000835
2063 Mar	115	0.0625	0.0534	0.002	23.3	0.0289	10.7	0.00102	0.000966	0.00000501	0.00601	0.00111	0.0129	0.0189	0.0000049	17	0.0000158	0.000256	0.000243	0.00092	0.0521	0.00000768	1.46	2.48	0.036	0.000304	9.7	0.00162	0.0385	0.000274	0.000151	0.0000764	0.1	0.00000199	0.0000837	0.000515	0.00144	0.0000835
2063 Apr	116	0.0627	0.0534	0.002	23.3	0.0289	10.8	0.00102	0.000968	0.00000502	0.00602	0.00111	0.0129	0.019	0.00000493	17.1	0.0000158	0.000256	0.000243	0.000922	0.0522	0.0000077	1.46	2.48	0.0361	0.000304	9.72	0.00162	0.0386	0.000275	0.000152	0.0000765	0.101	0.000002	0.0000838	0.000516	0.00144	0.0000836
2063 May	117	0.0632	0.0538	0.002	23.6	0.0289	10.9	0.00103	0.000975	0.00000505	0.00605	0.00114	0.0129	0.0197	0.00000496	17.7	0.0000161	0.000264	0.000257	0.000938	0.0543	0.00000778	1.49	2.56	0.0386	0.000303	9.82	0.00165	0.0391	0.000297	0.000155	0.0000789	0.104	0.00000201	0.0000846	0.000542	0.00146	0.0000832
2063 Jun	118	0.0562	0.0592	0.00206	23.8	0.0259	11.2	0.000997	0.000928	0.00000483	0.00554	0.0011	0.0128	0.019	0.00000474	17.1	0.0000156	0.000267	0.000258	0.000894	0.0524	0.00000715	1.48	2.54	0.0399	0.000267	10	0.00166	0.0353	0.000312	0.000164	0.0000804	0.103	0.00000193	0.0000848	0.000555	0.00143	0.0000881
2063 Jul	122	0.0567	0.0633	0.00217	24.6	0.0265	11.7	0.00101	0.000935	0.00000488	0.00551	0.00109	0.0132	0.0186	0.00000479	16.8	0.0000155	0.000268	0.000251	0.000898	0.051	0.00000707	1.5	2.54	0.0385	0.000274	10.5	0.0017	0.0345	0.000299	0.000164	0.0000809	0.103	0.00000195	0.0000877	0.000539	0.00143	0.0000947
2063 Aug	127	0.0588	0.0655	0.00224	25.5	0.0275	12.2	0.00105	0.000972	0.00000507	0.00572	0.00114	0.0137	0.0193	0.00000497	17.4	0.0000161	0.000278	0.00026	0.000932	0.0529	0.00000735	1.55	2.63	0.0399	0.000285	10.8	0.00177	0.0359	0.000309	0.00017	0.0000838	0.106	0.00000202	0.0000909	0.000558	0.00148	0.000098
2063 Sep	125	0.0589	0.0642	0.00222	25.2	0.0279	12	0.00105	0.000973	0.00000507	0.00574	0.00113	0.0137	0.0192	0.00000497	17.4	0.0000159	0.000276	0.000257	0.00093	0.0526	0.00000741	1.54	2.61	0.0393	0.000289	10.7	0.00175	0.0361	0.000303	0.000167	0.0000832	0.106	0.00000202	0.0000904	0.000548	0.00148	0.0000959
2063 Oct	122	0.0586	0.0625	0.00217	24.7	0.0277	11.7	0.00103	0.000959	0.00000499	0.00569	0.00112	0.0135	0.0189	0.0000049	17.1	0.0000156	0.000271	0.000251	0.000917	0.0517	0.00000733	1.52	2.56	0.0383	0.000289	10.5	0.00171	0.0358	0.000295	0.000163	0.0000814	0.104	0.00000199	0.000089	0.000536	0.00145	0.0000933
2063 Nov	121	0.0591	0.0619	0.00216	24.5	0.0278	11.7	0.00103	0.000958	0.00000499	0.00571	0.00112	0.0135	0.0189	0.0000049	17.1	0.0000156	0.00027	0.00025	0.000917	0.0516	0.00000735	1.51	2.55	0.038	0.000291	10.4	0.00171	0.036	0.000292	0.000161	0.0000809	0.103	0.00000199	0.0000889	0.000532	0.00144	0.0000923
2063 Dec	121	0.0592	0.0619	0.00216	24.5	0.0279	11.7	0.00103	0.000958	0.00000499	0.00571	0.00112	0.0135	0.0189	0.0000049	17.1	0.0000156	0.00027	0.00025	0.000917	0.0517	0.00000736	1.51	2.55	0.038	0.000292	10.4	0.00171	0.0361	0.000292	0.000161	0.0000809	0.103	0.00000199	0.000089	0.000532	0.00144	0.0000922
2064 Jan	121	0.0592	0.0618	0.00216	24.5	0.0279	11.7	0.00103	0.000959	0.00000499	0.00571	0.00112	0.0135	0.0189	0.0000049	17.1	0.0000156	0.00027	0.00025	0.000917	0.0517	0.00000736	1.51	2.55	0.038	0.000292	10.4	0.00171	0.0361	0.000292	0.000161	0.0000809	0.103	0.00000199	0.000089	0.000532	0.00144	0.0000922
2064 Feb	121	0.0593	0.0618	0.00216	24.5	0.0279	11.7	0.00103	0.000959	0.00000499	0.00572	0.00112	0.0135	0.0189	0.0000049	17.1	0.0000156	0.000271	0.00025	0.000918	0.0517	0.00000736	1.51	2.55	0.0381	0.000292	10.4	0.00171	0.0361	0.000292	0.000161	0.0000809	0.104	0.00000199	0.000089	0.000533	0.00144	0.0000922
2064 Mar	121	0.0593	0.0619	0.00216	24.6	0.0279	11.7	0.00104	0.00096	0.000005	0.00572	0.00112	0.0135	0.0189	0.0000049	17.1	0.0000156	0.000271	0.000251	0.000919	0.0518	0.00000737	1.51	2.56	0.0381	0.000292	10.4	0.00171	0.0361	0.000292	0.000161	0.000081	0.104	0.00000199	0.0000891	0.000533	0.00145	0.0000922
2064 Apr	122	0.0595	0.062	0.00216	24.6	0.028	11.7	0.00104	0.000962	0.00000501	0.00573	0.00112	0.0135	0.019	0.00000491	17.2	0.0000157	0.000271	0.000252	0.000921	0.0519	0.00000739	1.52	2.56	0.0382	0.000293	10.4	0.00171	0.0362	0.000293	0.000162	0.0000812	0.104	0.000002	0.0000893	0.000535	0.00145	0.0000924
2064 May	122	0.0603	0.0616	0.00214	24.8	0.0276	11.7	0.00104	0.000963	0.00000501	0.00574	0.00116	0.0134	0.0202	0.00000492	18.1	0.0000159	0.000282	0.000273	0.000941	0.0551	0.00000746	1.56	2.69	0.0421	0.000289	10.4	0.00173	0.037	0.000329	0.000165	0.0000844	0.108	0.000002	0.0000896	0.000574	0.00146	0.0000898
2064 Jun	125	0.0601	0.0655	0.00216	25.4	0.0258	12.2	0.001	0.000918	0.00000479	0.00534	0.00118	0.0132	0.0211	0.0000047	18.8	0.0000153	0.000295	0.000299	0.000942	0.0572	0.00000698	1.6	2.84	0.0472	0.000278	10.7	0.00177	0.035	0.000376	0.000166	0.0000888	0.114	0.00000192	0.0000914	0.000612	0.00139	0.0000909
2064 Jul	128	0.0616	0.0677	0.00223	26.1	0.0265	12.6	0.00103	0.000943	0.00000492	0.00548	0.00121	0.0136	0.0216	0.00000483	19.2	0.0000157	0.000303	0.000305	0.000966	0.0583	0.00000715	1.64	2.9	0.0481	0.000286	11	0.00182	0.0358	0.000382	0.00017	0.000091	0.116	0.00000197	0.0000941	0.000624	0.00143	0.0000939
2064 Aug	129	0.0618	0.0676	0.00223	26.2	0.027	12.6	0.00104	0.000952	0.00000497	0.00553	0.00122	0.0137	0.0217	0.00000488	19.3	0.0000157	0.000304	0.000305	0.000973	0.0587	0.00000725	1.65	2.91	0.0481	0.000289	11	0.00183	0.0362	0.000382	0.00017	0.0000914	0.117	0.00000199	0.0000946	0.000624	0.00144	0.0000938
2064 Sep	123	0.0606	0.0642	0.00215	25.2	0.0271	12.1	0.00102	0.000937	0.00000488	0.00545	0.00119	0.0134	0.0211	0.0000049	18.8	0.0000151	0.000294	0.000293	0.000949	0.0568	0.00000721	1.6	2.81	0.0458	0.000291	10.6	0.00177	0.0359	0.000362	0.000162	0.0000883	0.113	0.00000195	0.0000918	0.000593	0.0014	0.0000887
2064 Oct	123	0.061	0.064	0.00215	25.2	0.0272	12.1	0.00102	0.000938	0.00000489	0.00547	0.00119	0.0134	0.0211	0.0000048	18.8	0.0000151	0.000295	0.000292	0.000951	0.0569	0.00000724	1.6	2.81	0.0457	0.000293	10.6	0.00177	0.036	0.000361	0.000161	0.0000882	0.113	0.00000195	0.0000919	0.000592	0.0014	0.0000884
2064 Nov	123	0.0612	0.0641	0.00215	25.2	0.0273	12.1	0.00102	0.000941	0.0000049	0.00549	0.00119	0.0134	0.0211	0.00000482	18.9	0.0000152	0.000295	0.000293	0.000954	0.057	0.00000726	1.6	2.82	0.0458	0.000294	10.6	0.00177	0.0362	0.000362	0.000162	0.0000884	0.113	0.00000196	0.0000922	0.000594	0.00141	0.0000886
2064 Dec	123	0.0612	0.0641	0.00215	25.2	0.0273	12.1	0.00102	0.000941	0.0000049	0.00549	0.00119	0.0134	0.0211	0.00000482	18.9	0.0000152	0.000295	0.000293	0.000954	0.057	0.00000726	1.6	2.82	0.0458	0.000294	10.6	0.00177	0.0362	0.000362	0.000162	0.0000884	0.113	0.00000196	0.0000922	0.000594	0.00141	0.0000886
2065 Jan	123	0.0613	0.0641	0.00215	25.2	0.0273	12.1	0.00102	0.000942	0.0000049	0.00549	0.00119	0.0134	0.0212	0.00000482	18.9	0.0000152	0.000295	0.000293	0.000954	0.0571	0.00000727	1.6	2.82	0.0459	0.000294	10.6	0.00177	0.0362	0.000362	0.000162	0.0000884	0.113	0.00000196	0.0000922	0.000594	0.00141	0.0000886
2065 Feb	124	0.0613	0.0641	0.00215	25.2	0.0273	12.1	0.00102	0.000942	0.0000049	0.0055	0.00119	0.0134	0.0212	0.00000482	18.9	0.0000152	0.000295	0.000293	0.000954	0.0571	0.00000727	1.6	2.82	0.0459	0.000294	10.6	0.00177	0.0362	0.000362	0.000162	0.0000884	0.113	0.00000196	0.0000922	0.000594	0.00141	0.0000886
2065 Mar	124	0.0614	0.0642	0.00215	25.3	0.0273	12.1	0.00103	0.000943	0.00000491	0.0055	0.0012	0.0135	0.0212	0.00000482	18.9	0.0000152	0.000296	0.000294	0.000956	0.0572	0.00000728	1.61	2.82	0.046	0.000294	10.6	0.00177	0.0363	0.000362	0.000162	0.0000885	0.113	0.00000196	0.0000923	0.000595	0.00141	0.0000887
2065 Apr	124	0.0616	0.0644	0.00216	25.3	0.0274	12.2	0.00103	0.000946	0.00000493	0.00552	0.0012	0.0135	0.0213	0.00000484	19	0.0000153	0.000297	0.000295	0.000959	0.0574	0.0000073	1.61	2.83	0.0461	0.000296	10.6	0.00178	0.0364	0.000364	0.000162	0.0000888	0.114	0.00000197	0.0000927	0.000597	0.00141	0.000089
2065 May	124	0.0621	0.0636	0.00214	25.4	0.0274	12.1	0.00103	0.000952	0.00000495	0.00558	0.00122	0.0134	0.0219	0.00000487	19.5	0.0000155	0.000303	0.000306	0.000972	0.0593	0.00000741	1.63	2.9	0.0481	0.000294	10.6	0.00179	0.0371	0.000382	0.000165	0.0000904	0.116	0.00000198	0.0000927	0.00062	0.00143	0.000087
2065 Jun	121	0.0578	0.0643	0.00213	24.5	0.0259	12	0.00101	0.0009	0.00000493	0.00539	0.00117	0.0133	0.0206	0.00000471	18.4	0.0000154	0.000284	0.000288	0.000927	0.0559	0.00000711	1.57	2.77	0.0454	0.000277	10.3	0.00175	0.0352	0.000359	0.000167	0.0000872	0.111	0.00000192	0.0000915	0.000597	0.00141	0.0000861
2065 Jul	129	0.0602	0.0692	0.00228	25.9	0.0272	12.9	0.00106	0.000963	0.00000502	0.00561	0.00121	0.0141	0.021	0.00000493	18.9	0.000016	0.000306	0.000293	0.000964	0.0571	0.00000736	1.64	2.86	0.046	0.000292	11	0.00185	0.0362	0.000362	0.000174	0.0000907	0.114	0.00000201	0.000097	0.00061	0.00147	0.0000931
2065 Aug	133	0.0622	0.0714	0.00236	26.7	0.0282	13.3	0.00109	0.000996	0.00000519	0.0058	0.00125	0.0146	0.0217	0.00000511	19.5	0.0000165	0.000316	0.000302	0.000996	0.059	0.00000763	1.69	2.95	0.0475	0.000302	11.3	0.00191	0.0375	0.000373	0.00018	0.0000936	0.118	0.00000208	0.0001	0.000629	0.00152	0.000096
2065 Sep	126	0.0618	0.0669	0.00224	25.4	0.028	12.6	0.00106	0.000967	0.00000504	0.00572	0.00121	0.0141	0.0209	0.00000495	18.8	0.0000159	0.000303	0.000287	0.000966	0.0568	0.00000749	1.62	2.82	0.0447	0.000303	10.7	0.00182	0.037	0.000349	0.000169	0.0000891	0.113	0.00000202	0.0000967	0.000594	0.00146	0.0000897
2065 Oct	117	0.0636	0.0613	0.0021	23.7	0.0283	11.8	0.00101	0.000925	0.00000481	0.00564	0.00114	0.0135	0.0194	0.00000474	17.6	0.000015	0.000281	0.000258	0.000925	0.0526	0.00000727	1.52	2.62	0.0392	0.000316	9.94	0.00169	0.0364	0.000301	0.000149	0.0000814	0.105	0.00000193	0.0000933	0.000526	0.00136	0.0000818
2065 Nov	117	0.0642	0.0616	0.0021	23.7	0.0285	11.8	0.00101	0.000924	0.00000481	0.00564	0.00114	0.0135	0.0193	0.00000473	17.5	0.0000149	0.00028	0.000255	0.000925	0.0521	0.00000725	1.51	2.6	0.0386	0.00032	9.95	0.00169	0.0364	0.000295	0.000147	0.0000809	0.104	0.00000193	0.0000937	0.000518	0.00135	0.0000821
2065 Dec	117	0.0643	0.0615	0.0021	23.7	0.0285	11.8	0.00101	0.000925	0.00000481	0.00565	0.00114	0.0135	0.0193	0.00000473	17.5	0.0000149	0.00028	0.000255	0.000925	0.0521	0.00000725	1.51	2.6	0.0386	0.000321	9.95	0.00169	0.0364	0.000294	0.000147	0.0000809	0.104	0.00000193	0.0000938	0.000518	0.00135	0.0000821
2066 Jan	117	0.0643	0.0615	0.0021	23.7	0.0285	11.8	0.00101	0.000925	0.00000481	0.00565	0.00114	0.0135	0.0193	0.00000473	17.5	0.0000149	0.00028	0.000255	0.000925	0.0521	0.00000726	1.51	2.6	0.0386	0.000321	9.95	0.00169	0.0364	0.000294	0.000147	0.0000809	0.104	0.00000193	0.0000938	0.000518	0.00135	0.000082
2066 Feb	117	0.0644	0.0615	0.0021	23.7	0.0285	11.8	0.00101	0.000925	0.00000481	0.00565	0.00114	0.0135	0.0193	0.00000473	17.5	0.0000149	0.00028	0.000255	0.000926	0.0522	0.00000726	1.51	2.61	0.0387	0.000321	9.95	0.00169	0.0364	0.000295	0.000147	0.0000809	0.104	0.00000193	0.0000938	0.000519	0.00135	0.000082
2066 Mar	117	0.0645	0.0616	0.00211	23.8	0.0286	11.9	0.00101	0.000927	0.00000482	0.00566	0.00114	0.0136	0.0194	0.00000474	17.5	0.000015	0.000281	0.000256	0.000928	0.0523	0.00000727	1.52	2.61	0.0388	0.000321	9.97	0.00169	0.0365	0.000295	0.000147	0.0000811	0.105	0.00000193	0.000094	0.00052	0.00135	0.0000822
2066 Apr	117	0.0647	0.0618	0.00211	23.8	0.0287	11.9	0.00101	0.000929	0.00000483	0.00567	0.00115	0.0136	0.0194	0.00000475	17.6	0.000015	0.000282	0.000257	0.00093	0.0525	0.00000729	1.52	2.62	0.0389	0.000322	9.99	0.0017	0.0366	0.000296	0.000147	0.0000813	0.105	0.00000194	0.0000942	0.000522	0.00135	0.0000823
2066 May	118	0.0653	0.0623	0.00213	24.1	0.0289	12	0.00102	0.000938	0.00000487	0.00573	0.00116	0.0137	0.0196	0.0000048	17.8	0.0000152	0.000285	0.00026	0.000939	0.0531	0.00000736	1.54	2.65	0.0394	0.000325	10.1	0.00171	0.037	0.0003	0.000149	0.0000821	0.106	0.00000195	0.000095	0.000528	0.00137	0.0000829
2066 Jun	118	0.0558	0.0667	0.00221	23.5	0.0267	12.3	0.00102	0.000917	0.00000478	0.00549	0.00109	0.014	0.0176	0.00000471	16.2	0.0000154	0.00028	0.000234	0.000879	0.0484	0.00000705	1.48	2.49	0.0359	0.00029	10	0.00172	0.034	0.000271	0.000163	0.0000801	0.0993	0.00000192	0.0000955	0.00051	0.00141	0.0000869
2066 Jul	127	0.0582	0.0727	0.00239	25	0.0282	13.3	0.00107	0.000964	0.00000503	0.00571	0.00114	0.015	0.0181	0.0000049	16.8	0.0000156	0.000295	0.000264	0.000922	0.0498	0.00000733	1.56	2.6	0.0368	0.000307	10.8	0.00183	0.035	0.000276	0.000172	0.0000843	0.104	0.00000202	0.0001002	0.000524	0.00147	0.0000948
2066 Aug	131	0.06	0.0749	0.00246	25.8	0.0292	13.7	0.00111	0.000997	0.00000521	0.0059	0.00118	0.0155	0.0188	0.00000513	17.3	0.0000165	0.000304	0.000248	0.000953	0.0514	0.00000759	1.61	2.68	0.038	0.000317	11.1	0.00189	0.0362	0.000284	0.000177	0.000087	0.107	0.00000209	0.000106	0.00054	0.00152	0.0000977
2066 Sep	129	0.0605	0.0737	0.00244	25.5	0.0294	13.5	0.00111	0.000993	0.00000519	0.00591	0.00118	0.0154	0.0187	0.00000511	17.3	0.0000165	0.000302	0.000246	0.00095	0.0512	0.0000076	1.6	2.66	0.0374	0.00032	11	0.00187	0.0364	0.00028	0.000174	0.0000861	0.106	0.00000208	0.000105	0.000534	0.00151	0.000096
2066 Oct	125	0.0606	0.0705	0.00235	24.7	0.0292	13	0.00108	0.000974	0.00000508	0.00586	0.00115	0.015	0.0183	0.000005	16.9	0.0000161	0.000293	0.000238	0.000932	0.0501	0.00000751	1.55	2.59	0.036	0.00032	10.6	0.00181	0.0362	0.000268	0.000167	0.0000832	0.103	0.00000204	0.0001002	0.000515	0.00147	0.0000917
2066 Nov	123	0.061	0.0696	0.00233	24.5	0.0292	12.9	0.00108	0.000971	0.00000506	0.00587	0.00115	0.0149	0.0182	0.00000499	16.8	0.000016	0.000291	0.000236	0.00093	0.0499	0.00000751	1.54	2.57	0.0356	0.000

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2069 Dec	112	0.0622	0.0636	0.00217	22.3	0.0295	12.4	0.00106	0.000949	0.00000492	0.00599	0.00116	0.0147	0.0183	0.00000487	16.9	0.000016	0.000297	0.000233	0.000922	0.0505	0.00000773	1.5	2.55	0.0351	0.000336	9.43	0.00173	0.038	0.000259	0.000157	0.0000801	0.1	0.00000198	0.000103	0.000501	0.00143	0.000073
2070 Jan	112	0.0623	0.0637	0.00217	22.3	0.0295	12.4	0.00106	0.00095	0.00000492	0.00599	0.00116	0.0147	0.0183	0.00000487	16.9	0.000016	0.000297	0.000233	0.000922	0.0506	0.00000773	1.5	2.55	0.0352	0.000336	9.43	0.00173	0.038	0.000259	0.000157	0.0000801	0.101	0.00000198	0.000103	0.000502	0.00143	0.000073
2070 Feb	112	0.0623	0.0637	0.00217	22.3	0.0295	12.4	0.00106	0.00095	0.00000492	0.00599	0.00116	0.0147	0.0183	0.00000487	16.9	0.000016	0.000297	0.000234	0.000923	0.0506	0.00000773	1.51	2.55	0.0352	0.000336	9.44	0.00173	0.038	0.000259	0.000157	0.0000801	0.101	0.00000198	0.000103	0.000502	0.00143	0.000073
2070 Mar	113	0.0624	0.0637	0.00217	22.3	0.0295	12.4	0.00106	0.00095	0.00000492	0.006	0.00117	0.0147	0.0184	0.00000487	16.9	0.000016	0.000298	0.000234	0.000924	0.0507	0.00000773	1.51	2.56	0.0353	0.000336	9.45	0.00173	0.038	0.000259	0.000157	0.0000802	0.101	0.00000199	0.000103	0.000503	0.00143	0.0000731
2070 Apr	113	0.0626	0.0639	0.00218	22.4	0.0296	12.4	0.00106	0.000953	0.00000494	0.00602	0.00117	0.0147	0.0184	0.00000489	17	0.000016	0.000299	0.000235	0.000927	0.0509	0.00000776	1.51	2.57	0.0355	0.000337	9.48	0.00174	0.0381	0.000261	0.000158	0.0000805	0.101	0.00000199	0.000104	0.000505	0.00143	0.0000733
2070 May	115	0.0634	0.0646	0.00219	22.8	0.0296	12.6	0.00107	0.000963	0.00000499	0.00606	0.0012	0.0148	0.0193	0.00000494	17.7	0.000016	0.000308	0.000251	0.000947	0.0532	0.00000786	1.55	2.67	0.0382	0.000337	9.63	0.00177	0.0388	0.000285	0.000162	0.0000833	0.105	0.00000201	0.000105	0.000534	0.00146	0.0000734
2070 Jun	120	0.0632	0.0692	0.00225	24	0.0282	13.4	0.00107	0.000952	0.00000494	0.00583	0.00127	0.0149	0.0212	0.00000489	19.2	0.0000164	0.000334	0.000292	0.000976	0.058	0.00000768	1.65	2.93	0.046	0.000325	10.1	0.00187	0.0382	0.000356	0.000173	0.0000914	0.114	0.00000199	0.000108	0.000608	0.00146	0.0000759
2070 Jul	124	0.0649	0.0714	0.00232	24.8	0.0292	13.8	0.00111	0.000984	0.00000511	0.00603	0.00131	0.0154	0.0219	0.00000506	19.7	0.0000169	0.000344	0.0003	0.00101	0.0597	0.00000794	1.7	3.01	0.0472	0.000335	10.4	0.00193	0.0394	0.000365	0.000178	0.0000942	0.118	0.00000206	0.000111	0.000625	0.00151	0.0000783
2070 Aug	126	0.066	0.0724	0.00236	25.2	0.0298	14	0.00113	0.001	0.00000521	0.00615	0.00133	0.0157	0.0223	0.00000516	20.1	0.0000172	0.00035	0.000305	0.00103	0.0608	0.00000812	1.73	3.07	0.0479	0.000342	10.6	0.00196	0.0403	0.000371	0.000181	0.0000958	0.12	0.00000221	0.000113	0.000635	0.00154	0.0000794
2070 Sep	121	0.0663	0.0685	0.00226	24.2	0.0298	13.4	0.0011	0.000985	0.0000051	0.00611	0.0013	0.0152	0.0216	0.00000506	19.5	0.0000168	0.0003337	0.000292	0.00101	0.0591	0.00000804	1.67	2.96	0.0456	0.000344	10.2	0.00189	0.0401	0.00035	0.000172	0.0000919	0.116	0.00000206	0.00011	0.000606	0.00149	0.0000749
2070 Oct	116	0.0667	0.0651	0.00218	23.4	0.0298	12.9	0.00107	0.000964	0.00000499	0.00606	0.00126	0.0148	0.0209	0.00000495	18.9	0.0000163	0.000325	0.000279	0.000983	0.0572	0.00000792	1.62	2.85	0.0431	0.000346	9.77	0.00182	0.0398	0.000329	0.000162	0.000088	0.112	0.00000201	0.000107	0.000576	0.00144	0.0000711
2070 Nov	115	0.0671	0.0647	0.00217	23.3	0.0299	12.8	0.00107	0.000964	0.00000499	0.00608	0.00126	0.0148	0.0209	0.00000494	18.9	0.0000163	0.000324	0.000277	0.000982	0.057	0.00000793	1.61	2.84	0.0427	0.000349	9.73	0.00181	0.0399	0.000325	0.000161	0.0000875	0.111	0.00000201	0.000107	0.000571	0.00144	0.0000706
2070 Dec	115	0.0672	0.0647	0.00217	23.3	0.03	12.8	0.00107	0.000964	0.00000499	0.00608	0.00126	0.0148	0.0209	0.00000494	18.9	0.0000163	0.000324	0.000277	0.000982	0.057	0.00000793	1.61	2.84	0.0426	0.000349	9.73	0.00181	0.0399	0.000325	0.000161	0.0000875	0.111	0.00000201	0.000107	0.00057	0.00144	0.0000706
2071 Jan	115	0.0672	0.0647	0.00217	23.3	0.03	12.8	0.00107	0.000964	0.00000499	0.00608	0.00126	0.0148	0.0209	0.00000494	18.9	0.0000163	0.000324	0.000277	0.000982	0.057	0.00000794	1.61	2.84	0.0427	0.000349	9.73	0.00181	0.0399	0.000325	0.000161	0.0000875	0.111	0.00000201	0.000107	0.00057	0.00144	0.0000705
2071 Feb	115	0.0672	0.0647	0.00217	23.3	0.03	12.8	0.00107	0.000964	0.00000499	0.00608	0.00126	0.0148	0.0209	0.00000494	18.9	0.0000163	0.000324	0.000277	0.000983	0.057	0.00000794	1.61	2.84	0.0427	0.000349	9.73	0.00181	0.0399	0.000325	0.000161	0.0000875	0.111	0.00000201	0.000107	0.000571	0.00144	0.0000705
2071 Mar	115	0.0672	0.0647	0.00217	23.3	0.03	12.8	0.00107	0.000964	0.00000499	0.00608	0.00126	0.0148	0.0209	0.00000495	18.9	0.0000163	0.000324	0.000277	0.000983	0.0571	0.00000794	1.62	2.84	0.0427	0.000349	9.73	0.00181	0.0399	0.000325	0.000161	0.0000875	0.111	0.00000201	0.000107	0.000571	0.00144	0.0000705
2071 Apr	116	0.0673	0.0648	0.00217	23.3	0.03	12.8	0.00108	0.000965	0.000005	0.00609	0.00126	0.0148	0.0209	0.00000495	18.9	0.0000163	0.000325	0.000278	0.000985	0.0572	0.00000795	1.62	2.85	0.0428	0.00035	9.75	0.00181	0.04	0.000325	0.000161	0.0000876	0.112	0.00000202	0.000107	0.000572	0.00144	0.0000706
2071 May	116	0.0673	0.0649	0.00217	23.4	0.0297	12.9	0.00108	0.000965	0.00000499	0.00607	0.00128	0.0148	0.0214	0.00000495	19.3	0.0000164	0.000329	0.000287	0.000991	0.0584	0.00000796	1.63	2.9	0.0445	0.000347	9.78	0.00182	0.0401	0.00034	0.000163	0.0000891	0.113	0.00000202	0.000108	0.000589	0.00145	0.0000702
2071 Jun	119	0.0627	0.0703	0.00226	23.7	0.0282	13.6	0.00107	0.000941	0.00000489	0.00578	0.00126	0.0151	0.0208	0.00000484	18.8	0.0000162	0.000336	0.000284	0.000966	0.0566	0.0000076	1.64	2.9	0.0448	0.000329	10	0.00187	0.0376	0.000344	0.000171	0.0000908	0.113	0.00000198	0.00011	0.000593	0.00144	0.000075
2071 Jul	123	0.0634	0.0738	0.00236	24.4	0.029	14.2	0.0011	0.000964	0.00000501	0.00589	0.00128	0.0158	0.0208	0.00000497	19	0.0000166	0.000344	0.000283	0.000983	0.0567	0.00000774	1.67	2.94	0.0445	0.000339	10.4	0.00193	0.0379	0.000339	0.000176	0.0000926	0.114	0.00000203	0.000115	0.000594	0.00148	0.000079
2071 Aug	126	0.0652	0.0757	0.00243	25.1	0.0299	14.5	0.00113	0.000992	0.00000516	0.00606	0.00131	0.0162	0.0213	0.00000511	19.5	0.000017	0.0003354	0.00029	0.00101	0.0582	0.00000797	1.72	3.02	0.0457	0.000349	10.7	0.00198	0.039	0.000348	0.000181	0.0000951	0.117	0.00000209	0.000118	0.00061	0.00152	0.000081
2071 Sep	122	0.0645	0.0723	0.00234	24.2	0.0296	14	0.0011	0.00097	0.00000504	0.00597	0.00128	0.0157	0.0207	0.000005	19	0.0000165	0.0003342	0.00028	0.000986	0.0566	0.00000785	1.67	2.92	0.0437	0.000346	10.3	0.00191	0.0385	0.000332	0.000173	0.0000917	0.114	0.00000204	0.000114	0.000585	0.00147	0.0000772
2071 Oct	119	0.0642	0.0701	0.00228	23.7	0.0294	13.6	0.00108	0.000956	0.00000496	0.00592	0.00126	0.0154	0.0204	0.00000492	18.6	0.0000163	0.000334	0.000273	0.000971	0.0556	0.00000776	1.63	2.86	0.0425	0.000344	10	0.00187	0.0382	0.000322	0.000168	0.0000895	0.111	0.00000201	0.000112	0.00057	0.00145	0.0000748
2071 Nov	117	0.0646	0.0692	0.00226	23.5	0.0294	13.5	0.00108	0.000953	0.00000495	0.00593	0.00125	0.0153	0.0203	0.0000049	18.5	0.0000162	0.000332	0.000271	0.000968	0.0553	0.00000776	1.62	2.83	0.042	0.000346	9.92	0.00185	0.0383	0.000318	0.000166	0.0000886	0.111	0.000002	0.000111	0.000564	0.00144	0.0000737
2071 Dec	117	0.0647	0.069	0.00225	23.4	0.0295	13.4	0.00108	0.000953	0.00000495	0.00593	0.00125	0.0153	0.0203	0.00000491	18.5	0.0000162	0.000331	0.00027	0.000968	0.0553	0.00000776	1.62	2.83	0.0419	0.000347	9.9	0.00185	0.0384	0.000317	0.000165	0.0000885	0.111	0.000002	0.000111	0.000563	0.00144	0.0000735
2072 Jan	117	0.0648	0.0689	0.00225	23.4	0.0295	13.4	0.00108	0.000953	0.00000495	0.00594	0.00125	0.0153	0.0203	0.00000491	18.5	0.0000162	0.000332	0.00027	0.000968	0.0553	0.00000777	1.62	2.83	0.042	0.000347	9.9	0.00185	0.0384	0.000317	0.000165	0.0000885	0.111	0.000002	0.000111	0.000563	0.00144	0.0000734
2072 Feb	117	0.0648	0.0689	0.00225	23.4	0.0295	13.4	0.00108	0.000953	0.00000495	0.00594	0.00125	0.0153	0.0203	0.00000491	18.5	0.0000162	0.000332	0.000271	0.000969	0.0554	0.00000777	1.62	2.83	0.042	0.000347	9.9	0.00185	0.0384	0.000317	0.000165	0.0000885	0.111	0.000002	0.000111	0.000564	0.00144	0.0000734
2072 Mar	117	0.0648	0.0689	0.00225	23.5	0.0295	13.4	0.00108	0.000954	0.00000495	0.00594	0.00125	0.0153	0.0203	0.00000491	18.6	0.0000162	0.000332	0.000271	0.000969	0.0554	0.00000777	1.62	2.84	0.0421	0.000347	9.9	0.00185	0.0384	0.000317	0.000165	0.0000885	0.111	0.000002	0.000111	0.000564	0.00144	0.0000734
2072 Apr	118	0.065	0.0691	0.00226	23.5	0.0296	13.5	0.00108	0.000956	0.00000496	0.00595	0.00126	0.0154	0.0204	0.00000492	18.6	0.0000162	0.000333	0.000272	0.000972	0.0556	0.00000779	1.63	2.84	0.0422	0.000348	9.93	0.00186	0.0385	0.000318	0.000166	0.0000888	0.111	0.00000201	0.000112	0.000566	0.00144	0.0000736
2072 May	119	0.0659	0.07	0.00229	23.8	0.03	13.7	0.0011	0.000969	0.00000503	0.00603	0.00127	0.0156	0.0207	0.00000498	18.9	0.0000165	0.000337	0.000276	0.000985	0.0563	0.00000789	1.65	2.88	0.0428	0.000352	10.1	0.00188	0.0391	0.000322	0.000168	0.0000899	0.112	0.00000203	0.000113	0.000573	0.00146	0.0000745
2072 Jun	113	0.0589	0.0676	0.00224	22.3	0.0287	13	0.00108	0.000959	0.00000497	0.00602	0.00121	0.0154	0.0189	0.00000493	17.4	0.0000168	0.000324	0.000247	0.000931	0.0525	0.00000788	1.56	2.67	0.0384	0.000327	9.51	0.00182	0.0381	0.000285	0.000174	0.000085	0.104	0.00000201	0.000109	0.000546	0.0015	0.0000713
2072 Jul	114	0.058	0.0685	0.00228	22.4	0.0292	13.2	0.0011	0.000975	0.00000505	0.00609	0.00122	0.0156	0.0188	0.00000502	17.3	0.000017	0.000325	0.000244	0.000937	0.0524	0.00000802	1.57	2.67	0.0377	0.000328	9.58	0.00184	0.0384	0.000279	0.000178	0.0000853	0.104	0.00000205	0.000111	0.000543	0.00153	0.0000722
2072 Aug	112	0.0577	0.0669	0.00225	22	0.0305	13	0.0011	0.000973	0.00000504	0.00598	0.00121	0.0158	0.0184	0.000005	17.1	0.0000159	0.000319	0.000232	0.000928	0.0506	0.00000805	1.55	2.6	0.0355	0.000343	9.4	0.00181	0.0381	0.000257	0.000165	0.0000839	0.102	0.00000204	0.00011	0.000501	0.00148	0.0000701
2072 Sep	111	0.058	0.0665	0.00223	21.9	0.0309	13	0.00109	0.000963	0.00000499	0.00589	0.0012	0.0158	0.018	0.00000495	16.8	0.0000152	0.000315	0.000224	0.000919	0.0491	0.00000797	1.53	2.56	0.034	0.000352	9.32	0.00179	0.0375	0.000243	0.000157	0.0000827	0.1	0.00000202	0.00011	0.000475	0.00144	0.0000695
2072 Oct	113	0.0605	0.069	0.00228	22.2	0.031	13.4	0.00108	0.000946	0.00000491	0.00581	0.00118	0.016	0.0176	0.00000488	16.6	0.000015	0.000315	0.000218	0.000916	0.0476	0.00000774	1.53	2.55	0.0328	0.000364	9.48	0.0018	0.0366	0.000231	0.000152	0.0000821	0.0996	0.00000199	0.000113	0.000457	0.00139	0.0000722
2072 Nov	113	0.0612	0.0693	0.00229	22.3	0.0312	13.5	0.00108	0.000946	0.00000491	0.00582	0.00118	0.016	0.0175	0.00000488	16.5	0.000015	0.000316	0.000217	0.000918	0.0475	0.00000773	1.53	2.55	0.0326	0.000367	9.5	0.0018	0.0367	0.000229	0.000151	0.0000819	0.0996	0.00000199	0.000113	0.000454	0.00138	0.0000724
2072 Dec	113	0.0613	0.0692	0.00229	22.2	0.0312	13.5	0.00108	0.000946	0.00000491	0.00583	0.00118	0.016	0.0175	0.00000488	16.5	0.000015	0.000315	0.000217	0.000918	0.0475	0.00000773	1.53	2.55	0.0326	0.000368	9.5	0.0018	0.0367	0.000229	0.000151	0.0000819	0.0996	0.00000199	0.000113	0.000453	0.00138	0.0000724
2073 Jan	113	0.0613	0.0692	0.00229	22.3	0.0312	13.5	0.00108	0.000946	0.00000491	0.00583	0.00118	0.016	0.0175	0.00000488	16.6	0.000015	0.000316	0.000218	0.000919	0.0475	0.00000773	1.53	2.55	0.0326	0.000368	9.5	0.0018	0.0367	0.000229	0.000151	0.0000819	0.0997	0.00000199	0.000113	0.000454	0.00138	0.0000723
2073 Feb	113	0.0614	0.0692	0.00229	22.3	0.0312	13.5	0.00108	0.000946	0.00000491	0.00583	0.00118	0.016	0.0176	0.00000488	16.6	0.000015	0.000316	0.000218	0.000919	0.0476	0.00000773	1.53	2.55	0.0327	0.000368	9.5	0.0018	0.0367	0.000229	0.000151	0.0000819	0.0997	0.00000199	0.000113	0.000454	0.00138	0.0000723
2073 Mar	113	0.0614	0.0693	0.00229	22.3	0.0312	13.5	0.00108	0.000946	0.00000491	0.00583	0.00119	0.016	0.0176	0.00000488	16.6	0.000015	0.000316	0.000218	0.00092	0.0476	0.00000774	1.53	2.56	0.0327	0.000368	9.51	0.0018	0.0367	0.000229	0.000151	0.000082	0.0998	0.00000199	0.000113	0.000455	0.00138	0.0000723
2073 Apr	114	0.0618	0.0697	0.0023	22.4	0.0314	13.6	0.00109	0.000952	0.00000494	0.00586	0.00119	0.0161	0.0177	0.00000491	16.7	0.0000151	0.000318	0.00022	0.000925	0.0479	0.00000778	1.54	2.57	0.0329	0.00037	9.56	0.00181	0.0369	0.000231	0.000152	0.0000825	0.1	0.0000002	0.000114	0.000458	0.00139	0.0000727
2073 May	116	0.063	0.0704	0.0023	23	0.0309	13.8	0.0011	0.00096	0.00000498	0.0059	0.00125	0.0161	0.0194	0.00000495	18	0.0000156	0.000335	0.000251	0.000958	0.0524	0.00000789	1.61	2.76	0.0385	0.000365	9.77	0.00187	0.0379	0.000282	0.00016	0.0000876	0.107	0.00000202	0.000115	0.000517	0.00142	0.000072
2073 Jun	120	0.0628	0.0745	0.00235	23.9	0.0293	14.5	0.00109	0.000946	0.00000492	0.00573	0.0013	0.0162	0.0209	0.00000489	19.1	0.0000159	0.000359	0.000285	0.00098	0.0565	0.0000077	1.69	2.98	0.0452	0.000352	10.2	0.00195	0.0374	0.000342	0.000171	0.0000943	0.115	0.000002	0.000119	0.000585	0.00143	0.0000739
2073 Jul	124	0.0641	0.0782	0.00245	24.7	0.0302	15.1	0.00112	0.000967	0.00000503	0.00583	0.00132	0.0168	0.021	0.000005	19.3	0.0000162	0.000368	0.000286	0.001	0.0567	0.00000782	1.73	3.03	0.0452	0.000363	10.5	0.00201	0.0377	0.00034	0.000175	0.0000964	0.117	0.00000205	0.000124	0.000587	0.00146	0.0000779
2073 Aug	127	0.0653	0.0795	0.0025	25.1	0.0309	15.3	0.00115	0.000989	0.00000515	0.00596	0.00135	0.0172	0.0214	0.00000511	19.7	0.0000165	0.000374	0.000291	0.00102	0.0578	0.00000801	1.76	3.09	0.046	0.000371	10.7	0.00205	0.0386	0.000346	0.000178	0.0000982	0.119	0.00000209	0.000126	0.000597	0.00149	0.0000792
2073 Sep	125	0.0649	0.078	0.00246	24.7	0.0307	15.1	0.00113	0.000979	0.00000509	0.00592	0.00134	0.017	0.0212	0.00000506	19.5	0.0000163	0.000369	0.000286	0.00101	0.0571	0.00000795	1.74	3.04	0.0451	0.000369	10.5	0.00202	0.0384	0.000339	0.000175	0.0000967	0.118	0.00000207	0.000124	0.000587	0.00147	0.0000776
2073 Oct	119	0.0648	0.0738	0.00235	23.8	0.0304	14.4	0.0011	0.000956	0.00000496	0.00585	0.0013	0.0164	0.0205	0.00000493	18.9	0.0000158	0.000355	0.000274	0.000984	0.0554	0.00000781	1.67	2.93	0.0429	0.000367	10.1	0.00193	0.038	0.000321	0.000166	0.0000925	0.113	0.00000202	0.00012	0.00056	0.00142	0.0000732
2073 Nov	118	0.0653	0.0723	0.00232	23.5	0.0305	14.2	0.0011	0.000956	0.00000494	0.00587	0.00129	0.0162	0.0204	0.00000491	18.8	0.0000157	0.00035	0.000271	0.00098	0.055	0.00000781	1.66	2.9	0.0422	0.000368	9.94	0.00191	0.0382	0.000314	0.000163	0.0000912	0.112	0.00000201	0.000119	0.000552	0.00141	0.0000717
2073 Dec	118	0.0654	0.0723	0.00232	23.5	0.0305	14.2	0.0011	0.000952	0.00000494	0.00587	0.00129	0.0162	0.0204	0.00000492	18.8	0.0000157	0.00035	0.000271	0.00098	0.055	0.00000782	1.66	2.9	0.0421	0.000369	9.94	0.00191	0.0382	0.000314	0.000163	0.0000912	0.112	0.00000201	0.000119	0.000551	0.00141	0.0000716
2074 Jan	118	0.0654	0.0722	0.00232	23.5	0.0305	14.2	0.0011	0.000952	0.00000494	0.00587	0.00129	0.0162	0.0204	0.00000492	18.8	0.0000158	0.000351	0.000271	0.00098	0.0551	0.00000782	1.66	2.9	0.0421	0.000369	9.94	0.00191	0.0382	0.000314	0.000163	0.0000912	0.112	0.00000201	0.000119	0.000551	0.00141	0.0000716
2074 Feb	118	0.0654	0.0722	0.00232	23.5	0.0305	14.2	0.0011	0.000952	0.00000494	0.00587	0.00129	0.0162	0.0204	0.00000492	18.8	0.0000158	0.000351	0.000271	0.000981	0.0551	0.00000782	1.66	2.9	0.0422	0.000369	9.94	0.00191	0.0382	0.000314	0.000163	0.0000912	0.112	0.00000201	0.000119	0.000552	0.00141	0.0000716
2074 Mar	118	0.0655	0.0722	0.00232	23.5	0.0305	14.2	0.0011	0.000953	0.00000495	0.00588	0.00129	0.0162	0.0204	0.00000492	18.8	0.0000158	0.000351	0.000271	0.000981	0.0551	0.00000783	1.66	2.9	0.0422	0.000369	9.95	0.00191	0.0382	0.000315	0.000163	0.0000912	0.113	0.00000201	0.000119	0.000552	0.00141	0.0000716
2074 Apr	118	0.0658	0.0726	0.00233	23.6	0.0307	14.3	0.0011	0.000957	0.00000497	0.00591	0.0013	0.0163	0.0205	0.00000494	18.9	0.0000158	0.000352	0.000273	0.000986	0.0554	0.00000786	1.67	2.92	0.0425	0.000371	9.99	0.00192	0.0384	0.000316	0.000164	0.0000917	0.113	0.00000202	0.00012	0.000555	0.00142	0.0000719
2074 May	121	0.0666	0.0739	0.00234	24.2	0.0302	14.6	0.00111	0.000965	0.00000501	0.00592	0.00135	0.0164	0.0221	0.00000498	20.1	0.0000163	0.000371	0.000303	0.00102	0.0597	0.00000796	1.74	3.11	0.048	0.000366	10.2	0.00198	0.0392	0.000366	0.000

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2077 Jun	121	0.0618	0.0788	0.00242	23.7	0.0284	15.6	0.00112	0.000944	0.00000491	0.00582	0.00139	0.0174	0.0221	0.0000049	20.2	0.00017	0.000405	0.00031	0.001	0.06	0.00000788	1.78	3.21	0.0503	0.000356	10.1	0.00208	0.0381	0.000384	0.000191	0.000102	0.122	0.000002	0.000132	0.00065	0.0015	0.000068
2077 Jul	124	0.0633	0.0809	0.00249	24.3	0.0294	16.1	0.00116	0.000977	0.00000508	0.00602	0.00143	0.0179	0.0226	0.00000507	20.7	0.0000176	0.000417	0.000317	0.00103	0.0617	0.00000817	1.83	3.29	0.0516	0.000366	10.4	0.00214	0.0394	0.000393	0.000198	0.000104	0.125	0.00000207	0.000136	0.000669	0.00155	0.0000699
2077 Aug	128	0.0654	0.0835	0.00257	25.1	0.0304	16.6	0.0012	0.00101	0.00000524	0.00622	0.00147	0.0185	0.0234	0.00000524	21.4	0.0000182	0.00043	0.000327	0.00107	0.0637	0.00000845	1.89	3.4	0.0532	0.000379	10.7	0.00221	0.0407	0.000405	0.000204	0.000108	0.129	0.00000214	0.00014	0.00069	0.0016	0.000072
2077 Sep	120	0.0643	0.0771	0.00241	23.6	0.0299	15.5	0.00114	0.000972	0.00000504	0.00606	0.0014	0.0175	0.0222	0.00000504	20.4	0.0000173	0.000405	0.000307	0.00102	0.0606	0.0000082	1.79	3.2	0.0494	0.000372	10	0.00208	0.0398	0.000374	0.000189	0.000101	0.122	0.00000206	0.000132	0.000642	0.00152	0.0000663
2077 Oct	117	0.065	0.0746	0.00236	23.2	0.03	15.1	0.00113	0.000964	0.000005	0.00607	0.00138	0.0173	0.0219	0.00000499	20.1	0.0000171	0.000396	0.0003	0.00101	0.0597	0.00000818	1.76	3.14	0.0479	0.000374	9.8	0.00203	0.0399	0.000362	0.000183	0.0000987	0.12	0.00000204	0.00013	0.000625	0.0015	0.0000641
2077 Nov	117	0.0655	0.0743	0.00235	23.1	0.0302	15	0.00113	0.000966	0.00000501	0.0061	0.00138	0.0172	0.0219	0.000005	20.1	0.0000171	0.000395	0.000298	0.00102	0.0596	0.0000082	1.75	3.13	0.0477	0.000377	9.77	0.00203	0.0401	0.000359	0.000182	0.0000983	0.12	0.00000204	0.00013	0.000622	0.0015	0.0000638
2077 Dec	117	0.0656	0.0742	0.00235	23.1	0.0302	15	0.00113	0.000967	0.00000501	0.00611	0.00138	0.0172	0.0219	0.000005	20.1	0.0000171	0.000395	0.000298	0.00102	0.0596	0.00000821	1.75	3.13	0.0476	0.000377	9.77	0.00203	0.0401	0.000359	0.000181	0.0000983	0.12	0.00000204	0.00013	0.000622	0.0015	0.0000637
2078 Jan	117	0.0656	0.0742	0.00235	23.1	0.0302	15	0.00113	0.000967	0.00000501	0.00611	0.00139	0.0172	0.0219	0.000005	20.1	0.0000171	0.000395	0.000298	0.00102	0.0597	0.00000821	1.75	3.14	0.0477	0.000377	9.77	0.00203	0.0401	0.000359	0.000181	0.0000983	0.12	0.00000204	0.00013	0.000622	0.0015	0.0000637
2078 Feb	117	0.0656	0.0742	0.00235	23.1	0.0302	15	0.00113	0.000967	0.00000501	0.00611	0.00139	0.0172	0.0219	0.000005	20.1	0.0000171	0.000395	0.000299	0.00102	0.0597	0.00000821	1.75	3.14	0.0477	0.000377	9.77	0.00203	0.0402	0.000359	0.000181	0.0000983	0.12	0.00000204	0.00013	0.000623	0.0015	0.0000637
2078 Mar	117	0.0656	0.0742	0.00235	23.1	0.0303	15	0.00113	0.000967	0.00000501	0.00611	0.00139	0.0172	0.0219	0.00000501	20.1	0.0000171	0.000396	0.000299	0.00102	0.0598	0.00000821	1.76	3.14	0.0478	0.000378	9.78	0.00203	0.0402	0.000359	0.000182	0.0000984	0.12	0.00000204	0.00013	0.000623	0.0015	0.0000637
2078 Apr	118	0.066	0.0746	0.00236	23.3	0.0304	15.1	0.00114	0.000972	0.00000504	0.00614	0.00139	0.0173	0.0221	0.00000503	20.2	0.0000172	0.000398	0.000301	0.00102	0.0601	0.00000826	1.77	3.16	0.048	0.00038	9.83	0.00204	0.0404	0.000361	0.000183	0.0000989	0.121	0.00000206	0.000131	0.000627	0.00151	0.000064
2078 May	120	0.0665	0.0761	0.00238	23.9	0.0297	15.5	0.00114	0.000972	0.00000504	0.00609	0.00144	0.0174	0.0235	0.00000504	21.3	0.0000174	0.000414	0.000329	0.00105	0.0639	0.00000827	1.83	3.33	0.0533	0.000374	10	0.00209	0.0407	0.000409	0.000189	0.000104	0.127	0.00000206	0.000132	0.000679	0.00152	0.0000639
2078 Jun	126	0.0653	0.0843	0.00253	24.8	0.029	16.9	0.00114	0.000944	0.00000492	0.00575	0.00145	0.0182	0.0232	0.00000492	21.3	0.00001	0.000433	0.000331	0.00104	0.0624	0.00000785	1.87	3.41	0.0542	0.000378	10.6	0.00219	0.0381	0.000415	0.000193	0.000108	0.129	0.00000202	0.000141	0.000677	0.00147	0.0000706
2078 Jul	131	0.0678	0.088	0.00264	25.8	0.0303	17.6	0.00119	0.000982	0.00000512	0.00598	0.00151	0.019	0.024	0.00000512	22.1	0.0000176	0.000451	0.000343	0.00108	0.0646	0.00000816	1.94	3.54	0.0561	0.000394	11	0.00228	0.0395	0.000429	0.000201	0.000112	0.134	0.00000221	0.000147	0.000702	0.00153	0.0000738
2078 Aug	133	0.0685	0.0888	0.00267	26.1	0.0308	17.8	0.0012	0.000996	0.00000519	0.00607	0.00153	0.0193	0.0243	0.00000519	22.3	0.0000178	0.000456	0.000346	0.0011	0.0654	0.00000829	1.97	3.58	0.0566	0.000399	11.1	0.00231	0.0401	0.000433	0.000203	0.000113	0.135	0.00000213	0.000149	0.000708	0.00155	0.0000744
2078 Sep	133	0.0688	0.0886	0.00267	26.1	0.031	17.8	0.00121	0.001	0.00000521	0.00609	0.00153	0.0193	0.0243	0.00000521	22.4	0.0000178	0.000456	0.000346	0.0011	0.0655	0.00000833	1.97	3.58	0.0565	0.000402	11.1	0.00231	0.0403	0.000432	0.000202	0.000113	0.136	0.00000213	0.000149	0.000707	0.00156	0.0000742
2078 Oct	130	0.0686	0.0862	0.00261	25.5	0.0308	17.3	0.00119	0.000987	0.00000514	0.00605	0.0015	0.0189	0.0239	0.00000514	22	0.0000176	0.000446	0.000338	0.00108	0.0644	0.00000825	1.93	3.51	0.0551	0.000399	10.9	0.00226	0.0401	0.00042	0.000197	0.000111	0.133	0.00000221	0.000146	0.00069	0.00153	0.0000722
2078 Nov	129	0.069	0.0851	0.00258	25.4	0.0309	17.2	0.00118	0.000985	0.00000513	0.00607	0.0015	0.0188	0.0238	0.00000513	21.9	0.0000175	0.000443	0.000335	0.00108	0.0641	0.00000825	1.92	3.49	0.0545	0.000401	10.8	0.00224	0.0402	0.000415	0.000195	0.00011	0.132	0.00000221	0.000145	0.000684	0.00152	0.0000712
2078 Dec	128	0.069	0.0851	0.00258	25.3	0.0309	17.2	0.00119	0.000986	0.00000513	0.00607	0.0015	0.0188	0.0238	0.00000513	21.9	0.0000175	0.000442	0.000335	0.00108	0.0641	0.00000825	1.92	3.49	0.0544	0.000401	10.8	0.00224	0.0402	0.000414	0.000195	0.00011	0.132	0.00000221	0.000145	0.000683	0.00152	0.0000712
2079 Jan	129	0.0691	0.085	0.00258	25.3	0.0309	17.2	0.00118	0.000986	0.00000513	0.00607	0.0015	0.0188	0.0238	0.00000513	21.9	0.0000175	0.000442	0.000335	0.00108	0.0641	0.00000826	1.92	3.49	0.0545	0.000401	10.8	0.00224	0.0402	0.000414	0.000195	0.00011	0.132	0.00000221	0.000145	0.000683	0.00152	0.0000711
2079 Feb	128	0.0691	0.085	0.00258	25.3	0.0309	17.2	0.00118	0.000986	0.00000513	0.00607	0.0015	0.0188	0.0238	0.00000513	21.9	0.0000175	0.000442	0.000336	0.00108	0.0641	0.00000826	1.92	3.49	0.0545	0.000401	10.8	0.00224	0.0402	0.000414	0.000195	0.00011	0.132	0.00000221	0.000145	0.000684	0.00152	0.0000711
2079 Mar	129	0.0691	0.0851	0.00258	25.4	0.0309	17.2	0.00119	0.000986	0.00000513	0.00608	0.0015	0.0188	0.0238	0.00000513	21.9	0.0000175	0.000443	0.000336	0.00108	0.0642	0.00000826	1.92	3.49	0.0545	0.000401	10.8	0.00224	0.0403	0.000415	0.000195	0.00011	0.132	0.00000221	0.000145	0.000684	0.00152	0.0000711
2079 Apr	129	0.0693	0.0853	0.00259	25.4	0.031	17.2	0.00119	0.000989	0.00000515	0.0061	0.0015	0.0189	0.0239	0.00000515	22	0.0000176	0.000444	0.000337	0.00109	0.0644	0.00000829	1.93	3.5	0.0547	0.000402	10.8	0.00225	0.0404	0.000416	0.000195	0.00011	0.133	0.00000211	0.000145	0.000687	0.00153	0.0000714
2079 May	130	0.0702	0.0863	0.00262	25.8	0.0314	17.4	0.0012	0.001	0.00000521	0.00617	0.00152	0.0191	0.0243	0.00000521	22.3	0.0000178	0.00045	0.000342	0.0011	0.0653	0.00000839	1.95	3.55	0.0555	0.000407	10.9	0.00227	0.0409	0.000422	0.000198	0.000111	0.134	0.00000213	0.000147	0.000696	0.00155	0.0000721
2079 Jun	118	0.0587	0.0794	0.00245	22.8	0.0287	15.9	0.00114	0.000952	0.00000494	0.00594	0.00138	0.0181	0.0209	0.00000495	19.4	0.0000175	0.000413	0.000288	0.000985	0.0573	0.00000805	1.76	3.12	0.0468	0.000361	9.79	0.0021	0.0381	0.00035	0.000198	0.0001	0.118	0.00000203	0.000137	0.000626	0.00154	0.0000656
2079 Jul	121	0.0588	0.0835	0.00256	23.2	0.0293	16.7	0.00116	0.00096	0.000005	0.00596	0.00139	0.0189	0.0205	0.00000501	19.2	0.0000176	0.000422	0.000281	0.000991	0.0562	0.00000806	1.78	3.13	0.0458	0.000371	10.1	0.00215	0.0377	0.000338	0.0002	0.000101	0.118	0.00000205	0.000142	0.000615	0.00155	0.0000694
2079 Aug	124	0.0602	0.0853	0.00262	23.8	0.0302	17	0.0012	0.000988	0.00000514	0.00612	0.00142	0.0193	0.021	0.00000515	19.7	0.000018	0.000431	0.000288	0.00102	0.0577	0.0000083	1.82	3.2	0.0468	0.000381	10.3	0.00221	0.0388	0.000345	0.000205	0.000104	0.121	0.00000211	0.000146	0.000629	0.00159	0.0000708
2079 Sep	120	0.0604	0.0817	0.00253	23.1	0.0301	16.4	0.00117	0.00097	0.00000504	0.00606	0.00139	0.0188	0.0205	0.00000505	19.2	0.0000176	0.000417	0.000278	0.000998	0.0563	0.00000819	1.77	3.11	0.045	0.000379	9.95	0.00213	0.0385	0.00033	0.000196	0.0001	0.117	0.00000207	0.000141	0.000606	0.00155	0.0000677
2079 Oct	117	0.0605	0.079	0.00246	22.5	0.0299	15.9	0.00115	0.000956	0.00000497	0.00602	0.00136	0.0184	0.0201	0.00000497	18.9	0.0000173	0.000407	0.000271	0.000984	0.0553	0.00000811	1.73	3.04	0.0436	0.000378	9.7	0.00208	0.0383	0.00032	0.00019	0.0000975	0.115	0.00000204	0.000138	0.000589	0.00152	0.0000654
2079 Nov	115	0.0612	0.0778	0.00244	22.3	0.0301	15.8	0.00114	0.000952	0.00000495	0.00603	0.00135	0.0182	0.02	0.00000495	18.7	0.0000172	0.000403	0.000268	0.00098	0.0549	0.00000809	1.72	3.01	0.0428	0.00038	9.59	0.00206	0.0384	0.000313	0.000186	0.0000962	0.114	0.00000203	0.000137	0.000579	0.0015	0.0000643
2079 Dec	115	0.062	0.0775	0.00243	22.3	0.0303	15.8	0.00114	0.000951	0.00000494	0.00604	0.00135	0.0182	0.0199	0.00000495	18.7	0.0000171	0.000401	0.000265	0.00098	0.0545	0.00000809	1.71	3	0.0423	0.000385	9.57	0.00205	0.0385	0.000308	0.000184	0.0000957	0.113	0.00000202	0.000137	0.000572	0.00149	0.0000641
2080 Jan	115	0.0621	0.0775	0.00243	22.3	0.0303	15.8	0.00114	0.000952	0.00000494	0.00605	0.00135	0.0182	0.0199	0.00000495	18.7	0.0000171	0.000402	0.000266	0.000981	0.0546	0.00000809	1.71	3	0.0424	0.000386	9.57	0.00205	0.0385	0.000308	0.000184	0.0000957	0.113	0.00000202	0.000137	0.000572	0.00149	0.0000641
2080 Feb	115	0.0622	0.0776	0.00243	22.3	0.0303	15.8	0.00114	0.000952	0.00000494	0.00605	0.00135	0.0182	0.02	0.00000495	18.7	0.0000171	0.000402	0.000266	0.000982	0.0547	0.0000081	1.72	3	0.0425	0.000386	9.58	0.00206	0.0385	0.000308	0.000184	0.0000958	0.114	0.00000202	0.000138	0.000573	0.00149	0.0000641
2080 Mar	115	0.0622	0.0776	0.00243	22.3	0.0303	15.8	0.00114	0.000952	0.00000494	0.00605	0.00135	0.0182	0.02	0.00000495	18.8	0.0000171	0.000402	0.000267	0.000983	0.0548	0.0000081	1.72	3.01	0.0426	0.000386	9.58	0.00206	0.0386	0.000308	0.000184	0.0000958	0.114	0.00000202	0.000138	0.000574	0.00149	0.0000641
2080 Apr	115	0.0624	0.0777	0.00244	22.4	0.0304	15.8	0.00114	0.000954	0.00000495	0.00606	0.00136	0.0183	0.0201	0.00000496	18.8	0.0000171	0.000403	0.000268	0.000985	0.0549	0.00000811	1.72	3.02	0.0427	0.000387	9.6	0.00206	0.0386	0.000309	0.000184	0.000096	0.114	0.00000203	0.000138	0.000576	0.00149	0.0000642
2080 May	117	0.0633	0.0788	0.00247	22.7	0.0308	16	0.00116	0.000967	0.00000502	0.00614	0.00138	0.0185	0.0203	0.00000503	19.1	0.0000174	0.000409	0.000272	0.000999	0.0557	0.00000823	1.74	3.06	0.0433	0.000392	9.73	0.00209	0.0392	0.000314	0.000187	0.0000973	0.116	0.00000206	0.00014	0.000584	0.00151	0.0000651
2080 Jun	120	0.0582	0.0793	0.00248	21.9	0.0298	16	0.00115	0.000955	0.00000497	0.00606	0.00133	0.0187	0.019	0.00000498	18	0.0000176	0.000414	0.000251	0.00096	0.0525	0.00000812	1.7	2.93	0.0403	0.000376	9.51	0.00207	0.0378	0.000287	0.000193	0.0000948	0.111	0.00000204	0.000139	0.000563	0.00153	0.0000652
2080 Jul	117	0.0571	0.0826	0.00256	22.2	0.0301	16.6	0.00117	0.000962	0.00000501	0.00606	0.00134	0.0192	0.0187	0.00000502	17.8	0.0000176	0.000412	0.000246	0.00096	0.0517	0.00000814	1.71	2.94	0.0395	0.00038	9.7	0.00212	0.0374	0.00028	0.000197	0.000096	0.11	0.00000206	0.000144	0.000557	0.00155	0.0000679
2080 Aug	118	0.0573	0.0827	0.00258	22.3	0.0306	16.6	0.00119	0.000976	0.00000508	0.00612	0.00136	0.0194	0.0188	0.00000509	18	0.0000177	0.000413	0.000248	0.00097	0.0523	0.00000827	1.73	2.96	0.0397	0.000384	9.75	0.00213	0.038	0.000281	0.000198	0.0000967	0.111	0.00000208	0.000144	0.000558	0.00157	0.0000679
2080 Sep	115	0.0571	0.0802	0.00252	21.9	0.0306	16.2	0.00117	0.000965	0.00000502	0.00608	0.00134	0.019	0.0186	0.00000503	17.7	0.0000173	0.000404	0.000242	0.000961	0.0515	0.00000821	1.69	2.9	0.0386	0.000382	9.53	0.00209	0.0378	0.000272	0.000192	0.0000945	0.109	0.00000206	0.000141	0.000543	0.00154	0.0000658
2080 Oct	113	0.0574	0.0783	0.00247	21.5	0.0305	15.9	0.00115	0.000956	0.00000497	0.00605	0.00132	0.0187	0.0184	0.00000498	17.5	0.0000171	0.000397	0.000238	0.000952	0.0509	0.00000816	1.67	2.85	0.0378	0.000381	9.36	0.00205	0.0377	0.000266	0.000188	0.0000929	0.107	0.00000204	0.000139	0.000533	0.00152	0.0000642
2080 Nov	113	0.0577	0.0779	0.00246	21.4	0.0305	15.8	0.00115	0.000951	0.00000494	0.00603	0.00131	0.0186	0.0183	0.00000495	17.5	0.000017	0.000395	0.000236	0.000949	0.0506	0.00000812	1.66	2.84	0.0375	0.000383	9.32	0.00204	0.0376	0.000263	0.000185	0.0000922	0.107	0.00000203	0.000139	0.000527	0.0015	0.0000639
2080 Dec	112	0.0579	0.0779	0.00246	21.4	0.0306	15.8	0.00115	0.000952	0.00000494	0.00604	0.00131	0.0187	0.0183	0.00000496	17.5	0.000017	0.000395	0.000236	0.000949	0.0506	0.00000812	1.66	2.84	0.0374	0.000384	9.31	0.00204	0.0376	0.000262	0.000185	0.0000922	0.107	0.00000203	0.000139	0.000526	0.0015	0.0000638
2081 Jan	113	0.058	0.0779	0.00246	21.4	0.0306	15.8	0.00115	0.000952	0.00000494	0.00604	0.00131	0.0186	0.0183	0.00000496	17.5	0.000017	0.000395	0.000236	0.00095	0.0506	0.00000812	1.66	2.84	0.0374	0.000384	9.32	0.00204	0.0377	0.000262	0.000185	0.0000922	0.107	0.00000203	0.000139	0.000527	0.0015	0.0000638
2081 Feb	113	0.058	0.0779	0.00246	21.5	0.0306	15.8	0.00115	0.000952	0.00000495	0.00604	0.00132	0.0186	0.0183	0.00000496	17.5	0.000017	0.000396	0.000237	0.00095	0.0507	0.00000812	1.66	2.84	0.0375	0.000384	9.32	0.00204	0.0377	0.000263	0.000185	0.0000922	0.107	0.00000203	0.000139	0.000528	0.0015	0.0000638
2081 Mar	113	0.0581	0.0779	0.00246	21.5	0.0306	15.8	0.00115	0.000952	0.00000495	0.00604	0.00132	0.0187	0.0183	0.00000496	17.5	0.000017	0.000396	0.000237	0.000951	0.0507	0.00000813	1.66	2.85	0.0376	0.000384	9.32	0.00204	0.0377	0.000263	0.000185	0.0000923	0.107	0.00000203	0.000139	0.000528	0.0015	0.0000638
2081 Apr	113	0.0583	0.0782	0.00247	21.5	0.0307	15.9	0.00115	0.000955	0.00000496	0.00606	0.00132	0.0187	0.0184	0.00000497	17.6	0.000017	0.000397	0.000238	0.000954	0.0509	0.00000815	1.67	2.86	0.0377	0.000385	9.35	0.00205	0.0378	0.000264	0.000186	0.0000926	0.107	0.00000204	0.000139	0.00053	0.00151	0.000064
2081 May	116	0.06	0.0787	0.00247	22.2	0.0303	16.1	0.00116	0.000963	0.000005	0.00609	0.00138	0.0187	0.0201	0.00000501	18.9	0.0000174	0.000413	0.000269	0.000988	0.0554	0.00000825	1.74	3.05	0.0433	0.000383	9.57	0.0021	0.0388	0.000314	0.000192	0.0000978	0.115	0.00000205	0.000141	0.000586	0.00153	0.0000632
2081 Jun	121	0.0606	0.0841	0.00256	23.1	0.0299	17.2	0.00117	0.000951	0.00000495	0.00593	0.00142	0.0193	0.0208	0.00000497	19.6	0.0000174	0.000436	0.000287	0.001	0.0568	0.00000807	1.81	3.2	0.0467	0.000388	9.99	0.00219	0.0378	0.000343	0.000197	0.000103	0.12	0.00000204	0.000147	0.000615	0.00152	0.0000667
2081 Jul	127	0.0633	0.0888	0.00027	24.2	0.0314	18.1	0.00123	0.000997	0.00000519	0.0062	0.00148	0.0203	0.0217	0.00000521	20.4	0.0000182	0.000417	0.000298	0.00105	0.0591	0.00000845	1.89	3.35	0.0485	0.000408	10.5	0.0023	0.0395	0.000356	0.000207	0.000108	0.125	0.00000214	0.000155	0.00064	0.00159	0.0000705
2081 Aug	132	0.0659	0.0924	0.00281	25.3	0.0327	18.8	0.00128	0.00104	0.00000541	0.00646	0.00154	0.0212	0.0226	0.00000543	21.3	0.0000189	0.000476	0.00031	0.00109	0.0616	0.00000881	1.97	3.49	0.0505	0.000425	10.9	0.0024	0.0412	0.00037	0.000216	0.000112	0.13	0.00000223	0.000162	0.000667	0.00166	0.0000734
2081 Sep	130	0.066	0.0909	0.00278	25	0.0327	18.6	0.00127	0.00103	0.00000538	0.00645	0.00153	0.021	0.0224	0.0000054	21.1	0.0000188	0.000471	0.000306	0.00109	0.0611	0.00000878	1.95	3.45	0.0498	0.000425	10.8	0.00237	0.0411	0.000364	0.000212	0.000111	0.129	0.00000221	0.00016	0.000658	0.00164	0.0000721
2081 Oct	129	0.066	0.09	0.00276	24.8	0.0326	18.4	0.00126	0.00103	0.00000535	0.00643	0.00152	0.0208	0.0223	0.00000537	21	0.0000187	0.000467	0.000304	0.00108	0.0608	0.00000874	1.94	3.43	0.0494	0.000424	10.7	0.00235	0.041	0.000361	0.00021	0.00011	0.128	0.0000022	0.000159	0.000652	0.00163	0.0000714
2081 Nov	126	0.0658	0.0873	0.00269	24.2	0.0323	17.9	0.00124	0.00101	0.00000527	0.00637	0.00149	0.0204	0.0219	0.00000529	20.6	0.0000183	0.000456	0.000297	0.00107	0.0597	0.00000864	1.9	3.35	0.048	0.00042	10.4	0.00229	0.0407	0.00035	0.000204	0.000107	0.126	0.00000217

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2084 Dec	121	0.0648	0.088	0.00267	23.1	0.032	18.7	0.00121	0.000953	0.00000497	0.00602	0.00148	0.0211	0.0209	0.00000501	19.9	0.0000173	0.000474	0.000284	0.00104	0.0564	0.00000823	1.88	3.33	0.0462	0.000439	10	0.00231	0.0384	0.00033	0.000195	0.000107	0.123	0.00000206	0.000164	0.000596	0.00148	0.0000648
2085 Jan	121	0.0649	0.0879	0.00267	23.1	0.032	18.7	0.00121	0.000953	0.00000497	0.00602	0.00148	0.0211	0.0209	0.00000501	20	0.0000173	0.000474	0.000284	0.00104	0.0564	0.00000823	1.88	3.33	0.0462	0.000439	10	0.00231	0.0384	0.00033	0.000195	0.000107	0.123	0.00000205	0.000164	0.000596	0.00148	0.0000648
2085 Feb	121	0.0649	0.0879	0.00267	23.1	0.032	18.7	0.00121	0.000953	0.00000497	0.00602	0.00148	0.0211	0.0209	0.00000501	20	0.0000173	0.000474	0.000284	0.00104	0.0565	0.00000823	1.88	3.33	0.0463	0.000439	10	0.00231	0.0384	0.00033	0.000195	0.000107	0.123	0.00000206	0.000164	0.000597	0.00148	0.0000648
2085 Mar	121	0.0649	0.0879	0.00267	23.1	0.032	18.7	0.00121	0.000953	0.00000497	0.00602	0.00148	0.0211	0.0209	0.00000501	20	0.0000173	0.000474	0.000284	0.00104	0.0565	0.00000823	1.88	3.33	0.0463	0.000439	10	0.00231	0.0384	0.00033	0.000195	0.000107	0.123	0.00000206	0.000164	0.000597	0.00148	0.0000648
2085 Apr	122	0.0651	0.0882	0.00267	23.2	0.0321	18.8	0.00121	0.000956	0.00000498	0.00604	0.00149	0.0211	0.021	0.00000502	20	0.0000173	0.000475	0.000285	0.00104	0.0567	0.00000825	1.88	3.34	0.0465	0.00044	10.1	0.00232	0.0385	0.00033	0.000196	0.000107	0.124	0.00000206	0.000165	0.000599	0.00149	0.0000649
2085 May	122	0.0654	0.0866	0.00263	23.3	0.0317	18.5	0.00121	0.000959	0.0000005	0.00606	0.00151	0.0208	0.0219	0.00000503	20.7	0.0000175	0.000478	0.000301	0.00105	0.0592	0.00000833	1.9	3.42	0.0493	0.000433	10	0.00232	0.0393	0.00033	0.000198	0.000109	0.127	0.00000206	0.000163	0.00063	0.0015	0.0000631
2085 Jun	123	0.0649	0.0885	0.00266	23.6	0.0311	18.9	0.0012	0.00095	0.00000496	0.00596	0.00153	0.021	0.0223	0.000005	21.1	0.0000176	0.00049	0.000313	0.00106	0.0603	0.00000824	1.94	3.5	0.0516	0.00043	10.2	0.00236	0.0388	0.000379	0.000203	0.000112	0.129	0.00000205	0.000165	0.000652	0.0015	0.0000638
2085 Jul	127	0.0668	0.0911	0.00274	24.3	0.0321	19.5	0.00124	0.000981	0.00000512	0.00616	0.00158	0.0217	0.023	0.00000516	21.7	0.0000181	0.000505	0.000322	0.00109	0.0622	0.00000851	1.99	3.61	0.0531	0.000443	10.5	0.00243	0.04	0.00039	0.000209	0.000115	0.133	0.00000212	0.00017	0.000671	0.00155	0.0000656
2085 Aug	127	0.0666	0.0906	0.00273	24.2	0.0322	19.4	0.00124	0.000982	0.00000512	0.00615	0.00157	0.0216	0.023	0.00000516	21.7	0.000018	0.000502	0.000321	0.00109	0.0621	0.00000852	1.99	3.59	0.0529	0.000442	10.4	0.00242	0.0401	0.000388	0.000208	0.000115	0.133	0.00000212	0.000169	0.000668	0.00155	0.0000652
2085 Sep	122	0.0661	0.0861	0.00262	23.3	0.0318	18.5	0.00121	0.000961	0.000005	0.00607	0.00153	0.0208	0.0223	0.00000504	21	0.0000175	0.000483	0.000308	0.00106	0.0602	0.00000838	1.92	3.46	0.0504	0.000436	10	0.00233	0.0396	0.000369	0.000198	0.00011	0.128	0.00000207	0.000163	0.000638	0.0015	0.0000619
2085 Oct	120	0.0661	0.0853	0.0026	23	0.0318	18.4	0.00119	0.000946	0.00000493	0.006	0.0015	0.0207	0.0216	0.00000497	20.5	0.0000171	0.000474	0.000297	0.00104	0.0583	0.00000825	1.88	3.38	0.0484	0.000438	9.86	0.00229	0.039	0.000351	0.000192	0.000108	0.125	0.00000204	0.000162	0.000614	0.00147	0.0000614
2085 Nov	120	0.0667	0.0862	0.00262	23	0.0321	18.6	0.00119	0.000942	0.00000491	0.00599	0.00149	0.0209	0.0212	0.00000495	20.2	0.000017	0.000474	0.000289	0.00104	0.057	0.00000819	1.88	3.35	0.0469	0.000446	9.88	0.0023	0.0386	0.000336	0.000189	0.000107	0.124	0.00000203	0.000164	0.000596	0.00145	0.0000621
2085 Dec	120	0.0669	0.0862	0.00262	22.9	0.0322	18.6	0.00119	0.000942	0.00000491	0.006	0.00149	0.0209	0.0212	0.00000495	20.2	0.000017	0.000474	0.000288	0.00104	0.057	0.0000082	1.88	3.35	0.0468	0.000447	9.87	0.0023	0.0387	0.000336	0.000189	0.000107	0.124	0.00000203	0.000164	0.000595	0.00145	0.0000621
2086 Jan	120	0.0669	0.0862	0.00262	23	0.0322	18.6	0.00119	0.000942	0.00000491	0.006	0.00149	0.0209	0.0212	0.00000495	20.2	0.000017	0.000474	0.000288	0.00104	0.057	0.0000082	1.88	3.35	0.0469	0.000447	9.88	0.0023	0.0387	0.000336	0.000189	0.000107	0.124	0.00000203	0.000164	0.000595	0.00145	0.0000621
2086 Feb	120	0.0669	0.0862	0.00262	23	0.0322	18.6	0.00119	0.000942	0.00000491	0.006	0.00149	0.0209	0.0212	0.00000495	20.2	0.000017	0.000474	0.000289	0.00104	0.0571	0.0000082	1.88	3.36	0.0469	0.000447	9.88	0.0023	0.0387	0.000336	0.000189	0.000107	0.124	0.00000203	0.000164	0.000596	0.00145	0.0000621
2086 Mar	120	0.067	0.0862	0.00262	23	0.0322	18.6	0.00119	0.000942	0.00000491	0.006	0.00149	0.0209	0.0212	0.00000495	20.2	0.000017	0.000474	0.000289	0.00104	0.0571	0.0000082	1.88	3.36	0.047	0.000447	9.88	0.0023	0.0387	0.000336	0.000189	0.000107	0.124	0.00000203	0.000164	0.000597	0.00145	0.0000621
2086 Apr	121	0.0672	0.0865	0.00263	23.1	0.0323	18.7	0.0012	0.000946	0.00000493	0.00602	0.0015	0.021	0.0213	0.00000497	20.3	0.0000171	0.000476	0.00029	0.00105	0.0574	0.00000823	1.89	3.37	0.0472	0.000449	9.92	0.00231	0.0389	0.000338	0.00019	0.000107	0.125	0.00000204	0.000165	0.000599	0.00145	0.0000623
2086 May	122	0.068	0.0868	0.00264	23.3	0.0325	18.8	0.00121	0.000957	0.00000499	0.0061	0.00152	0.0211	0.0219	0.00000503	20.8	0.0000173	0.000482	0.000299	0.00106	0.0589	0.00000835	1.91	3.43	0.0487	0.000451	10	0.00233	0.0395	0.00035	0.000193	0.000109	0.127	0.00000206	0.000165	0.000616	0.00148	0.0000623
2086 Jun	123	0.0621	0.0913	0.00274	23	0.0312	19.6	0.00121	0.000938	0.0000049	0.0059	0.0015	0.0219	0.0207	0.00000495	20	0.0000175	0.000496	0.000286	0.00103	0.0561	0.00000813	1.91	3.4	0.0474	0.000438	10	0.00239	0.0373	0.000338	0.000205	0.00011	0.124	0.00000204	0.000171	0.000611	0.00149	0.0000649
2086 Jul	129	0.063	0.0982	0.00292	23.9	0.0326	21	0.00127	0.000969	0.00000508	0.00607	0.00155	0.0234	0.0206	0.00000513	20.1	0.0000181	0.000521	0.000282	0.00106	0.0557	0.00000836	1.98	3.48	0.0468	0.000462	10.5	0.00252	0.0376	0.000327	0.000214	0.000114	0.127	0.00000211	0.000183	0.000609	0.00154	0.0000701
2086 Aug	129	0.0631	0.0975	0.00292	23.9	0.0333	20.9	0.00128	0.000983	0.00000514	0.00613	0.00156	0.0235	0.0207	0.0000052	20.2	0.000018	0.00052	0.000282	0.00107	0.0561	0.0000085	1.98	3.49	0.0466	0.000465	10.5	0.00252	0.0383	0.000325	0.000213	0.000114	0.127	0.00000214	0.000183	0.000606	0.00156	0.0000696
2086 Sep	124	0.0621	0.0931	0.00281	23.1	0.0331	20.1	0.00125	0.000968	0.00000506	0.00604	0.00152	0.0228	0.0202	0.00000511	19.7	0.0000174	0.000502	0.000272	0.00104	0.0547	0.00000842	1.92	3.37	0.0447	0.000459	10.1	0.00243	0.0379	0.000311	0.000204	0.00011	0.123	0.0000021	0.000176	0.00058	0.00152	0.0000663
2086 Oct	123	0.0622	0.0919	0.00279	23	0.0331	19.9	0.00124	0.000964	0.00000504	0.00604	0.00151	0.0226	0.0201	0.00000509	19.6	0.0000173	0.000497	0.00027	0.00104	0.0544	0.0000084	1.91	3.34	0.0442	0.000458	10	0.00241	0.0379	0.000307	0.000201	0.000109	0.123	0.00000209	0.000175	0.000574	0.00151	0.0000654
2086 Nov	123	0.0625	0.0919	0.00279	23	0.0331	19.9	0.00125	0.000966	0.00000505	0.00605	0.00151	0.0226	0.0202	0.0000051	19.7	0.0000173	0.000497	0.00027	0.00104	0.0545	0.00000842	1.91	3.35	0.0442	0.000459	10.1	0.00241	0.038	0.000307	0.000202	0.000109	0.123	0.00000209	0.000175	0.000575	0.00151	0.0000654
2086 Dec	123	0.0625	0.0919	0.00279	23	0.0332	19.9	0.00125	0.000967	0.00000505	0.00606	0.00151	0.0226	0.0202	0.0000051	19.7	0.0000173	0.000497	0.00027	0.00104	0.0545	0.00000842	1.91	3.35	0.0442	0.000459	10.1	0.00241	0.0381	0.000307	0.000201	0.000109	0.123	0.0000021	0.000175	0.000575	0.00151	0.0000654
2087 Jan	123	0.0625	0.0919	0.00279	23	0.0332	19.9	0.00125	0.000967	0.00000505	0.00606	0.00151	0.0226	0.0202	0.0000051	19.7	0.0000173	0.000497	0.00027	0.00104	0.0545	0.00000842	1.91	3.35	0.0443	0.000459	10.1	0.00241	0.0381	0.000307	0.000201	0.000109	0.123	0.0000021	0.000175	0.000575	0.00151	0.0000654
2087 Feb	123	0.0626	0.0919	0.00279	23	0.0332	19.9	0.00125	0.000967	0.00000505	0.00606	0.00151	0.0226	0.0202	0.0000051	19.7	0.0000174	0.000498	0.000271	0.00104	0.0545	0.00000842	1.91	3.35	0.0443	0.000459	10.1	0.00241	0.0381	0.000307	0.000201	0.000109	0.123	0.0000021	0.000175	0.000575	0.00151	0.0000654
2087 Mar	123	0.0626	0.092	0.00279	23	0.0332	19.9	0.00125	0.000968	0.00000506	0.00606	0.00152	0.0226	0.0202	0.00000511	19.7	0.0000174	0.000498	0.000271	0.00104	0.0546	0.00000843	1.91	3.35	0.0444	0.00046	10.1	0.00241	0.0381	0.000307	0.000202	0.000109	0.123	0.0000021	0.000175	0.000576	0.00151	0.0000655
2087 Apr	124	0.0627	0.0921	0.00279	23.1	0.0333	19.9	0.00125	0.00097	0.00000507	0.00607	0.00152	0.0227	0.0203	0.00000512	19.7	0.0000174	0.000499	0.000272	0.00104	0.0547	0.00000845	1.92	3.36	0.0445	0.000461	10.1	0.00242	0.0382	0.000308	0.000202	0.00011	0.123	0.0000021	0.000175	0.000577	0.00152	0.0000656
2087 May	124	0.0635	0.0914	0.00277	23.3	0.0329	19.8	0.00125	0.000972	0.00000507	0.00609	0.00154	0.0225	0.0211	0.00000513	20.4	0.0000176	0.000504	0.000288	0.00106	0.0571	0.0000085	1.94	3.45	0.0473	0.000456	10.1	0.00243	0.0388	0.000335	0.000205	0.000112	0.126	0.0000021	0.000175	0.000607	0.00153	0.0000645
2087 Jun	127	0.0646	0.093	0.00276	24	0.0316	20.3	0.00124	0.000952	0.00000497	0.00592	0.0016	0.0224	0.0229	0.00000503	21.8	0.0000177	0.000526	0.000325	0.00108	0.0616	0.00000833	2.02	3.67	0.0543	0.000449	10.4	0.00249	0.0386	0.000398	0.000211	0.000118	0.135	0.00000207	0.000177	0.000673	0.00151	0.000064
2087 Jul	130	0.0658	0.0948	0.00282	24.4	0.0323	20.7	0.00126	0.000973	0.00000508	0.00605	0.00163	0.0228	0.0234	0.00000514	22.2	0.000018	0.000536	0.000331	0.0011	0.0628	0.00000852	2.06	3.74	0.0552	0.000458	10.6	0.00254	0.0394	0.000404	0.000215	0.00012	0.137	0.00000211	0.00018	0.000685	0.00155	0.0000652
2087 Aug	133	0.0676	0.0973	0.0029	25.1	0.0333	21.3	0.0013	0.001	0.00000524	0.00623	0.00168	0.0235	0.024	0.0000053	22.8	0.0000185	0.000551	0.00034	0.00114	0.0646	0.00000878	2.12	3.85	0.0567	0.000471	10.9	0.00261	0.0406	0.000416	0.000221	0.000124	0.141	0.00000218	0.000185	0.000703	0.00159	0.000067
2087 Sep	134	0.0684	0.0979	0.00292	25.3	0.0337	21.4	0.00131	0.00101	0.00000529	0.00629	0.00169	0.0237	0.0242	0.00000534	23	0.0000187	0.000555	0.000342	0.00115	0.0652	0.00000886	2.13	3.88	0.0571	0.000476	10.9	0.00263	0.0411	0.000418	0.000222	0.000124	0.142	0.00000219	0.000187	0.000708	0.0016	0.0000674
2087 Oct	132	0.0681	0.0964	0.00288	25	0.0334	21.1	0.0013	0.001	0.00000524	0.00625	0.00167	0.0234	0.024	0.00000053	22.8	0.0000185	0.000548	0.000338	0.00114	0.0645	0.00000879	2.11	3.83	0.0563	0.000473	10.8	0.0026	0.0408	0.000412	0.000219	0.000123	0.14	0.00000217	0.000185	0.000698	0.00159	0.0000663
2087 Nov	131	0.0682	0.0955	0.00286	24.8	0.0334	20.9	0.00129	0.001	0.00000522	0.00624	0.00166	0.0232	0.0239	0.00000528	22.6	0.0000184	0.000543	0.000335	0.00113	0.0641	0.00000877	2.09	3.8	0.0558	0.000472	10.7	0.00258	0.0408	0.000408	0.000217	0.000122	0.139	0.00000217	0.000183	0.000693	0.00158	0.0000656
2087 Dec	131	0.0682	0.0954	0.00286	24.8	0.0334	20.9	0.00129	0.001	0.00000522	0.00625	0.00166	0.0232	0.0239	0.00000528	22.6	0.0000184	0.000543	0.000335	0.00113	0.0641	0.00000877	2.09	3.8	0.0557	0.000472	10.7	0.00258	0.0408	0.000407	0.000217	0.000122	0.139	0.00000217	0.000183	0.000692	0.00158	0.0000656
2088 Jan	131	0.0683	0.0954	0.00286	24.8	0.0334	20.9	0.00129	0.001	0.00000522	0.00625	0.00166	0.0232	0.0239	0.00000528	22.6	0.0000184	0.000543	0.000335	0.00113	0.0642	0.00000878	2.09	3.8	0.0557	0.000472	10.7	0.00258	0.0408	0.000407	0.000217	0.000122	0.139	0.00000217	0.000183	0.000692	0.00158	0.0000656
2088 Feb	131	0.0683	0.0954	0.00286	24.8	0.0334	20.9	0.00129	0.001	0.00000522	0.00625	0.00166	0.0232	0.0239	0.00000528	22.6	0.0000184	0.000543	0.000336	0.00113	0.0642	0.00000878	2.09	3.8	0.0558	0.000472	10.7	0.00258	0.0409	0.000408	0.000217	0.000122	0.14	0.00000217	0.000183	0.000693	0.00158	0.0000655
2088 Mar	131	0.0683	0.0955	0.00286	24.8	0.0335	20.9	0.00129	0.001	0.00000522	0.00626	0.00166	0.0232	0.0239	0.00000528	22.7	0.0000184	0.000544	0.000336	0.00113	0.0643	0.00000879	2.1	3.81	0.0559	0.000473	10.7	0.00258	0.0409	0.000408	0.000217	0.000122	0.14	0.00000217	0.000183	0.000694	0.00158	0.0000656
2088 Apr	132	0.0689	0.0962	0.00288	25	0.0337	21.1	0.0013	0.00101	0.00000526	0.0063	0.00168	0.0234	0.0241	0.00000532	22.8	0.0000186	0.000548	0.000339	0.00114	0.0648	0.00000885	2.11	3.84	0.0563	0.000476	10.8	0.0026	0.0412	0.000411	0.000219	0.000123	0.141	0.00000218	0.000185	0.000699	0.00159	0.0000664
2088 May	135	0.07	0.0977	0.00293	25.4	0.0343	21.4	0.00132	0.00102	0.00000535	0.0064	0.0017	0.0238	0.0245	0.00000541	23.2	0.0000189	0.000557	0.000344	0.00116	0.0658	0.000009	2.15	3.9	0.0572	0.000484	11	0.00264	0.0419	0.000418	0.000222	0.000125	0.143	0.00000222	0.000188	0.000711	0.00162	0.0000671
2088 Jun	119	0.0599	0.085	0.00264	22.3	0.0315	18.7	0.00125	0.000989	0.00000514	0.00633	0.00154	0.0217	0.0217	0.00000519	20.6	0.0000188	0.000499	0.000297	0.00105	0.0598	0.00000882	1.92	3.43	0.0493	0.000425	9.63	0.00237	0.0406	0.000356	0.000218	0.000111	0.126	0.00000213	0.000167	0.000654	0.00163	0.0000579
2088 Jul	120	0.0598	0.0859	0.00268	22.4	0.0321	18.9	0.00128	0.00102	0.00000528	0.00652	0.00156	0.0221	0.0218	0.00000533	20.7	0.0000194	0.000505	0.000297	0.00106	0.0603	0.00000908	1.94	3.45	0.0491	0.000429	9.71	0.00241	0.0416	0.000354	0.000224	0.000112	0.127	0.00000218	0.00017	0.000662	0.00169	0.0000585
2088 Aug	126	0.0627	0.0899	0.00281	23.5	0.0337	19.8	0.00134	0.00107	0.00000553	0.00683	0.00164	0.0231	0.0228	0.00000559	21.7	0.0000203	0.000529	0.000311	0.00111	0.0632	0.00000952	2.04	3.61	0.0514	0.000449	10.2	0.00252	0.0436	0.00037	0.000235	0.000117	0.133	0.00000229	0.000178	0.000693	0.00177	0.0000612
2088 Sep	127	0.0632	0.0905	0.00283	23.6	0.034	19.9	0.00135	0.00107	0.00000557	0.00689	0.00165	0.0233	0.023	0.00000563	21.9	0.0000204	0.000532	0.000313	0.00112	0.0637	0.00000959	2.05	3.63	0.0518	0.000453	10.2	0.00254	0.044	0.000373	0.000236	0.000118	0.134	0.0000023	0.000179	0.000697	0.00178	0.0000616
2088 Oct	120	0.0629	0.0842	0.00266	22.4	0.0332	18.7	0.00129	0.00103	0.00000536	0.00672	0.00158	0.0221	0.022	0.00000541	20.9	0.0000195	0.000502	0.000295	0.00108	0.0609	0.00000928	1.95	3.44	0.0484	0.000443	9.67	0.0024	0.043	0.000347	0.00022	0.000111	0.127	0.00000221	0.000169	0.000655	0.00169	0.0000572
2088 Nov	118	0.0636	0.0821	0.00262	22.1	0.0333	18.3	0.00128	0.00103	0.00000533	0.00672	0.00156	0.0217	0.0218	0.00000538	20.7	0.0000193	0.000493	0.00029	0.00107	0.0603	0.00000925	1.92	3.39	0.0474	0.000443	9.51	0.00236	0.0431	0.000338	0.000215	0.000109	0.125	0.00000222	0.000167	0.000642	0.00167	0.0000557
2088 Dec	118	0.0637	0.082	0.00261	22.1	0.0333	18.3	0.00128	0.00103	0.00000533	0.00672	0.00156	0.0217	0.0218	0.00000538	20.7	0.0000193	0.000493	0.00029	0.00107	0.0603	0.00000925	1.92	3.39	0.0473	0.000443	9.51	0.00235	0.0431	0.000338	0.000215	0.000109	0.125	0.00000222	0.000167	0.000642	0.00167	0.0000556
2089 Jan	118	0.0637	0.082	0.00261	22.1	0.0333	18.3	0.00128	0.00103	0.00000533	0.00672	0.00156	0.0217	0.0218	0.00000538	20.7	0.0000193	0.000493	0.00029	0.00107	0.0603	0.00000925	1.92	3.39	0.0473	0.000443	9.51	0.00235	0.0431	0.000338	0.000215	0.000109	0.125	0.00000222	0.000167	0.000642	0.00167	0.0000556
2089 Feb	118	0.0638	0.082	0.00261	22.1	0.0333	18.3	0.00128	0.00103	0.00000533	0.00673	0.00156	0.0217	0.0218	0.00000538	20.7	0.0000193	0.000493	0.00029	0.00107	0.0604	0.00000926	1.92	3.39	0.0474	0.000443	9.51	0.00235	0.0431	0.000338	0.000215	0.000109	0.125	0.00000222	0.000167	0.000642	0.00167	0.0000556
2089 Mar	118	0.0639	0.0821	0.00262	22.1	0.0334	18.3	0.00128	0.00103	0.00000534	0.00673	0.00156	0.0217	0.0219	0.00000539	20.7	0.0000194	0.000493	0.00029	0.00107	0.0604	0.00000927	1.92	3.4	0.0475	0.000444	9.52	0.00236	0.0432	0.000338	0.000215	0.000109	0.126	0.00000222	0.000167	0.000643	0.00167	0.0000556
2089 Apr	118	0.0642	0.0825	0.00263	22.2	0.0335	18.4	0.00128	0.00103	0.00000536	0.00676	0.00157	0.0218	0.022	0.00000541	20.8	0.0000195	0.000496	0.000293	0.00108	0.0607	0.00000931	1.93	3.41	0.0477	0.000446	9.56	0.00237	0.0434	0.00034	0.000216	0.00011	0.126	0.00000221	0.000168	0.000646	0.00168	0.0000559
2089 May	119	0.0649	0.0814	0.00259	22.5	0.033	18.2	0.00128	0.00103	0.00000535	0.00674	0.00159	0.0215	0.0231	0.0000054	21.6	0.0000196	0.000501	0.000313	0.0011	0.0636	0.00000933	1.96	3.51	0.0513	0.000439	9.61	0.00237	0.0439	0.000374	0.000218	0.000112	0.13	0.00000221	0.000166	0.000682	0.00169	0.0000545
2089 Jun	121	0.0654	0.

Appendix D.2-12: A6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	32.7	0.00997	0.00476	0.000899	5.56	0.0192	1.93	0.000899	0.000899	0.0000045	0.00644	0.00187	0.00853	0.0104	0.0000045	9.04	0.0000103	0.000178	0.0000922	0.00056	0.0378	0.00000899	0.797	1.08	0.00911	0.0000998	2.35	0.000899	0.0409	0.0000183	0.0000193	0.000038	0.0449	0.0000018	0.0000462	0.000181	0.00105	
Operation (2026-2036): Mean	51.2	0.0854	0.0069	0.00101	12.3	0.0389	4.69	0.00101	0.00101	0.00000504	0.00796	0.011	0.0112	0.0181	0.00000504	16.2	0.000016	0.00022	0.000165	0.000935	0.0513	0.0000101	1.17	1.92	0.0187	0.000456	4.25	0.00107	0.0545	0.000105	0.000074	0.0000485	0.0783	0.00000202	0.0000778	0.000328	0.00134	
Operation (2026-2036): Max	79.2	0.119	0.0183	0.00128	18.2	0.0468	6.31	0.00128	0.00128	0.00000639	0.00898	0.0671	0.0128	0.0345	0.00000639	28.2	0.0000228	0.000393	0.000497	0.00124	0.0979	0.0000128	1.85	3.78	0.0819	0.000604	6.52	0.00171	0.0658	0.00069	0.000233	0.000107	0.148	0.00000255	0.0000929	0.00106	0.00217	
2092 Jun	125	0.0654	0.0968	0.00289	23.4	0.0337	22.7	0.00129	0.000944	0.00000495	0.00595	0.00167	0.0253	0.0221	0.00000504	21.7	0.0000177	0.000586	0.000309	0.0011	0.0588	0.00000846	2.1	3.79	0.0521	0.000509	10.2	0.00267	0.038	0.000365	0.000214	0.000123	0.136	0.00000207	0.000202	0.000638	0.00149	0.0000627
2092 Jul	128	0.0652	0.1	0.00299	23.6	0.0344	23.5	0.00132	0.000952	0.000005	0.00598	0.00169	0.0262	0.0217	0.0000051	21.5	0.0000178	0.000599	0.000302	0.0011	0.0576	0.00000851	2.13	3.8	0.0508	0.000522	10.4	0.00273	0.0378	0.000351	0.000218	0.000124	0.136	0.0000021	0.000209	0.000626	0.0015	0.0000654
2092 Aug	131	0.0671	0.103	0.00307	24.3	0.0355	24.1	0.00136	0.000983	0.00000516	0.00617	0.00174	0.027	0.0223	0.00000526	22.1	0.0000183	0.000616	0.00031	0.00113	0.0594	0.00000879	2.19	3.91	0.0523	0.000538	10.7	0.00281	0.039	0.000361	0.000224	0.000128	0.14	0.00000217	0.000215	0.000643	0.00155	0.0000671
2092 Sep	130	0.0668	0.102	0.00304	24.1	0.0355	23.9	0.00135	0.00098	0.00000515	0.00615	0.00173	0.0267	0.0222	0.00000524	22	0.0000181	0.00061	0.000307	0.00113	0.059	0.00000878	2.17	3.88	0.0517	0.000536	10.6	0.00278	0.0389	0.000356	0.000222	0.000127	0.139	0.00000216	0.000213	0.000636	0.00154	0.0000663
2092 Oct	128	0.0666	0.1	0.003	23.8	0.0352	23.5	0.00134	0.000972	0.0000051	0.00612	0.00171	0.0264	0.022	0.00000519	21.8	0.0000179	0.000601	0.000303	0.00112	0.0584	0.00000871	2.14	3.83	0.0509	0.000532	10.5	0.00274	0.0387	0.00035	0.000218	0.000125	0.137	0.00000214	0.00021	0.000627	0.00152	0.0000652
2092 Nov	128	0.0669	0.0994	0.00298	23.7	0.0353	23.3	0.00133	0.000971	0.00000509	0.00613	0.0017	0.0263	0.0219	0.00000519	21.7	0.0000179	0.000598	0.000302	0.00112	0.0582	0.00000871	2.13	3.81	0.0506	0.000531	10.4	0.00273	0.0388	0.000348	0.000216	0.000124	0.137	0.00000214	0.000209	0.000623	0.00152	0.0000646
2092 Dec	128	0.0669	0.0994	0.00298	23.7	0.0353	23.3	0.00133	0.000971	0.0000051	0.00613	0.0017	0.0262	0.0219	0.00000519	21.7	0.0000179	0.000598	0.000301	0.00112	0.0582	0.00000871	2.13	3.81	0.0505	0.000532	10.4	0.00273	0.0389	0.000347	0.000216	0.000124	0.137	0.00000214	0.000209	0.000623	0.00152	0.0000646
2093 Jan	128	0.067	0.0993	0.00298	23.7	0.0353	23.3	0.00133	0.000971	0.0000051	0.00613	0.0017	0.0262	0.0219	0.00000519	21.7	0.0000179	0.000598	0.000302	0.00112	0.0582	0.00000871	2.13	3.81	0.0505	0.000532	10.4	0.00273	0.0389	0.000347	0.000216	0.000124	0.137	0.00000214	0.000209	0.000623	0.00152	0.0000646
2093 Feb	128	0.067	0.0993	0.00298	23.7	0.0353	23.3	0.00133	0.000971	0.0000051	0.00614	0.0017	0.0262	0.0219	0.00000519	21.7	0.0000179	0.000598	0.000302	0.00112	0.0583	0.00000872	2.13	3.81	0.0506	0.000532	10.4	0.00273	0.0389	0.000348	0.000216	0.000124	0.137	0.00000214	0.000209	0.000624	0.00152	0.0000646
2093 Mar	128	0.0672	0.0995	0.00299	23.8	0.0354	23.4	0.00134	0.000974	0.00000511	0.00615	0.00171	0.0263	0.022	0.0000052	21.8	0.000018	0.000599	0.000303	0.00112	0.0584	0.00000874	2.14	3.82	0.0507	0.000533	10.4	0.00273	0.039	0.000349	0.000217	0.000125	0.137	0.00000214	0.000209	0.000625	0.00152	0.0000647
2093 Apr	128	0.0675	0.1	0.003	23.9	0.0356	23.5	0.00134	0.000978	0.00000513	0.00618	0.00171	0.0264	0.0221	0.00000523	21.9	0.000018	0.000602	0.000304	0.00112	0.0587	0.00000878	2.15	3.84	0.051	0.000536	10.5	0.00275	0.0392	0.00035	0.000218	0.000125	0.138	0.00000215	0.00021	0.000629	0.00153	0.000065
2093 May	129	0.0682	0.0992	0.00298	24.1	0.0355	23.3	0.00135	0.000988	0.00000518	0.00624	0.00174	0.0262	0.0228	0.00000527	22.4	0.0000183	0.000605	0.000317	0.00114	0.0608	0.00000889	2.17	3.9	0.0531	0.000532	10.5	0.00275	0.04	0.00037	0.00022	0.000127	0.14	0.00000217	0.000209	0.000652	0.00155	0.0000641
2093 Jun	127	0.0659	0.0965	0.00288	23.6	0.0334	22.9	0.0013	0.000951	0.00000499	0.006	0.00172	0.0254	0.0233	0.00000508	22.6	0.0000181	0.000602	0.000332	0.00112	0.0622	0.0000086	2.15	3.93	0.0562	0.000507	10.3	0.00271	0.039	0.000401	0.000221	0.000127	0.141	0.00000209	0.000204	0.000683	0.00152	0.0000611
2093 Jul	131	0.0677	0.101	0.003	24.4	0.0346	23.8	0.00135	0.000998	0.00000514	0.00617	0.00177	0.0265	0.0238	0.00000524	23.2	0.0000186	0.000624	0.000338	0.00115	0.0634	0.00000885	2.22	4.05	0.0572	0.000527	10.6	0.00282	0.0399	0.000407	0.000229	0.000131	0.145	0.00000216	0.000212	0.000696	0.00156	0.0000639
2093 Aug	134	0.0691	0.103	0.00306	24.9	0.0354	24.3	0.00138	0.001	0.00000526	0.00631	0.00181	0.027	0.0243	0.00000536	23.7	0.000019	0.000636	0.000344	0.00118	0.0648	0.00000906	2.27	4.13	0.0583	0.000538	10.8	0.00287	0.0408	0.000415	0.000233	0.000134	0.148	0.00000221	0.000216	0.000709	0.0016	0.0000651
2093 Sep	133	0.0692	0.101	0.00304	24.7	0.0354	24	0.00137	0.001	0.00000524	0.00631	0.0018	0.0268	0.0242	0.00000534	23.5	0.0000189	0.000663	0.000341	0.00117	0.0644	0.00000904	2.25	4.09	0.0577	0.000537	10.8	0.00285	0.0409	0.00041	0.00023	0.000133	0.147	0.00000222	0.000215	0.000702	0.00159	0.0000642
2093 Oct	123	0.0691	0.0927	0.00282	23.1	0.0347	22.2	0.0013	0.00096	0.00000502	0.00618	0.00169	0.0251	0.0227	0.00000511	22.1	0.0000179	0.000583	0.000315	0.00112	0.0606	0.00000873	2.1	3.81	0.0525	0.000522	10	0.00264	0.04	0.000369	0.00021	0.000122	0.137	0.00000221	0.0002	0.000643	0.00149	0.0000587
2093 Nov	122	0.0701	0.0918	0.0028	22.9	0.035	22.1	0.00129	0.000953	0.00000498	0.00617	0.00167	0.025	0.0222	0.00000507	21.8	0.0000176	0.000576	0.000305	0.00111	0.0591	0.00000867	2.08	3.75	0.0505	0.000528	9.89	0.00261	0.0399	0.000351	0.000204	0.00012	0.135	0.00000208	0.0002	0.000619	0.00147	0.0000581
2093 Dec	122	0.0703	0.0916	0.0028	22.9	0.0351	22.1	0.00129	0.000953	0.00000499	0.00618	0.00167	0.025	0.0222	0.00000508	21.8	0.0000176	0.000576	0.000304	0.00111	0.0591	0.00000867	2.08	3.74	0.0504	0.000529	9.88	0.00261	0.0399	0.00035	0.000203	0.00012	0.135	0.00000209	0.0002	0.000618	0.00147	0.000058
2094 Jan	122	0.0703	0.0916	0.0028	22.9	0.0351	22.1	0.00129	0.000953	0.00000499	0.00619	0.00167	0.025	0.0222	0.00000508	21.8	0.0000176	0.000576	0.000304	0.00111	0.0591	0.00000868	2.08	3.74	0.0505	0.000529	9.88	0.00261	0.04	0.00035	0.000203	0.00012	0.135	0.00000209	0.0002	0.000619	0.00147	0.000058
2094 Feb	122	0.0703	0.0916	0.0028	22.9	0.0351	22.1	0.00129	0.000953	0.00000499	0.00619	0.00167	0.025	0.0223	0.00000508	21.8	0.0000176	0.000576	0.000305	0.00111	0.0592	0.00000868	2.08	3.75	0.0505	0.000529	9.89	0.00261	0.04	0.000351	0.000203	0.00012	0.135	0.00000209	0.0002	0.000619	0.00147	0.000058
2094 Mar	122	0.0704	0.0917	0.0028	22.9	0.0351	22.1	0.00129	0.000955	0.00000499	0.00619	0.00168	0.025	0.0223	0.00000508	21.8	0.0000177	0.000577	0.000305	0.00111	0.0593	0.00000869	2.08	3.75	0.0506	0.00053	9.9	0.00262	0.04	0.000351	0.000203	0.00012	0.135	0.00000209	0.0002	0.00062	0.00147	0.0000581
2094 Apr	123	0.0707	0.092	0.00281	23	0.0352	22.2	0.00129	0.000958	0.00000501	0.00621	0.00168	0.0251	0.0224	0.0000051	21.9	0.0000177	0.000579	0.000307	0.00111	0.0595	0.00000872	2.09	3.77	0.0508	0.000531	9.93	0.00262	0.0402	0.000352	0.000204	0.000121	0.136	0.0000021	0.0002	0.000623	0.00147	0.0000582
2094 May	125	0.0708	0.0934	0.00284	23.4	0.035	22.5	0.0013	0.00096	0.00000502	0.0062	0.00171	0.0253	0.0231	0.00000512	22.5	0.0000179	0.000591	0.000321	0.00113	0.0615	0.00000874	2.13	3.87	0.0536	0.000531	10.1	0.00267	0.0403	0.000377	0.000209	0.000124	0.139	0.0000021	0.000203	0.000651	0.00149	0.0000587
2094 Jun	132	0.0711	0.1	0.00298	24.5	0.0348	24.1	0.00133	0.000963	0.00000505	0.00612	0.00179	0.0265	0.0244	0.00000516	23.7	0.0000183	0.000631	0.000348	0.00117	0.0645	0.00000875	2.24	4.12	0.0589	0.000541	10.6	0.00283	0.04	0.00042	0.000223	0.000132	0.148	0.00000212	0.000214	0.000703	0.00151	0.0000622
2094 Jul	138	0.0745	0.105	0.00313	25.7	0.0365	25.3	0.0014	0.00101	0.00000531	0.00643	0.00188	0.0278	0.0256	0.00000542	24.8	0.0000193	0.000662	0.000365	0.00122	0.0677	0.00000919	2.35	4.32	0.0617	0.000567	11.1	0.00297	0.042	0.000441	0.000234	0.000139	0.155	0.00000223	0.000225	0.000737	0.00159	0.0000652
2094 Aug	145	0.0783	0.11	0.00329	27	0.0384	26.6	0.00147	0.00106	0.00000559	0.00676	0.00198	0.0292	0.0269	0.0000057	26.1	0.0000202	0.000696	0.000383	0.00129	0.0712	0.00000967	2.47	4.55	0.0649	0.000596	11.7	0.00312	0.0442	0.000463	0.000246	0.000146	0.163	0.00000234	0.000236	0.000775	0.00167	0.0000685
2094 Sep	143	0.0782	0.108	0.00324	26.7	0.0382	26.1	0.00146	0.00106	0.00000554	0.00674	0.00195	0.0288	0.0266	0.00000565	25.8	0.00002	0.000685	0.000378	0.00127	0.0704	0.00000961	2.44	4.48	0.0638	0.000592	11.5	0.00307	0.0441	0.000455	0.000242	0.000144	0.161	0.00000233	0.000233	0.000763	0.00166	0.0000673
2094 Oct	135	0.0773	0.101	0.00305	25.3	0.0374	24.5	0.0014	0.00102	0.00000536	0.00661	0.00186	0.0273	0.0254	0.00000546	24.7	0.0000193	0.000646	0.000357	0.00123	0.0674	0.00000935	2.32	4.24	0.0597	0.000574	10.9	0.0029	0.0433	0.000424	0.000226	0.000135	0.153	0.00000224	0.00022	0.000718	0.00159	0.0000626
2094 Nov	127	0.0767	0.0935	0.00287	24	0.0367	22.9	0.00134	0.000993	0.00000519	0.00651	0.00177	0.0258	0.0243	0.00000528	23.5	0.0000185	0.000606	0.000336	0.00118	0.0645	0.00000911	2.19	4.01	0.0556	0.000558	10.3	0.00273	0.0428	0.000393	0.00021	0.000127	0.145	0.00000217	0.000208	0.000672	0.00152	0.0000578
2094 Dec	126	0.0768	0.0924	0.00284	23.9	0.0367	22.7	0.00133	0.000991	0.00000517	0.00651	0.00176	0.0256	0.0242	0.00000527	23.4	0.0000184	0.000601	0.000333	0.00117	0.0642	0.0000091	2.18	3.98	0.0551	0.000557	10.2	0.0027	0.0428	0.000388	0.000207	0.000126	0.144	0.00000216	0.000206	0.000667	0.00151	0.0000572
2095 Jan	126	0.0769	0.0924	0.00284	23.9	0.0367	22.7	0.00133	0.000991	0.00000517	0.00652	0.00176	0.0256	0.0242	0.00000527	23.4	0.0000184	0.000601	0.000333	0.00118	0.0642	0.00000911	2.18	3.98	0.0551	0.000557	10.2	0.0027	0.0428	0.000388	0.000207	0.000126	0.144	0.00000216	0.000206	0.000667	0.00151	0.0000571
2095 Feb	126	0.0769	0.0923	0.00284	23.9	0.0367	22.7	0.00133	0.000991	0.00000517	0.00652	0.00176	0.0256	0.0242	0.00000527	23.4	0.0000184	0.000601	0.000334	0.00118	0.0643	0.0000091	2.18	3.98	0.0552	0.000557	10.2	0.0027	0.0428	0.000389	0.000207	0.000126	0.144	0.00000216	0.000206	0.000668	0.00151	0.0000571
2095 Mar	127	0.077	0.0924	0.00284	23.9	0.0367	22.7	0.00133	0.000992	0.00000518	0.00652	0.00177	0.0256	0.0243	0.00000527	23.5	0.0000184	0.000601	0.000334	0.00118	0.0644	0.00000911	2.18	3.99	0.0553	0.000557	10.2	0.00271	0.0429	0.000389	0.000207	0.000126	0.144	0.00000216	0.000206	0.000669	0.00151	0.0000571
2095 Apr	127	0.0773	0.0928	0.00285	24	0.0368	22.8	0.00134	0.000996	0.0000052	0.00655	0.00177	0.0257	0.0244	0.00000529	23.6	0.0000185	0.000604	0.000336	0.00118	0.0647	0.00000914	2.19	4	0.0556	0.00056	10.2	0.00272	0.0431	0.000391	0.000208	0.000126	0.145	0.00000217	0.000207	0.000672	0.00152	0.0000573
2095 May	127	0.0768	0.0917	0.00282	24	0.0363	22.5	0.00133	0.000993	0.00000518	0.00652	0.00178	0.0253	0.0249	0.00000528	23.9	0.0000186	0.000603	0.000346	0.00118	0.0661	0.00000914	2.2	4.04	0.0573	0.00055	10.2	0.00271	0.0432	0.000408	0.00021	0.000127	0.146	0.00000216	0.000205	0.000691	0.00152	0.0000562
2095 Jun	128	0.0764	0.0919	0.00282	24.3	0.0357	22.6	0.00133	0.000998	0.00000522	0.00652	0.00181	0.0253	0.0259	0.00000534	24.6	0.0000189	0.000612	0.000364	0.0012	0.0688	0.0000092	2.23	4.14	0.0608	0.000542	10.3	0.00274	0.0437	0.000441	0.000217	0.00013	0.15	0.00000217	0.000204	0.000723	0.00153	0.0000565
2095 Jul	134	0.0799	0.096	0.00295	25.4	0.0374	23.7	0.0014	0.00105	0.00000545	0.00683	0.00189	0.0264	0.0271	0.00000555	25.7	0.0000198	0.000641	0.000381	0.00126	0.072	0.00000964	2.34	4.33	0.0636	0.000567	10.8	0.00286	0.0458	0.000461	0.000227	0.000136	0.157	0.00000228	0.000214	0.000764	0.00163	0.0000583
2095 Aug	132	0.0789	0.0946	0.00291	25.1	0.0371	23.3	0.00138	0.00104	0.0000054	0.00676	0.00187	0.0261	0.0267	0.0000055	25.4	0.0000195	0.000632	0.000376	0.00124	0.0712	0.00000956	2.31	4.28	0.0627	0.00056	10.6	0.00282	0.0454	0.000454	0.000224	0.000135	0.155	0.00000226	0.000211	0.000752	0.00161	0.0000574
2095 Sep	131	0.0785	0.0931	0.00287	24.8	0.0371	23	0.00137	0.00103	0.00000538	0.00674	0.00186	0.0258	0.0265	0.00000548	25.2	0.0000193	0.000624	0.000371	0.00123	0.0705	0.00000954	2.29	4.23	0.0618	0.000558	10.5	0.00279	0.0452	0.000447	0.00022	0.000133	0.153	0.00000225	0.000208	0.000741	0.0016	0.0000564
2095 Oct	130	0.0784	0.0926	0.00286	24.7	0.037	22.9	0.00137	0.00103	0.00000537	0.00673	0.00185	0.0257	0.0264	0.00000546	25.1	0.0000192	0.000621	0.000369	0.00123	0.0702	0.00000952	2.28	4.21	0.0615	0.000557	10.5	0.00278	0.0452	0.000444	0.000219	0.000132	0.153	0.00000224	0.000207	0.000738	0.00159	0.0000561
2095 Nov	128	0.078	0.0903	0.0028	24.3	0.0367	22.4	0.00135	0.00102	0.0000053	0.00668	0.00182	0.0252	0.026	0.0000054	24.7	0.0000189	0.000608	0.000362	0.00121	0.0691	0.00000942	2.24	4.13	0.0601	0.000551	10.3	0.00272	0.0448	0.000433	0.000214	0.00013	0.15	0.00000221	0.000203	0.000722	0.00157	0.0000547
2095 Dec	128	0.0782	0.0894	0.00278	24.2	0.0368	22.2	0.00134	0.00102	0.00000529	0.00668	0.00181	0.0251	0.0259	0.00000538	24.6	0.0000189	0.000604	0.000359	0.00121	0.0688	0.00000941	2.22	4.1	0.0595	0.00055	10.2	0.0027	0.0449	0.000429	0.000212	0.000129	0.149	0.00000221	0.000202	0.000716	0.00156	0.0000541
2096 Jan	127	0.0782	0.0893	0.00278	24.2	0.0368	22.2	0.00134	0.00102	0.00000529	0.00669	0.00181	0.0251	0.0259	0.00000538	24.6	0.0000189	0.000604	0.00036	0.00121	0.0689	0.00000941	2.22	4.1	0.0596	0.00055	10.2	0.0027	0.0449	0.000429	0.000212	0.000129	0.149	0.00000221	0.000202	0.000716	0.00156	0.000054
2096 Feb	127	0.0783	0.0893	0.00278	24.2	0.0368	22.2	0.00134	0.00102	0.0000053	0.00669	0.00181	0.0251	0.0259	0.00000539	24.6	0.0000189	0.000604	0.00036	0.00121	0.069	0.00000942	2.22	4.11	0.0597	0.00055	10.2	0.0027	0.0449	0.000429	0.000212	0.000129	0.149	0.00000221	0.000202	0.000718	0.00156	0.000054
2096 Mar	127	0.0784	0.0894	0.00278	24.2	0.0368	22.2	0.00134	0.00102	0.0000053	0.00669	0.00181	0.0251	0.026	0.00000539	24.7	0.0000189	0.000604	0.000361	0.00121	0.0691	0.00000943	2.23	4.11	0.0598	0.000551	10.2	0.00271	0.045	0.00043	0.000212	0.000129	0.149	0.00000221	0.000202	0.000719	0.00156	0.0000541
2096 Apr	127	0.0787	0.0897	0.00279	24.3	0.0369	22.3	0.00135	0.00102	0.00000532	0.00672	0.00182	0.0252	0.0261	0.00000541	24.8	0.000019	0.000607	0.000362	0.00121	0.0694	0.00000946	2.23	4.13	0.06	0.000553	10.3	0.00272	0.0452	0.000432	0.000213	0.000129	0.15	0.00000222	0.000203	0.000722	0.00157	0.0000543
2096 May	127	0.0789	0.0889	0.00277	24.4	0.0368	22.1	0.00135	0.00103	0.00000534	0.00676	0.00183	0.025	0.0266	0.00000543	25.1	0.0000191	0.000607	0.000371	0.00122	0.0708	0.00000953	2.25	4.17	0.0615	0.000548	10.3	0.00271	0.0457	0.000446	0.000214	0.00013	0.152	0.00000223	0.000201	0.000739	0.00158	0.0000534
2096 Jun	126	0.067	0.0945	0.00289	22.9	0.0345	23.2	0.00133	0.000969	0.00000507	0.0063	0.00173	0.0262	0.0228	0.00000517	22.3	0.0000188	0.00061	0.000317	0.00112	0.061	0.00000893	2.15	3.89	0.0535	0.000527	9.94	0.00274	0.0404	0.000372	0.000225	0.000126	0.139	0.00000213	0.000209	0.000666	0.00156	0.0000576
2096 Jul	134	0.0688	0.103	0.00313	24	0.0362	25.3	0.0014	0.000998	0.00000524	0.00645	0.00181	0.0283	0.0228	0.00000536	22.8	0.0000194	0.000661	0.000317	0.00116	0.063	0.00000916	2.25	4.06	0.0538	0.000563	10.5	0.00293	0.0406	0.000368	0.000236	0.000132	0.144	0.00000222	0.000226	0.000671	0.00161	0.0000634
2096 Aug	139	0.0715	0.107	0.00325	25	0.0377	26.3	0.00145	0.00104	0.00000545	0.00671	0.00188	0.0294	0.0238	0.00000557	23.7	0.0000202	0.000676	0.00033	0.00121	0.0635	0.00000953	2.34	4.22	0.056	0.000586	10.9	0.00304	0.0423	0.000382	0.000246	0.000137	0.15	0.00000229	0.000235	0.000697	0.00167	0.0000659
2096 Sep	135	0.0715	0.103	0.00314	24.3	0.0373	25.4	0.00142	0.00102	0.00000536	0.00666	0.00183	0.0285	0.0232	0.00000548	23.1	0.0000197	0.000654	0.00032	0.00119	0.0621	0.0000094	2.27	4.09	0.0539	0.000577	10.6	0.00294	0.042	0.000367	0.000236	0.000133	0.146	0.00000225	0.000228	0.000674	0.00163	0.0000632
2096 Oct	125	0.0713	0.0933	0.0029	22.7	0.0364	23.2	0.00134	0.000983	0.00000514	0.00652	0.00172	0.0264	0.022	0.00000524	21.8	0.0000187	0.000602	0.000297	0.00113	0.0589	0.00000909	2.12	3.8	0.0492	0.000556	9.83	0.00272	0.0414	0.000332	0.000214	0.000122	0.136	0.00000215	0.000211	0.00062	0.00154	0.0000571
2096 Nov	124	0.0715	0.0923	0.00287	22.6	0.0364	23	0.00133	0.00098	0.00000512	0.00652	0.00171	0.0262	0.0219	0.00000523	21.7	0.0000186	0.000597	0.000294	0.00113	0.0586	0.00000907	2.11	3.78	0.0487	0.000555	9.76	0.0027	0.0414	0.000328	0.000212	0.000121	0.135	0.00000215	0.000209	0.000614	0.00153	0.0000564

Appendix D.2-13: WEN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	737	0.00962	0.0154	0.00149	376	0.0151	43.9	0.000147	0.000147	0.0000056	0.00859	0.00352	0.146	0.0188	0.00000583	1.02	0.00000564	0.000784	0.000334	0.000328	0.0216	0.00000165	5.25	2.01	0.011	0.00192	113	0.00372	0.00271	0.0000276	0.000784	0.000149	0.364	0.00000211	0.000737	0.000736	0.000174	1.22E-20
Operation (2026-2036): Mean	4130	0.476	1.69	0.0494	1170	0.153	239	0.00184	0.00184	0.0000411	0.0226	0.0633	0.433	0.162	0.000725	26.5	0.0000537	0.00245	0.00114	0.00338	0.0653	0.0000244	14.4	13.3	0.111	0.0101	431	0.0316	0.0249	0.000216	0.00243	0.000668	1.14	0.0000738	0.00262	0.0154	0.00195	0.00447
Operation (2026-2036): Max	6860	0.884	3.41	0.0977	2160	0.257	393	0.00612	0.00612	0.000152	0.061	1.07	0.912	0.611	0.00304	42	0.0000876	0.00611	0.00308	0.00563	0.159	0.00004	29.4	21.7	0.194	0.0304	945	0.0563	0.0417	0.000643	0.00548	0.00107	2.62	0.000304	0.00429	0.0609	0.00284	0.0181
Active Closure (2037-2043): Min	125	0.0153	0.0416	0.00203	17.9	0.0294	8.95	0.00063	0.00063	0.00000504	0.00297	0.000342	0.0103	0.00804	0.00000505	7.49	0.00000664	0.0000905	0.0000936	0.000836	0.0145	0.00000146	1.06	1.41	0.00663	0.000155	7.14	0.0013	0.00562	0.0000359	0.0000578	0.0000555	0.0438	0.00000201	0.000071	0.000105	0.000863	1.19E-23
Active Closure (2037-2043): Mean	341	0.04	0.121	0.00425	48.9	0.0371	21.3	0.000964	0.000964	0.00000511	0.00344	0.00067	0.0241	0.00923	0.00000514	9.17	0.00000964	0.000157	0.000122	0.001	0.0169	0.00000303	1.48	2.12	0.014	0.000346	16.3	0.00308	0.00787	0.0000581	0.000129	0.0000875	0.0754	0.00000202	0.000194	0.000173	0.000937	6.97E-22
Active Closure (2037-2043): Max	2980	0.35	1.09	0.0314	430	0.136	172	0.000992	0.000992	0.00000584	0.00973	0.00503	0.194	0.0271	0.00000614	31.1	0.0000464	0.000936	0.000507	0.00299	0.0571	0.0000229	6.55	10.4	0.109	0.00275	129	0.0248	0.0396	0.000281	0.000987	0.000468	0.448	0.00000216	0.0017	0.00111	0.00194	1.2E-20
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2043)																																					
2026 Jan																																					
2026 Feb																																					
2026 Mar																																					
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2028 Feb																																					
2028 Mar																																					
2028 Apr																																					
2028 May												0.0572																										
2028 Jun												0.451																										
2028 Jul												0.507																										
2028 Aug												0.561																										
2028 Sep												0.615																										
2028 Oct												0.642																										
2028 Nov												0.642																										
2028 Dec												0.642																										
2029 Jan												0.642																										
2029 Feb												0.642																										
2029 Mar												0.642																										
2029 Apr												0.642																										
2029 May												0.655																										
2029 Jun												1.08																										
2029 Jul												1.15																										
2029 Aug												1.2																										
2029 Sep												1.26																										
2029 Oct												1.28																										
2029 Nov												1.28																										
2029 Dec												1.28																										
2030 Jan	737	0.00962	0.0154	0.00149	500	0.0151	43.9	0.00149	0.00149	0.0000368	0.0148	1.07	0.221	0.148	0.000735	1.02	0.00000564	0.00148	0.000756	0.000328	0.0401	0.00000165	7.14	2.01	0.011	0.00735	229	0.00372	0.00271	0.000164	0.00133	0.000149	0.636	0.0000735	0.000737	0.0147	0.000174	0.00437
2030 Feb	1720	0.0214	0.0356	0.00346	1170	0.0349	102	0.00346	0.00346	0.0000859	0.0345	0.808	0.514	0.345	0.00171	1.94	0.000013	0.00345	0.00175	0.000749	0.0921	0.00000376	16.6	4.63	0.024	0.0171	533	0.00866	0.00578	0.000375	0.00309	0.000347	1.48	0.0000171	0.00172	0.0343	0.000395	0.0102
2030 Mar	2310	0.0279	0.0475	0.00465	1570	0.0468	137	0.00465	0.00465	0.000115	0.0463	0.655	0.692	0.464	0.0023	2.17	0.0000173	0.00464	0.00235	0.000993	0.122	0.00000498	22.3	6.16	0.0307	0.0231	717	0.0116	0.00724	0.000497	0.00416	0.000466	1.99	0.0000231	0.00231	0.0462	0.000519	0.0137
2030 Apr	2730	0.032	0.0559	0.00548	1850	0.0552	162	0.00548	0.00548	0.000136	0.0547	0.55	0.817	0.547	0.00272	2.17	0.0000204	0.00547	0.00277	0.00116	0.143	0.00000582	26.4	7.22	0.0349	0.0272	847	0.0137	0.00807	0.000581	0.00491	0.00055	2.35	0.0000272	0.00273	0.0545	0.000603	0.0162
2030 May	3050	0.0349	0.0622	0.00612	2070	0.0615	181	0.00612	0.00612	0.000152	0.061	0.548	0.912	0.611	0.00304	2.06	0.0000226	0.00611	0.00308	0.00128	0.159	0.00000644	29.4	8.01	0.0377	0.0304	945	0.0153	0.00859	0.000643	0.00548	0.000613	2.62	0.0000304	0.00304	0.0609	0.000665	0.0181
2030 Jun	2740	0.253	0.945	0.0287	1070	0.0917	159	0.00257	0.00257	0.0000563	0.027	0.188	0.425	0.221	0.00105	14.9	0.0000392	0.00265	0.00128	0.00206	0.0774	0.0000163	13.8	8.54	0.0668	0.0119	434	0.0195	0.0243	0.000278	0.00255	0.000482	1.15	0.000106	0.002	0.0216	0.00185	0.00623
2030 Jul	5170	0.682	2.63	0.0756	1290	0.19	297	0.0011	0.0011	0.0000254	0.0171	0.0287	0.421	0.0966	0.000394	31	0.0000686	0.00214	0.000912	0.00419	0.0439	0.0000309	13.4	16.3	0.143	0.00777	427	0.0414	0.0169	0.000141	0.00233	0.000806	0.995	0.0000409	0.00306	0.0091	0.00252	0.0023
2030 Aug	6500	0.815	3.14	0.0905	1770	0.23	375	0.00178	0.00178	0.0000468	0.0256	0.0327	0.606	0.184	0.000825	34.7	0.0000777	0.00321	0.00142	0.00499	0.0591	0.000035	19.2	20.1	0.169	0.0128	619	0.0508	0.00935	0.000207	0.00335	0.00102	1.48	0.0000838	0.00399	0.0178	0.0025	0.00486
2030 Sep	6740	0.8	3.07	0.089	2000	0.23	389	0.00249	0.00249	0.0000656	0.0328	0.0451	0.713	0.26	0.00121	33.2	0.0000785	0.00394	0.00178	0.00499	0.0755	0.0000344	22.6	20.5	0.169	0.0165	729	0.0515	0.00771	0.000277	0.00399	0.00107	1.79	0.000122	0.00429	0.0255	0.00245	0.00715
2030 Oct	6510	0.815	3.1	0.0895	1810	0.228	375	0.00191	0.00191	0.0000505	0.0273	0.0246	0.625	0.199	0.000902	34.4	0.0000783	0.00335	0.00149	0.00497	0.0626	0.0000345	19.8	20.1	0.168	0.0136	638	0.0506	0.0102	0.000215	0.00346	0.00102	1.54	0.0000915	0.00403	0.0194	0.00245	0.00532
2030 Nov	5570	0.694	2.58	0.0747	1610	0.199	322	0.00204	0.00204	0.0000506	0.027	0.0155	0.568	0.2	0.00091	30.7	0.0000682	0.00313	0.00141	0.00432	0.0664	0.0000303	18.2	17.3	0.142	0.0129	580	0.0429	0.0167	0.000213	0.00317	0.000887	1.42	0.0000923	0.00351	0.0193	0.00222	0.00537
2030 Dec	5380	0.626	2.31	0.0675	1720	0.187	311	0.00266	0.00266	0.0000656	0.0325	0.0159	0.63	0.26	0.00122	27.9	0.0000642	0.00361	0.00167	0.00405	0.0808	0.0000282	20.1	16.5	0.131	0.0156	644	0.0404	0.0172	0.000272	0.00356	0.000874	1.62	0.0000123	0.00355	0.0254	0.00209	0.00721
2031 Jan	5320	0.578	2.12	0.0626	1840	0.179	309	0.0032	0.0032	0.000079	0.0373	0.0165	0.69	0.314	0.00149	25.8	0.0000616	0.00406	0.00191	0.00387	0.0937	0.0000266	22.3	16.2	0.125	0.0181	713	0.0389	0.0171	0.000328	0.00394	0.000877	1.82	0.00015	0.00362	0.0308	0.002	0.00894
2031 Feb	5310	0.541	1.98	0.0588	1960	0.173	309	0.00365	0.00365	0.0000901	0.0414	0.017	0.741	0.358	0.00172	24.2	0.0000597	0.00444	0.00211	0.00374	0.105	0.0000254	24.2	16	0.12	0.0201	776	0.0378	0.0168	0.000375	0.00426	0.000882	2.01	0.0000173	0.0037	0.0353	0.00193	0.0105
2031 Mar	5310	0.509	1.86	0.0556	2060	0.168	309	0.00403	0.00403	0.0000998	0.0449	0.0175	0.786	0.398	0.00192	22.8	0.0000582	0.00478	0.00229	0.00362	0.114	0.0000244	26	15.8	0.116	0.0219	832	0.0369	0.0165	0.000416	0.00454	0.000887	2.17	0.0000193	0.00377	0.0392	0.00187	0.0118
2031 Apr	5320	0.481	1.75	0.0528	2160	0.164	310	0.00439	0.00439	0.000109	0.0482	0.0313	0.829	0.434	0.0021	21.5	0.0000568	0.00509	0.00246	0.00353	0.122	0.0000236	27.6	15.7	0.112	0.0236	884	0.0361	0.0163	0.000453	0.00481	0.000893	2.33	0.0000211	0.00384	0.0429	0.00182	0.0131
2031 May	5220	0.468	1.7	0.0513	2140	0.16	304	0.00439	0.00439	0.000108	0.0479	0.0722	0.819	0.432	0.00209	22	0.0000561	0.00505	0.00246	0.00347	0.125	0.0000232	27.4	15.6	0.114	0.0234	878	0.0353	0.0173	0.000489	0.00476	0.000881	2.32	0.00021	0.00378	0.0426	0.00183	0.0131
2031 Jun	3390	0.405	1.44	0.0422	1090	0.121	197	0.00201	0.00201	0.0000419	0.0223	0.0277	0.389	0.174	0.000743	29.9	0.0000486	0.00238	0.00127	0.00295	0.0942	0.0000213	13.6	12.1	0.125	0.00957	411	0.0256	0.0317	0.000549	0.00229	0.00059	1.1	0.0000756	0.00221	0.016	0.00209	0.00465
2031 Jul	4840	0.558	2.08	0.0606	1540	0.165	281	0.00238	0.00238	0.0000555	0.0282	0.0373	0.541	0.225	0.00101	31.2	0.0000611	0.00316	0.00156	0.00379	0.092	0.0000267	18.5	15.7	0.143	0.0131	579	0.0362	0.0231	0.000464	0.00311	0.000796	1.49	0.0000102	0.00311	0.0214	0.00227	0.00646
2031 Aug	6830	0.884	3.41	0.0977	1770	0.242	393	0.00131	0.00131	0.0000361	0.0218	0.0255	0.571	0.141	0.000604	37.7	0.0000824	0.00291	0.00125	0.00528	0.0491	0.0000371	18.6	21.2	0.182	0.011	600	0.0537	0.00831	0.000176	0.00312	0.00105	1.41	0.0000619	0.00404	0.0135	0.00262	0.0039
2031 Sep	5300	0.732	2.71	0.0778	1310	0.201	305	0.001	0.001	0.0000223	0.0167	0.016	0.416	0.0887	0.000345	33.6	0.0000684	0.00209	0.000884	0.00438	0.0424	0.0000315	13.6	16.9	0.145	0.00754	432	0.0423	0.0201	0.000104	0.00224	0.000817	1.01	0.0000036	0.0031	0.00807	0.0023	0.00221
2031 Oct	3740	0.536	1.86	0.0536	968	0.152	216	0.00117	0.00117	0.0000219	0.0159	0.00789	0.316	0.0845	0.000331	27.7	0.0000521	0.00167	0.000737	0.00333	0.0478	0.0000247	10.6	12.4	0.103	0.00626	328	0.0297	0.0312	0.0000949	0.0017	0.000589	0.8	0.0000346	0.00224	0.00745	0.00192	0.00212
2031 Nov	3440	0.453	1.52	0.0445	1050	0.136	200	0.00177	0.00177	0.0000036	0.021	0.00783	0.365	0.141	0.000622	24.4	0.0000467	0.00209	0.000967	0.00297	0.0619	0.000022	12.5	11.3	0.0882	0.00869	389	0.0261	0.0328	0.00015	0.00202	0.000555	0.993	0.0000636	0.00219	0.0131	0.00176	0.00403
2031 Dec	3510	0.419	1.39	0.0413	1220	0.132	205	0.00232	0.00232	0.0000501	0.0261	0.00887	0.435	0.198	0.00091	22.5	0.0000453	0.00259	0.00123	0.00286	0.0745	0.0000209	15.1	11.3	0.084	0.0114	471	0.0255	0.0317	0.000206	0.00246	0.000575	1.23	0.0000923	0.00234	0.0188	0.00169	0.00591
2032 Jan	3620	0.393	1.3	0.0389	1370	0.129	211	0.0028	0.0028	0.0000626	0.0308	0.00986	0.501	0.248	0.00117	21.1	0.0000445	0.00305	0.00147	0.00279	0.0861	0.0000201	17.4	11.4	0.0817	0.0138	548	0.0253	0.0305	0.000258	0.00287	0.000598	1.45	0.000118	0.00249	0.0239	0.00165	0.0076
2032 Feb	3710	0.371	1.22	0.0371	1500	0.127	217	0.00322	0.00322	0.0000734	0.0347	0.0107	0.557	0.292	0.00139	20.1	0.0000439	0.00345	0.00167	0.00274	0.0961	0.0000195	19.5	11.5	0.0894	0.0158	614	0.0252	0.0295	0.000304	0.00321	0.00062	1.63	0.00014	0.00263	0.0283	0.00161	0.00904
2032 Mar	3800	0.353	1.16	0.0355	1620	0.125	223	0.00359	0.00359	0.0000883	0.0383	0.0115	0.608	0.33	0.00158	19	0.0000434	0.00381	0.00185	0.0027	0.105	0.0000189	21.3	11.7	0.079	0.0177	673	0.0251	0.0285	0.000344	0.00353	0.00064	1.8	0.000159	0.00275	0.0322	0.00157	0.0103
2032 Apr	3890	0.337	1.1	0.0341	1730	0.124	228	0.00393	0.00393	0.0000918	0.0415	0.0122	0.655	0.366	0.00176	18.1	0.000043	0.00413	0.00202	0.00266	0.113	0.0000185	22.9	11.8	0.0777	0.0194	727	0.0251	0.0276	0.00038	0.00381	0.000659	1.95	0.000177	0.00287	0.0358	0.00154	0.0115
2032 May	4010	0.33	1.08	0.0337	1840	0.124	235	0.00421	0.00421	0.0000992	0.0443	0.0422	0.697	0.395	0.00191	17.5	0.0000432	0.00442	0.00217	0.00267	0.119	0.0000183	24.4	12	0.0779	0.0209	776	0.0255	0.0267	0.000411	0.00407	0.000682	2.09	0.000192	0.003	0.0388	0.00153	0.0125
2032 Jun	2950	0.322	1.16	0.0346	1020	0.106	171	0.00212	0.00212	0.0000431	0.0229	0.0278	0.367	0.167	0.000771	18.8	0.0000437	0.00222	0.00105	0.00238	0.0686	0.0000191	12.8	9.47	0.0752	0.00946	397	0.0215	0.0303	0.00022	0.00217	0.00049	1.04	0.0000784	0.00196	0.0161	0.00204	0.005
2032 Jul	3820	0.494	1.88	0.0544	1000	0.143	220	0.00123	0.00123	0.0000238	0.016	0.0156	0.329	0.0894	0.000369	25	0.0000557	0.00175	0.000765	0.0032	0.0471	0.0000249	11	12.3	0.107	0.00644	343	0.0302	0.0249	0.000144	0.00188	0.000604	0.829	0.0000383	0.00228	0.00834	0.00237	0.00237
2032 Aug	5170	0.684	2.6	0.0746	1310	0.194	298	0.00115	0.00115	0.0000264	0.0171	0.0182	0.425	0.102	0.000415	32	0.0000637	0.00217	0.000925	0.00419	0.0429	0.0000306	14	16.4	0.14	0.00803	442	0.0409	0.0165	0.000118	0.0023	0.000804	1.04	0.0000043	0.00305	0.00939	0.00227	0.00267
2032 Sep	6090	0.743	2.82	0.0815	1760	0.213	351	0.00199	0.00199	0.0000505	0.0268	0.0346	0.594	0.199	0.000904	32.4	0.0000718	0.00323	0.00144	0.0046	0.0635	0.0000323	19.8	18.8	0.154	0.0132	634	0.0464	0.0124	0.000213	0.0033	0.000952	1.55	0.0000917	0.00375	0.0193	0.00234	0.00587
2032 Oct	6290	0.709	2.68	0.0782	2030	0.209	364	0.00279	0.00279	0.0000713	0.0348	0.0329	0.705	0.283	0.00133	30.1	0.0000716	0.004	0.00184	0.00453	0.0827	0.0000312	23.7	19.1	0.15	0.0172	763	0.0464	0.0112	0.000296	0.00398	0.000995	1.92	0.000134	0.00403	0.0278	0.00226	0.00866

Appendix D.2-13: WEN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	737	0.00962	0.0154	0.00149	376	0.0151	43.9	0.000147	0.000147	0.0000056	0.00859	0.00352	0.146	0.0188	0.00000583	1.02	0.00000564	0.000784	0.000334	0.000328	0.0216	0.00000165	5.25	2.01	0.011	0.00192	113	0.00372	0.00271	0.0000276	0.000784	0.000149	0.364	0.00000211	0.000737	0.000736	0.000174	1.22E-20
Operation (2026-2036): Mean	4130	0.476	1.69	0.0494	1170	0.153	239	0.00184	0.00184	0.0000411	0.0226	0.0633	0.433	0.162	0.000725	26.5	0.0000537	0.00245	0.00114	0.00338	0.0653	0.0000244	14.4	13.3	0.111	0.0101	431	0.0316	0.0249	0.000216	0.00243	0.000668	1.14	0.0000738	0.00262	0.0154	0.00195	0.00447
Operation (2026-2036): Max	6860	0.884	3.41	0.0977	2160	0.257	393	0.00612	0.00612	0.000152	0.061	1.07	0.912	0.611	0.00304	42	0.0000876	0.00611	0.00308	0.00563	0.159	0.00004	29.4	21.7	0.194	0.0304	945	0.0563	0.0417	0.000643	0.00548	0.00107	2.62	0.000304	0.00429	0.0609	0.00284	0.0181
2032 Nov	5470	0.575	2.11	0.0624	1950	0.179	317	0.00326	0.00326	0.0000804	0.0378	0.0241	0.697	0.319	0.00152	25.5	0.0000614	0.00411	0.00193	0.00386	0.0944	0.0000266	23.8	16.5	0.124	0.0183	762	0.0389	0.0168	0.00033	0.00398	0.00088	1.96	0.000153	0.00364	0.0313	0.002	0.00991
2032 Dec	4550	0.48	1.69	0.0503	1670	0.154	265	0.00308	0.00308	0.0000729	0.0348	0.0176	0.606	0.289	0.00137	23.1	0.0000528	0.00363	0.00172	0.00331	0.0912	0.0000232	20.9	13.9	0.102	0.0163	663	0.032	0.0235	0.000298	0.00347	0.000741	1.73	0.000138	0.00308	0.0282	0.00181	0.00894
2033 Jan	4480	0.436	1.52	0.0458	1780	0.146	262	0.00359	0.00359	0.0000853	0.0393	0.0177	0.662	0.34	0.00163	21.4	0.0000505	0.00406	0.00195	0.00315	0.104	0.0000218	22.7	13.6	0.0969	0.0186	724	0.0306	0.0234	0.000355	0.00382	0.000744	1.91	0.000164	0.00316	0.0332	0.00173	0.0105
2033 Feb	4480	0.405	1.4	0.0428	1880	0.142	262	0.00401	0.00401	0.0000962	0.0433	0.0181	0.715	0.384	0.00185	20.2	0.0000491	0.00444	0.00216	0.00306	0.115	0.0000209	24.4	13.5	0.0947	0.0206	775	0.0299	0.0229	0.000406	0.00415	0.000756	2.06	0.000186	0.00326	0.0376	0.00168	0.0117
2033 Mar	4490	0.381	1.31	0.0405	1970	0.138	263	0.00439	0.00439	0.000106	0.0468	0.0185	0.762	0.422	0.00205	19.1	0.0000481	0.00479	0.00234	0.00298	0.124	0.0000201	25.8	13.4	0.0924	0.0225	822	0.0295	0.0223	0.000448	0.00445	0.000769	2.2	0.000206	0.00335	0.0415	0.00164	0.0129
2033 Apr	4520	0.36	1.23	0.0385	2060	0.136	265	0.00474	0.00474	0.000115	0.0501	0.0189	0.808	0.458	0.00223	18.1	0.0000474	0.00511	0.00251	0.00292	0.133	0.0000195	27.2	13.4	0.0902	0.0242	867	0.0292	0.0217	0.000485	0.00473	0.000782	2.33	0.000224	0.00345	0.0452	0.0016	0.0139
2033 May	3610	0.322	1.08	0.0331	1560	0.114	211	0.00367	0.00367	0.0000845	0.0383	0.0326	0.607	0.343	0.00162	23.3	0.0000435	0.0039	0.00201	0.00268	0.126	0.0000183	20.7	11.8	0.103	0.0178	647	0.0242	0.0295	0.0006	0.00359	0.000648	1.77	0.000163	0.0027	0.0331	0.00173	0.01
2033 Jun	3180	0.412	1.47	0.0427	918	0.118	185	0.00154	0.00154	0.0000297	0.0176	0.0195	0.318	0.125	0.000494	30.8	0.0000483	0.00191	0.00104	0.00293	0.0842	0.0000214	11.1	11.6	0.126	0.00713	330	0.0249	0.0328	0.000513	0.00187	0.000552	0.875	0.0000508	0.00199	0.011	0.00213	0.00302
2033 Jul	4490	0.576	2.14	0.062	1240	0.162	260	0.00159	0.00159	0.0000349	0.0203	0.0236	0.424	0.143	0.000592	33.1	0.000061	0.00238	0.00117	0.00377	0.0753	0.0000271	14.1	15.1	0.146	0.00906	436	0.0353	0.0247	0.000409	0.00241	0.000737	1.09	0.0000606	0.00277	0.0131	0.00234	0.00356
2033 Aug	6590	0.807	3.1	0.0894	1870	0.228	380	0.0021	0.0021	0.0000551	0.0289	0.038	0.652	0.219	0.000994	35.2	0.000079	0.00354	0.00161	0.005	0.071	0.0000347	20.8	20.4	0.174	0.0144	667	0.051	0.00993	0.000289	0.00364	0.00105	1.62	0.000101	0.00411	0.0213	0.00253	0.00589
2033 Sep	5060	0.706	2.59	0.0744	1240	0.194	291	0.00103	0.00103	0.0000231	0.0167	0.016	0.404	0.0892	0.000348	32.8	0.0000663	0.00204	0.00087	0.00424	0.0436	0.0000306	13	16.2	0.139	0.00741	409	0.0406	0.0218	0.000104	0.00217	0.000786	0.956	0.0000363	0.00299	0.00809	0.00225	0.00203
2033 Oct	3570	0.547	1.89	0.0543	820	0.152	206	0.00078	0.00078	0.0000117	0.0121	0.00524	0.259	0.0438	0.000124	28.5	0.0000518	0.00128	0.00054	0.00333	0.0389	0.0000249	8.5	12	0.103	0.00426	258	0.0292	0.0325	0.0000544	0.00135	0.000559	0.606	0.0000139	0.00207	0.00333	0.00193	0.0007
2033 Nov	3290	0.491	1.66	0.048	824	0.141	190	0.00108	0.00108	0.0000184	0.0145	0.0053	0.274	0.0707	0.000263	26.5	0.0000479	0.00145	0.00063	0.00307	0.0462	0.0000231	9.04	11.1	0.0924	0.00533	275	0.0265	0.0341	0.0000802	0.00146	0.000524	0.669	0.0000277	0.00198	0.00601	0.00183	0.00153
2033 Dec	3320	0.475	1.6	0.0465	896	0.139	192	0.00135	0.00135	0.0000253	0.017	0.00586	0.309	0.0984	0.000404	25.6	0.0000474	0.0017	0.000767	0.00303	0.0523	0.0000226	10.2	11.1	0.0906	0.00664	311	0.0263	0.0336	0.000108	0.00168	0.000535	0.775	0.0000418	0.00206	0.0088	0.0018	0.00237
2034 Jan	3330	0.468	1.57	0.0458	933	0.138	193	0.00149	0.00149	0.0000288	0.0183	0.00615	0.327	0.112	0.000475	25.2	0.0000471	0.00182	0.000833	0.00301	0.0555	0.0000224	10.7	11.1	0.0899	0.0073	330	0.0262	0.0333	0.000122	0.00179	0.000541	0.828	0.0000489	0.0021	0.0102	0.00178	0.00279
2034 Feb	3330	0.467	1.57	0.0457	931	0.138	193	0.00149	0.00149	0.0000287	0.0182	0.00614	0.326	0.112	0.000474	25.3	0.0000471	0.00182	0.000833	0.003	0.0558	0.0000224	10.7	11.1	0.0901	0.00729	329	0.0261	0.0333	0.000123	0.00179	0.00054	0.827	0.0000488	0.00209	0.0102	0.00178	0.00278
2034 Mar	3330	0.467	1.57	0.0457	931	0.137	193	0.00149	0.00149	0.0000287	0.0182	0.00614	0.326	0.112	0.000473	25.3	0.000047	0.00182	0.000834	0.003	0.0559	0.0000223	10.7	11.1	0.0902	0.00728	329	0.0261	0.0334	0.000124	0.00179	0.00054	0.827	0.0000487	0.00209	0.0102	0.00178	0.00278
2034 Apr	3330	0.467	1.57	0.0457	931	0.137	193	0.00149	0.00149	0.0000287	0.0182	0.00614	0.326	0.112	0.000473	25.4	0.000047	0.00182	0.000835	0.003	0.0561	0.0000224	10.7	11.1	0.0904	0.00729	329	0.0261	0.0334	0.000125	0.00179	0.00054	0.827	0.0000488	0.00209	0.0102	0.00178	0.00278
2034 May	3220	0.453	1.52	0.0442	884	0.133	187	0.00142	0.00142	0.0000267	0.0174	0.0293	0.309	0.106	0.000433	26.5	0.0000466	0.00174	0.000825	0.00297	0.0595	0.0000221	10.3	11	0.095	0.00681	311	0.0254	0.0345	0.00018	0.00171	0.000528	0.791	0.0000447	0.00201	0.00943	0.00182	0.00254
2034 Jun	2580	0.365	1.22	0.0353	594	0.108	150	0.001	0.001	0.0000138	0.0117	0.0168	0.206	0.0631	0.000172	32.1	0.0000438	0.00122	0.000727	0.00273	0.0754	0.0000203	7.45	10.3	0.12	0.00378	196	0.0212	0.0391	0.000479	0.00119	0.000454	0.559	0.0000187	0.00153	0.00455	0.00202	0.000987
2034 Jul	3520	0.469	1.68	0.0481	739	0.142	203	0.000824	0.000824	0.000012	0.0114	0.022	0.254	0.0525	0.000128	33.9	0.000053	0.00135	0.000708	0.00338	0.0629	0.0000249	8.74	12.7	0.134	0.00409	235	0.029	0.0332	0.000369	0.00141	0.00058	0.634	0.0000143	0.00203	0.00375	0.00222	0.000721
2034 Aug	5480	0.694	2.62	0.0749	1060	0.21	315	0.000469	0.000469	0.00000949	0.0115	0.0419	0.362	0.0376	0.000063	39	0.000073	0.00169	0.00073	0.00472	0.0412	0.0000341	11.7	18.1	0.171	0.00502	324	0.045	0.0203	0.000199	0.00193	0.000849	0.819	0.0000794	0.00309	0.0027	0.0026	0.000331
2034 Sep	4420	0.593	2.12	0.0605	830	0.181	254	0.000464	0.000464	0.00000647	0.0104	0.0168	0.284	0.0228	0.0000106	32.9	0.0000617	0.0013	0.000519	0.00397	0.0318	0.0000293	9.22	14.6	0.129	0.00384	249	0.0365	0.0273	0.0000459	0.00147	0.000678	0.633	0.00000264	0.00249	0.00129	0.00219	0.0000227
2034 Oct	2710	0.406	1.29	0.0372	509	0.128	157	0.000667	0.000667	0.00000577	0.00966	0.00406	0.177	0.02	0.00000605	26.1	0.0000435	0.000866	0.000362	0.00281	0.0372	0.0000217	6.03	9.6	0.0816	0.00255	153	0.0226	0.0391	0.0000287	0.000896	0.000428	0.412	0.00000215	0.00155	0.000808	0.00176	2.75E-09
2034 Nov	2430	0.375	1.16	0.0334	457	0.119	141	0.000702	0.000702	0.00000569	0.00954	0.00357	0.16	0.0197	0.00000594	25.1	0.0000405	0.000796	0.000337	0.00261	0.0382	0.0000205	5.52	8.79	0.074	0.00234	137	0.0203	0.0411	0.0000277	0.000804	0.000387	0.377	0.00000214	0.00139	0.000744	0.00169	1.91E-09
2034 Dec	2390	0.371	1.14	0.0329	450	0.118	139	0.000707	0.000707	0.00000568	0.00952	0.00353	0.158	0.0197	0.00000593	24.9	0.0000401	0.000787	0.000334	0.00259	0.0384	0.0000203	5.45	8.68	0.0731	0.00232	135	0.0201	0.0413	0.0000276	0.000792	0.000382	0.372	0.00000214	0.00137	0.000736	0.00168	1.88E-09
2035 Jan	2380	0.37	1.13	0.0327	447	0.118	138	0.000709	0.000709	0.00000568	0.00951	0.00352	0.157	0.0198	0.00000592	25	0.00004	0.000784	0.000336	0.00258	0.0388	0.0000203	5.43	8.65	0.0731	0.00231	134	0.0199	0.0414	0.0000297	0.000787	0.00038	0.371	0.00000213	0.00137	0.000737	0.00168	1.87E-09
2035 Feb	2370	0.369	1.13	0.0326	446	0.117	138	0.00071	0.00071	0.00000568	0.0095	0.00352	0.156	0.02	0.00000592	25.1	0.0000399	0.000784	0.000339	0.00258	0.0393	0.0000202	5.42	8.65	0.0736	0.0023	134	0.0199	0.0415	0.000033	0.000785	0.000379	0.371	0.00000213	0.00136	0.000742	0.00168	1.86E-09
2035 Mar	2370	0.368	1.12	0.0325	445	0.117	137	0.000711	0.000711	0.00000568	0.00949	0.00352	0.156	0.0201	0.00000592	25.2	0.0000398	0.000784	0.000341	0.00258	0.0396	0.0000202	5.42	8.65	0.0739	0.00229	134	0.0198	0.0416	0.0000351	0.000784	0.000378	0.371	0.00000213	0.00136	0.000745	0.00168	1.86E-09
2035 Apr	2370	0.368	1.12	0.0325	445	0.117	137	0.000712	0.000712	0.00000568	0.0095	0.00352	0.156	0.0202	0.00000592	25.2	0.0000399	0.000784	0.000342	0.00258	0.0399	0.0000202	5.42	8.66	0.0742	0.00229	134	0.0198	0.0417	0.0000367	0.000784	0.000378	0.371	0.00000214	0.00136	0.000748	0.00168	1.86E-09
2035 May	2490	0.379	1.17	0.0338	463	0.121	144	0.000702	0.000702	0.00000574	0.00957	0.0329	0.163	0.0208	0.000006	26.1	0.0000413	0.00082	0.000362	0.00267	0.0408	0.0000208	5.67	9.07	0.0791	0.00238	139	0.0208	0.0412	0.0000511	0.000828	0.000398	0.389	0.00000215	0.00143	0.000794	0.00173	1.79E-09
2035 Jun	2230	0.275	0.953	0.0276	376	0.0975	129	0.00072	0.00072	0.0000056	0.00859	0.0168	0.146	0.0224	0.00000583	25.7	0.0000425	0.000798	0.00042	0.00238	0.0515	0.0000195	5.25	8.54	0.0925	0.00192	113	0.0189	0.0372	0.000262	0.000864	0.000378	0.364	0.00000211	0.00127	0.00105	0.00217	3.11E-10
2035 Jul	3190	0.37	1.35	0.0388	529	0.131	183	0.000641	0.000641	0.00000608	0.00939	0.0224	0.206	0.0226	0.0000064	28.8	0.0000527	0.00103	0.000477	0.00305	0.0457	0.0000241	7	11.2	0.113	0.00267	159	0.0266	0.0327	0.000211	0.00117	0.000513	0.481	0.00000225	0.0018	0.00121	0.00241	2.25E-10
2035 Aug	6760	0.738	2.84	0.0808	1110	0.253	388	0.000172	0.000172	0.00000701	0.0112	0.0232	0.429	0.0244	0.00000771	41.8	0.0000867	0.00189	0.000723	0.00555	0.0231	0.0000397	13.5	21.5	0.194	0.00551	332	0.0556	0.00986	0.000069	0.00225	0.00102	0.928	0.00000241	0.00377	0.00177	0.00284	3.14E-11
2035 Sep	4190	0.501	1.76	0.0503	687	0.174	242	0.0000483	0.0000483	0.00000621	0.0101	0.0138	0.27	0.0214	0.00000665	31.8	0.0000588	0.00124	0.00049	0.00381	0.0311	0.0000283	8.77	13.9	0.122	0.00364	206	0.0347	0.028	0.0000341	0.00138	0.000645	0.601	0.00000224	0.00236	0.00114	0.00213	1.98E-13
2035 Oct	5490	0.627	2.3	0.0657	899	0.214	316	0.000314	0.000314	0.00000656	0.0108	0.0129	0.35	0.0228	0.00000713	36.8	0.0000732	0.00156	0.000603	0.0047	0.0267	0.0000339	11.2	17.7	0.157	0.00461	270	0.0452	0.0196	0.0000388	0.00181	0.000833	0.765	0.00000223	0.00308	0.00145	0.00244	2.23E-15
2035 Nov	4760	0.558	1.99	0.057	780	0.191	274	0.0000403	0.0000403	0.00000633	0.0105	0.00766	0.305	0.022	0.00000683	33.9	0.0000553	0.00138	0.00054	0.0042	0.0292	0.0000307	9.81	15.6	0.137	0.00407	234	0.0393	0.0245	0.000036	0.00157	0.000727	0.672	0.00000226	0.00268	0.00128	0.00226	8.65E-16
2035 Dec	4540	0.537	1.9	0.0544	744	0.185	261	0.000431	0.000431	0.00000627	0.0104	0.00735	0.291	0.0218	0.00000674	33.1	0.000063	0.00132	0.00052	0.00405	0.0301	0.0000297	9.4	15	0.131	0.0039	223	0.0375	0.026	0.0000352	0.0015	0.000694	0.644	0.00000224	0.00255	0.00123	0.0022	8.24E-16
2036 Jan	4490	0.533	1.88	0.0538	736	0.183	259	0.000437	0.000437	0.00000626	0.0104	0.00729	0.288	0.0219	0.00000672	33	0.0000625	0.00131	0.00052	0.00402	0.0308	0.0000295	9.32	14.8	0.131	0.00387	221	0.0371	0.0264	0.0000386	0.00148	0.000688	0.639	0.00000224	0.00253	0.00122	0.00219	8.16E-16
2036 Feb	4470	0.53	1.87	0.0535	733	0.182	257	0.00044	0.00044	0.00000625	0.0103	0.00727	0.287	0.0222	0.00000671	33.2	0.0000623	0.00131	0.000524	0.00401	0.0316	0.0000294	9.29	14.8	0.131	0.00385	220	0.0369	0.0267	0.0000434	0.00148	0.000685	0.638	0.00000224	0.00252	0.00123	0.00219	8.11E-16
2036 Mar	4460	0.529	1.87	0.0534	730	0.182	257	0.000442	0.000442	0.00000625	0.0103	0.00725	0.286	0.0224	0.00000671	33.3	0.0000621	0.00131	0.000526	0.004	0.0322	0.0000294	9.27	14.8	0.131	0.00384	219	0.0368	0.0268	0.0000465	0.00147	0.000683	0.636	0.00000224	0.00251	0.00123	0.00219	8.08E-16
2036 Apr	4480	0.53	1.87	0.0535	732	0.182	258	0.000441	0.000441	0.00000626	0.0103	0.0245	0.287	0.0225	0.00000672	33.5	0.0000624	0.00131	0.000531	0.00402	0.0325	0.0000295	9.31	14.9	0.132	0.00385	220	0.037	0.0268	0.0000488	0.00148	0.000686	0.64	0.00000224	0.00252	0.00124	0.00219	8.02E-16
2036 May	4570	0.537	1.9	0.0543	744	0.185	263	0.000435	0.000435	0.00000631	0.0104	0.0698	0.293	0.0228	0.00000679	33.9	0.0000634	0.00134	0.00054	0.00408	0.0326	0.0000299	9.48	15.1	0.135	0.00392	223	0.0377	0.0265	0.0000509	0.00151	0.000699	0.652	0.00000226	0.00257	0.00126	0.00222	7.89E-16
2036 Jun	3470	0.367	1.35	0.0388	528	0.141	200	0.000566	0.000566	0.00000597	0.00949	0.0285	0.224	0.0188	0.00000633	26.9	0.0000548	0.00106	0.000427	0.00317	0.0334	0.0000251	7.36	11.6	0.107	0.00292	159	0.0289	0.0285	0.0000814	0.00124	0.000542	0.502	0.00000219	0.00196	0.00113	0.00236	2.68E-16
2036 Jul	4450	0.434	1.66	0.0474	646	0.175	256	0.000468	0.000468	0.00000638	0.00979	0.0242	0.285	0.0201	0.00000684	30.9	0.0000634	0.0013	0.000507	0.00389	0.0305	0.0000296	9.18	14.5	0.132	0.00367	194	0.0368	0.0229	0.0000756	0.00154	0.000685	0.627	0.00000229	0.0025	0.00129	0.00251	8.09E-17
2036 Aug	6110	0.584	2.25	0.0641	876	0.232	351	0.000267	0.000267	0.00000689	0.0107	0.0418	0.389	0.023	0.00000753	38.4	0.0000794	0.00171	0.000655	0.0051	0.0251	0.0000037	12.3	19.5	0.175	0.00499	263	0.0503	0.0138	0.0000612	0.00204	0.000926	0.842	0.0000024	0.00341	0.00161	0.00272	2.54E-17
2036 Sep	6860	0.661	2.52	0.0716	980	0.257	393	0.000147	0.000147	0.00000698	0.0114	0.0232	0.435	0.0242	0.00000769	42	0.0000876	0.0019	0.000722	0.00563	0.0216	0.00004	13.7	21.7	0.194	0.00561	294	0.0563	0.0099	0.0000451	0.00226	0.00103	0.939	0.00000239	0.00383	0.00176	0.00279	1.79E-18
2036 Oct	3230	0.37	1.18	0.034	465	0.144	187	0.000601	0.000601	0.00000592	0.00987	0.00738	0.21	0.0205	0.00000625	28.1	0.000049	0.000995	0.000407	0.00316	0.0352	0.000024	6.99	11.1	0.0957	0.00294	140	0.0268	0.0355	0.0000306	0.00107	0.000503	0.478	0.00000218	0.00183	0.000927	0.00189	2.78E-20
2036 Nov	3320	0.377	1.21	0.0349	477	0.147	192	0.000588	0.000588	0.00000594	0.0099	0.0058	0.215	0.0206	0.00000628	28.4	0.00005	0.00102	0.000414	0.00322	0.0348	0.0000244	7.15	11.4	0.0981	0.003	143	0.0276	0.0347	0.0000309	0.0011	0.000516	0.489	0.00000218	0.00188	0.000947	0.00191	1.58E-20
2036 Dec	3040	0.354	1.11	0.032	438	0.138	176	0.000622	0.000622	0.00000585	0.00978	0.0051	0.198	0.0203	0.00000617	27.4	0.0000447	0.000948	0.00039	0.00303	0.0358	0.0000232	6.64	10.6	0.0906	0.0028	132	0.0253	0.0366	0.0000299	0.00101	0.000476	0.454	0.00000217	0.00173	0.000884	0.00184	1.22E-20
2037 Jan	2980	0.35	1.09	0.0314	430	0.136	172	0.00063	0.00063	0.00000584	0.00973	0.00503	0.194	0.0206	0.00000614	27.4	0.0000464	0.000936	0.000392	0.00299	0.037	0.0000229	6.55	10.4	0.0903	0.00275	129	0.0248	0.0371	0.0000359	0.000987	0.000468	0.448	0.00000216	0.0017	0.000883	0.00183	1.2E-20
2037 Feb	2960	0.348	1.08	0.0311	426	0.135	171	0.000633	0.000633	0.00000583	0.0097	0.00501	0.192	0.021	0.00000613	27.7	0.0000461	0.000934	0.000399	0.00298	0.0384	0.0000228	6.52	10.4	0.0913	0.00273	128	0.0246	0.0374	0.0000442	0.00098	0.000465	0.447	0.00000216	0.00168	0.000894	0.00182	1.19E-20
2037 Mar	2940	0.347	1.07	0.031	424	0.134	170	0.000636	0.000636	0.00000583	0.00968	0.005	0.191	0.0213	0.00000613	27.9	0.000046	0.000933	0.000404	0.00298	0.0392	0.0000227	6.5	10.4	0.092	0.00271	127	0.0245	0.0376	0.0000492	0.000976	0.000463	0.446	0.00000216	0.00168	0.000901	0.00182	1.18E-20
2037 Apr	2940	0.346	1.07	0.0309	423	0.134	170	0.000638	0.000638	0.00000583	0.00968	0.00499	0.191	0.0215	0.00000613	28	0.000046	0.000933	0.000407	0.00298	0.0398	0.0000227	6.5	10.4	0.0925	0.00271	127	0.0245	0.0378	0.0000525	0.000974	0.000462	0.446	0.00000216	0.00167	0.000906	0.00182	1.18E-20
2037 May	2680	0.313	0.975	0.0281	374	0.12	155	0.000672	0.000672	0.00000576	0.00913	0.0044	0.173	0.0271	0.00000603	31.1	0.0000446	0.000926	0.000507	0.00285	0.0571	0.0000215	6.23	10.3	0.109	0.00241	113	0.0225	0.0396	0.000281	0.000937	0.000445	0.437	0.00000215	0.00152	0.00111	0.00194	7.75E-21
2037 Jun	1070	0.116	0.389	0.0117	142	0.0603	63	0.000867	0.000867	0.00000529	0.00468	0.00152	0.0698	0.0152	0.00000539	16.1	0.0000204	0.00043	0.000252	0.0016	0.0318	0.00000835	2.96	4.72	0.0484	0.00094	43.9	0.00922	0.0146	0.000187	0.000395	0.000204	0.189	0.00000205	0.000605	0

Appendix D.2-13: WEN01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	737	0.00962	0.0154	0.00149	376	0.0151	43.9	0.000147	0.000147	0.0000056	0.00859	0.00352	0.146	0.0188	0.00000583	1.02	0.00000564	0.000784	0.000334	0.000328	0.0216	0.00000165	5.25	2.01	0.011	0.00192	113	0.00372	0.00271	0.0000276	0.000784	0.000149	0.364	0.00000211	0.000737	0.000736	0.000174	1.22E-20
Operation (2026-2036): Mean	4130	0.476	1.69	0.0494	1170	0.153	239	0.00184	0.00184	0.0000411	0.0226	0.0633	0.433	0.162	0.000725	26.5	0.0000537	0.00245	0.00114	0.00338	0.0653	0.0000244	14.4	13.3	0.111	0.0101	431	0.0316	0.0249	0.000216	0.00243	0.000668	1.14	0.0000738	0.00262	0.0154	0.00195	0.00447
Operation (2026-2036): Max	6860	0.884	3.41	0.0977	2160	0.257	393	0.00612	0.00612	0.000152	0.061	1.07	0.912	0.611	0.00304	42	0.0000876	0.00611	0.00308	0.00563	0.159	0.00004	29.4	21.7	0.194	0.0304	945	0.0563	0.0417	0.000643	0.00548	0.00107	2.62	0.000304	0.00429	0.0609	0.00284	0.0181
2040 May	169	0.0198	0.058	0.00248	24.3	0.0309	11.5	0.000986	0.000986	0.00000506	0.00305	0.00039	0.0132	0.0083	0.00000508	7.84	0.0000072	0.000102	0.000101	0.000867	0.015	0.00000174	1.15	1.56	0.00826	0.000192	9.03	0.00166	0.00594	0.0000527	0.0000728	0.0000622	0.0505	0.00000202	0.0000959	0.000119	0.000877	2.58E-23
2040 Jun	174	0.0205	0.0595	0.00252	24.4	0.0309	11.7	0.0000984	0.0000984	0.00000505	0.00307	0.000401	0.0134	0.00845	0.00000507	7.96	0.00000734	0.000107	0.000103	0.000872	0.0155	0.00000182	1.16	1.58	0.00887	0.000195	9.07	0.0017	0.00622	0.0000573	0.0000754	0.0000632	0.0516	0.00000201	0.0000985	0.000126	0.000883	2.46E-23
2040 Jul	168	0.0198	0.0573	0.00246	23.6	0.0307	11.4	0.0000985	0.0000985	0.00000506	0.00304	0.000393	0.013	0.00837	0.00000507	7.88	0.00000724	0.000107	0.000101	0.000871	0.0155	0.00000177	1.14	1.56	0.00856	0.00019	8.82	0.00165	0.00611	0.0000569	0.000073	0.0000622	0.0504	0.00000201	0.000095	0.000124	0.0008	2.29E-23
2040 Aug	161	0.0191	0.055	0.0024	22.8	0.0306	11	0.0000987	0.0000987	0.00000506	0.00303	0.000385	0.0126	0.00832	0.00000507	7.82	0.00000714	0.000105	0.0000997	0.000865	0.0153	0.00000171	1.13	1.53	0.00826	0.000185	8.6	0.0016	0.00599	0.0000553	0.0000706	0.0000613	0.0494	0.00000202	0.0000915	0.00012	0.000877	2.13E-23
2040 Sep	156	0.0186	0.0529	0.00234	22.2	0.0304	10.7	0.0000988	0.0000988	0.00000506	0.00303	0.000378	0.0123	0.00828	0.00000507	7.78	0.0000704	0.0001	0.0000999	0.000858	0.0151	0.00000166	1.12	1.52	0.00799	0.000181	8.41	0.00155	0.00589	0.0000535	0.0000684	0.0000604	0.0487	0.00000202	0.0000883	0.000117	0.000873	2E-23
2040 Oct	153	0.0182	0.0518	0.00231	21.8	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00783	0.000178	8.31	0.00152	0.00585	0.0000532	0.0000671	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2040 Nov	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00783	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2040 Dec	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00783	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2041 Jan	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2041 Feb	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2041 Mar	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2041 Apr	153	0.0182	0.0518	0.00231	21.9	0.0303	10.6	0.0000988	0.0000988	0.00000506	0.00302	0.000373	0.0121	0.00827	0.00000507	7.76	0.00000699	0.0000975	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00784	0.000178	8.31	0.00152	0.00586	0.0000532	0.0000672	0.0000599	0.0483	0.00000202	0.0000865	0.000115	0.000871	1.94E-23
2041 May	153	0.0183	0.0519	0.00231	21.9	0.0303	10.6	0.0000989	0.0000989	0.00000506	0.00302	0.000374	0.0121	0.00827	0.00000507	7.77	0.000007	0.0000976	0.0000999	0.000856	0.015	0.00000163	1.12	1.51	0.00785	0.000178	8.32	0.00152	0.00586	0.0000533	0.0000673	0.0000599	0.0484	0.00000202	0.0000866	0.000115	0.000872	1.94E-23
2041 Jun	154	0.0183	0.0522	0.00232	21.8	0.0303	10.6	0.0000987	0.0000987	0.00000505	0.00303	0.000376	0.0122	0.00826	0.00000507	7.76	0.00000707	0.0000995	0.0000993	0.000856	0.0151	0.00000167	1.12	1.51	0.00788	0.000179	8.27	0.00153	0.006	0.0000534	0.0000684	0.00006	0.0484	0.00000201	0.0000873	0.000117	0.000876	1.88E-23
2041 Jul	154	0.0182	0.0521	0.00232	21.4	0.0302	10.6	0.0000986	0.0000986	0.00000505	0.00303	0.000375	0.0121	0.00821	0.00000506	7.71	0.00000708	0.000102	0.0000977	0.000857	0.0151	0.00000168	1.11	1.5	0.0078	0.000178	8.17	0.00153	0.00601	0.0000533	0.0000685	0.0000598	0.048	0.00000201	0.0000872	0.000117	0.000876	1.76E-23
2041 Aug	148	0.0177	0.0502	0.00227	20.8	0.0301	10.3	0.0000988	0.0000988	0.00000505	0.00302	0.000369	0.0118	0.00818	0.00000506	7.67	0.000007	0.0000997	0.0000997	0.000853	0.015	0.00000164	1.1	1.48	0.00758	0.000174	8	0.00149	0.00593	0.0000522	0.0000665	0.0000591	0.0473	0.00000201	0.0000842	0.000114	0.000874	1.67E-23
2041 Sep	144	0.0172	0.0486	0.00222	20.4	0.0299	10	0.0000989	0.0000989	0.00000505	0.00301	0.000363	0.0115	0.00816	0.00000506	7.64	0.00000692	0.0000958	0.0000972	0.000847	0.0148	0.00000159	1.1	1.47	0.00737	0.000171	7.86	0.00145	0.00585	0.000051	0.0000647	0.0000584	0.0467	0.00000201	0.0000816	0.000112	0.000871	1.59E-23
2041 Oct	142	0.017	0.0478	0.0022	20.1	0.0299	9.93	0.0000989	0.0000989	0.00000505	0.00301	0.00036	0.0114	0.00815	0.00000506	7.63	0.00000688	0.000094	0.0000972	0.000845	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000639	0.0000581	0.0465	0.00000201	0.0000805	0.00011	0.00087	1.55E-23
2041 Nov	142	0.017	0.0479	0.0022	20.1	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.0000941	0.0000973	0.000845	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000664	0.0000581	0.0465	0.00000201	0.0000806	0.000111	0.00087	1.55E-23
2041 Dec	142	0.017	0.0479	0.0022	20.1	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.0000941	0.0000973	0.000845	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000664	0.0000581	0.0465	0.00000201	0.0000806	0.000111	0.00087	1.55E-23
2042 Jan	142	0.017	0.0479	0.0022	20.1	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.0000941	0.0000973	0.000845	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000664	0.0000581	0.0465	0.00000201	0.0000806	0.000111	0.00087	1.55E-23
2042 Feb	142	0.017	0.0479	0.0022	20.1	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.0000941	0.0000973	0.000845	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000664	0.0000581	0.0465	0.00000201	0.0000806	0.000111	0.00087	1.55E-23
2042 Mar	142	0.017	0.0479	0.0022	20.1	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.0000941	0.0000973	0.000845	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000664	0.0000581	0.0465	0.00000201	0.0000806	0.000111	0.00087	1.55E-23
2042 Apr	142	0.017	0.0479	0.0022	20.1	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00815	0.00000506	7.63	0.00000689	0.0000941	0.0000973	0.000846	0.0147	0.00000157	1.09	1.47	0.00728	0.000169	7.8	0.00143	0.00583	0.0000508	0.0000664	0.0000581	0.0465	0.00000201	0.0000806	0.000111	0.00087	1.55E-23
2042 May	142	0.0171	0.0479	0.0022	20.2	0.0299	9.95	0.00099	0.00099	0.00000505	0.00301	0.000361	0.0114	0.00816	0.00000507	7.64	0.00000689	0.0000942	0.0000974	0.000846	0.0148	0.00000157	1.09	1.47	0.00729	0.000169	7.81	0.00143	0.00583	0.0000509	0.0000664	0.0000581	0.0466	0.00000201	0.0000807	0.000111	0.00087	1.55E-23
2042 Jun	142	0.017	0.048	0.0022	20	0.0299	9.94	0.0000989	0.0000989	0.00000505	0.00301	0.000361	0.0114	0.00814	0.00000506	7.62	0.0000069	0.0000952	0.0000967	0.000846	0.0148	0.00000158	1.09	1.46	0.00727	0.000169	7.76	0.00144	0.00585	0.0000509	0.0000642	0.0000581	0.0465	0.00000201	0.0000807	0.000111	0.00087	1.52E-23
2042 Jul	140	0.0168	0.0471	0.00218	19.6	0.0298	9.8	0.0000989	0.0000989	0.00000505	0.003	0.000358	0.0112	0.0081	0.00000506	7.58	0.00000687	0.0000963	0.0000954	0.000846	0.0148	0.00000157	1.08	1.45	0.00716	0.000167	7.65	0.00142	0.00582	0.0000509	0.0000634	0.0000577	0.0459	0.00000201	0.0000795	0.00011	0.00869	1.45E-23
2042 Aug	137	0.0165	0.0461	0.00215	19.3	0.0297	9.64	0.0000988	0.0000988	0.00000504	0.00299	0.000355	0.0111	0.00807	0.00000505	7.55	0.00000681	0.0000952	0.0000948	0.000843	0.0147	0.00000154	1.08	1.44	0.00702	0.000165	7.53	0.0014	0.00577	0.00005	0.0000622	0.0000572	0.0455	0.00000201	0.0000779	0.000108	0.000867	1.38E-23
2042 Sep	134	0.0161	0.0448	0.00211	18.9	0.0296	9.45	0.0000988	0.0000988	0.00000504	0.00299	0.00035	0.0109	0.00806	0.00000505	7.53	0.00000674	0.000092	0.000095	0.000838	0.0146	0.00000151	1.07	1.43	0.00686	0.000162	7.42	0.00136	0.00572	0.0000491	0.0000608	0.0000567	0.0451	0.00000201	0.0000758	0.000106	0.000864	1.32E-23
2042 Oct	132	0.0159	0.0441	0.0021	18.7	0.0295	9.35	0.0000988	0.0000988	0.00000504	0.00298	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2042 Nov	132	0.016	0.0441	0.0021	18.7	0.0295	9.35	0.0000988	0.0000988	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2042 Dec	132	0.016	0.0441	0.0021	18.7	0.0295	9.35	0.0000988	0.0000988	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2043 Jan	132	0.016	0.0441	0.0021	18.7	0.0295	9.35	0.0000988	0.0000988	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2043 Feb	132	0.016	0.0441	0.0021	18.7	0.0295	9.35	0.0000988	0.0000988	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2043 Mar	132	0.016	0.0441	0.0021	18.7	0.0295	9.35	0.0000988	0.0000988	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000671	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2043 Apr	132	0.016	0.0441	0.0021	18.7	0.0295	9.35	0.0000989	0.0000989	0.00000504	0.00299	0.000348	0.0108	0.00805	0.00000505	7.52	0.00000672	0.0000905	0.0000951	0.000836	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0448	0.00000201	0.0000748	0.000105	0.000863	1.3E-23
2043 May	132	0.016	0.0442	0.0021	18.7	0.0296	9.36	0.0000989	0.0000989	0.00000504	0.00299	0.000348	0.0108	0.00806	0.00000505	7.53	0.00000672	0.0000906	0.0000952	0.000837	0.0145	0.00000149	1.07	1.43	0.00678	0.000161	7.37	0.00135	0.0057	0.0000489	0.0000601	0.0000564	0.0449	0.00000201	0.0000749	0.000105	0.000864	1.3E-23
2043 Jun	131	0.0159	0.0437	0.00208	18.5	0.0295	9.28	0.0000988	0.0000988	0.00000504	0.00299	0.000348	0.0107	0.00807	0.00000505	7.54	0.00000672	0.0000914	0.0000952	0.000837	0.0146	0.0000015	1.07	1.43	0.00687	0.00016	7.32	0.00134	0.00576	0.0000501	0.00006	0.0000563	0.0448	0.00000201	0.0000742	0.000107	0.000864	1.27E-23
2043 Jul	127	0.0156	0.0424	0.00205	18.2	0.0294	9.08	0.00099	0.00099	0.00000504	0.00297	0.000345	0.0104	0.00805	0.00000505	7.51	0.00000667	0.000092	0.0000941	0.000837	0.0147	0.00000147	1.06	1.41	0.00673	0.000157	7.21	0.00131	0.00572	0.0000502	0.0000587	0.0000558	0.0442	0.00000201	0.0000723	0.000105	0.000863	1.22E-23
2043 Aug	125	0.0153	0.0416	0.00203	17.9	0.0294	8.95	0.0000992	0.0000992	0.00000505	0.00297	0.000342	0.0103	0.00804	0.00000506	7.49	0.00000664	0.0000918	0.0000936	0.000836	0.0146	0.00000146	1.06	1.41	0.00663	0.000155	7.14	0.0013	0.0057	0.00005	0.0000578	0.0000555	0.0438	0.00000201	0.000071	0.000105	0.000863	1.19E-23
2043 Sep	125	0.0153	0.0416	0.00203	17.9	0.0294	8.95	0.0000992	0.0000992	0.00000505	0.00297	0.000343	0.0103	0.00804	0.00000506	7.49	0.00000664	0.0000918	0.0000936	0.000836	0.0146	0.00000146	1.06	1.41	0.00664	0.000155	7.14	0.0013	0.0057	0.00005	0.0000578	0.0000555	0.0439	0.00000201	0.0000711	0.000105	0.000863	1.19E-23
2043 Oct	125	0.0154	0.0417	0.00203	17.9	0.0294	8.96	0.0000992	0.0000992	0.00000505	0.00297	0.000343	0.0103	0.00804	0.00000506	7.5	0.00000664	0.0000918	0.0000936	0.000836	0.0147	0.00000146	1.06	1.41	0.00664	0.000155	7.14	0.0013	0.00571	0.00005	0.0000579	0.0000555	0.0439	0.00000201	0.0000711	0.000105	0.000863	1.19E-23
2043 Nov	125	0.0154	0.0417	0.00203	17.9	0.0294	8.96	0.000992	0.000992	0.00000505	0.00297	0.000343	0.0103	0.00805	0.00000506	7.5	0.00000664	0.0000918	0.0000936	0.000836	0.0147	0.00000146	1.06	1.41	0.00664	0.000156	7.14	0.0013	0.00572	0.0000499	0.0000579	0.0000555	0.0439	0.00000201	0.0000711	0.000105	0.000863	1.19E-23
2043 Dec	125	0.0154	0.0417	0.00203	17.9	0.0294	8.96	0.000992	0.000992	0.00000505	0.00297	0.000343	0.0103	0.00805	0.00000506	7.5	0.00000664	0.0000918	0.0000936	0.000836	0.0147	0.00000146	1.06	1.41	0.00664	0.000156	7.14	0.0013	0.00572	0.0000499	0.0000579	0.0000555	0.0439	0.00000201	0.0000711	0.000105	0.000863	1.19E-23

Appendix D.2-14: TIR101

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.627	2.91	0.0527	478	0.21	379	0.0000243	0.0000243	0.00000458	0.0112	0.0106	0.357	0.0392	0.00000975	44.1	0.0000844	0.00386	0.000523	0.00368	0.0182	0.0000357	19.6	22.7	0.168	0.00716	191	0.0363	0.00373	0.000063	0.0019	0.000892	1.08	0.00000332	0.00589	0.00122	0.0025	
Operation (2026-2036): Mean	2080	1.39	6.81	0.112	1030	0.296	495	0.000171	0.000171	0.0000057	0.014	0.0309	0.504	0.0481	0.0000116	65.7	0.000107	0.00743	0.000717	0.00567	0.0242	0.000046	25.3	34.3	0.224	0.00948	401	0.0492	0.0116	0.0000857	0.0025	0.00117	1.41	0.00000387	0.00755	0.0016	0.00289	
Operation (2026-2036): Max	2920	2.07	10.9	0.164	1640	0.355	586	0.000346	0.000346	0.00000672	0.0159	0.151	0.613	0.0538	0.000013	79.4	0.000126	0.01	0.000841	0.00698	0.0411	0.0000537	29.9	42.3	0.266	0.0113	596	0.0592	0.0197	0.000257	0.003	0.0014	1.67	0.00000426	0.00894	0.00189	0.00327	
Active Closure (2037-2043): Min	55.1	0.0205	0.0781	0.00228	17.2	0.033	16.7	0.00024	0.00024	0.000005	0.00305	0.000495	0.0169	0.00859	0.00000519	8.21	0.00000783	0.000228	0.0000972	0.00088	0.0135	0.00000187	1.53	1.92	0.00877	0.000325	7.84	0.00174	0.0047	0.0000432	0.0000871	0.0000706	0.0664	0.00000205	0.000223	0.000106	0.000865	
Active Closure (2037-2043): Mean	154	0.0967	0.476	0.00763	56.4	0.0512	48.2	0.000927	0.000927	0.00000509	0.00382	0.0013	0.0503	0.0113	0.00000562	12.4	0.0000146	0.000767	0.000141	0.00123	0.0148	0.0000049	3.1	4.21	0.0236	0.000937	26.4	0.00497	0.00556	0.0000493	0.00025	0.000145	0.156	0.00000218	0.000699	0.000212	0.001	
Active Closure (2037-2043): Max	1530	1.25	6.54	0.0867	603	0.307	472	0.00098	0.00098	0.00000626	0.0147	0.0126	0.516	0.0474	0.0000116	70.7	0.000107	0.00864	0.000737	0.00614	0.0373	0.0000464	24.3	36.4	0.222	0.00927	298	0.0492	0.0192	0.000189	0.00247	0.00116	1.37	0.00000388	0.00702	0.00164	0.00295	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan	2350	0.956	3.69	0.105	1360	0.237	457	0.000176	0.000176	0.00000458	0.0117	0.036	0.403	0.045	0.0000105	49	0.000093	0.00407	0.000599	0.00405	0.0226	0.0000394	23.3	25.3	0.192	0.00844	407	0.0413	0.0108	0.0000994	0.00214	0.00102	1.26	0.00000354	0.00729	0.00132	0.0025	
2026 Feb	2340	0.956	3.68	0.105	1360	0.236	457	0.000176	0.000176	0.00000458	0.0117	0.0359	0.403	0.0451	0.0000105	49	0.000093	0.00407	0.000599	0.00405	0.0227	0.0000394	23.3	25.3	0.192	0.00843	406	0.0413	0.0108	0.0000998	0.00214	0.00102	1.26	0.00000354	0.00729	0.00132	0.0025	
2026 Mar	2340	0.956	3.68	0.105	1360	0.236	457	0.000176	0.000176	0.00000458	0.0117	0.0409	0.403	0.0451	0.0000105	49	0.000093	0.00407	0.000599	0.00405	0.0228	0.0000394	23.3	25.3	0.192	0.00843	406	0.0413	0.0108	0.0001	0.00214	0.00102	1.26	0.00000354	0.00728	0.00132	0.0025	
2026 Apr	2350	0.957	3.69	0.105	1360	0.237	457	0.000177	0.000177	0.00000459	0.0117	0.0638	0.403	0.0451	0.0000105	49.1	0.0000931	0.00408	0.0006	0.00406	0.0228	0.0000395	23.3	25.3	0.193	0.00844	407	0.0413	0.0108	0.0001	0.00214	0.00102	1.26	0.00000355	0.00729	0.00132	0.0025	
2026 May	2360	0.976	3.78	0.106	1360	0.24	461	0.000176	0.000176	0.00000465	0.0119	0.0681	0.409	0.0455	0.0000106	49.9	0.0000941	0.00422	0.000608	0.00413	0.023	0.0000399	23.5	25.8	0.195	0.00852	409	0.0418	0.0109	0.000101	0.00216	0.00103	1.27	0.00000358	0.00734	0.00134	0.00253	
2026 Jun	2120	0.936	3.73	0.0979	1210	0.226	419	0.000253	0.000253	0.00000482	0.0117	0.0461	0.383	0.042	0.0000102	48.1	0.000089	0.00433	0.00057	0.00401	0.0243	0.0000377	21.5	24.6	0.181	0.0078	369	0.0388	0.0138	0.0000968	0.00203	0.000954	1.16	0.00000345	0.00662	0.0013	0.00256	
2026 Jul	2250	1.02	4.09	0.105	1280	0.242	447	0.000217	0.000217	0.00000493	0.0121	0.0408	0.413	0.0439	0.0000106	51.3	0.0000942	0.00481	0.000603	0.00432	0.0232	0.0000399	22.8	26.6	0.192	0.00833	392	0.0416	0.0121	0.0000928	0.00216	0.00102	1.24	0.00000358	0.00703	0.00137	0.00265	
2026 Aug	2630	1.31	5.44	0.128	1480	0.298	533	0.0000896	0.0000896	0.00000531	0.0136	0.0358	0.513	0.0499	0.0000119	63.3	0.0000111	0.00665	0.000719	0.00544	0.0198	0.0000471	27.2	33.7	0.231	0.01	461	0.051	0.00638	0.0000813	0.00261	0.00123	1.49	0.00000395	0.00829	0.0016	0.00289	
2026 Sep	2800	1.59	6.9	0.145	1540	0.345	585	0.0000243	0.0000243	0.00000588	0.0151	0.0364	0.597	0.0536	0.0000129	75.3	0.000124	0.00884	0.00082	0.00657	0.0193	0.0000528	29.8	40.5	0.262	0.0112	494	0.0581	0.00382	0.0000808	0.00295	0.00138	1.65	0.00000422	0.00891	0.00184	0.00319	
2026 Oct	2380	1.5	6.57	0.129	1280	0.319	508	0.000171	0.000171	0.00000612	0.0148	0.0185	0.541	0.049	0.000012	71.9	0.000112	0.00869	0.000757	0.00627	0.0244	0.0000484	26	37.7	0.234	0.00987	422	0.052	0.0122	0.0000728	0.00262	0.00123	1.46	0.00000398	0.00762	0.00169	0.00302	
2026 Nov	2300	1.46	6.37	0.124	1240	0.311	491	0.000205	0.000205	0.00000613	0.0147	0.0179	0.524	0.048	0.0000118	70.3	0.000109	0.00845	0.000738	0.00611	0.0254	0.0000472	25.2	36.6	0.227	0.00956	407	0.0504	0.014	0.0000711	0.00254	0.00119	1.41	0.00000393	0.00736	0.00164	0.00297	
2026 Dec	2280	1.45	6.33	0.124	1230	0.309	487	0.000211	0.000211	0.00000612	0.0146	0.0178	0.521	0.0478	0.0000118	69.9	0.000108	0.00838	0.000733	0.00608	0.0256	0.0000469	25	36.3	0.225	0.0095	404	0.05	0.0144	0.0000707	0.00252	0.00118	1.4	0.00000392	0.00731	0.00163	0.00295	
2027 Jan	2270	1.44	6.3	0.123	1220	0.308	485	0.000215	0.000215	0.00000612	0.0146	0.0177	0.519	0.0478	0.0000117	69.7	0.000108	0.00835	0.000732	0.00606	0.0259	0.0000468	25	36.2	0.225	0.00946	403	0.0498	0.0146	0.0000719	0.00251	0.00118	1.4	0.00000391	0.00728	0.00163	0.00295	
2027 Feb	2270	1.44	6.29	0.123	1220	0.307	484	0.000216	0.000216	0.00000611	0.0146	0.0177	0.517	0.0478	0.0000117	69.7	0.000108	0.00834	0.000734	0.00605	0.0263	0.0000467	24.9	36.1	0.224	0.00944	402	0.0497	0.0147	0.0000739	0.00251	0.00117	1.4	0.0000039	0.00727	0.00163	0.00294	
2027 Mar	2260	1.44	6.28	0.123	1220	0.307	484	0.000218	0.000218	0.00000612	0.0146	0.0177	0.517	0.0479	0.0000117	69.8	0.000108	0.00833	0.000735	0.00605	0.0265	0.0000467	24.9	36.1	0.225	0.00943	402	0.0497	0.0148	0.0000753	0.0025	0.00117	1.4	0.00000391	0.00726	0.00163	0.00294	
2027 Apr	2280	1.45	6.32	0.123	1230	0.309	487	0.00022	0.00022	0.00000616	0.0147	0.0178	0.52	0.0482	0.0000118	70.2	0.000108	0.00838	0.00074	0.00609	0.0269	0.000047	25	36.3	0.226	0.00949	404	0.05	0.015	0.0000769	0.00252	0.00118	1.41	0.00000393	0.0073	0.00164	0.00296	
2027 May	2500	1.81	8.47	0.146	1320	0.34	520	0.000208	0.000208	0.00000669	0.0159	0.0747	0.575	0.051	0.0000125	78.4	0.000118	0.00985	0.000811	0.00685	0.028	0.0000509	26.7	40.9	0.247	0.0102	480	0.0547	0.0145	0.0000827	0.00275	0.00128	1.51	0.00000416	0.00769	0.00181	0.00322	
2027 Jun	2040	1.17	5.32	0.107	1130	0.231	396	0.000315	0.000315	0.00000529	0.0122	0.0507	0.391	0.0399	0.0000101	51.1	0.000089	0.00536	0.00057	0.00435	0.0255	0.0000379	20.4	26.2	0.178	0.00751	389	0.0386	0.0163	0.0000863	0.00202	0.000933	1.12	0.00000344	0.00612	0.00134	0.00271	
2027 Jul	2330	1.09	4.6	0.111	1330	0.242	450	0.000209	0.000209	0.00000489	0.0121	0.0293	0.413	0.0435	0.0000106	50.6	0.0000946	0.0047	0.000594	0.00427	0.0216	0.00004	23	26.5	0.192	0.00837	421	0.0418	0.0113	0.0000817	0.00217	0.00102	1.25	0.00000358	0.00711	0.00136	0.00266	
2027 Aug	2920	1.64	7.51	0.151	1640	0.312	560	0.0000369	0.0000369	0.00000531	0.0139	0.0341	0.539	0.0515	0.0000122	66.1	0.000116	0.00706	0.000749	0.0057	0.0182	0.000049	28.5	35.5	0.242	0.0105	563	0.0536	0.00406	0.0000784	0.00273	0.00129	1.56	0.00000404	0.00868	0.00167	0.00296	
2027 Sep	2900	1.95	9.45	0.164	1580	0.327	546	0.0000879	0.0000879	0.00000585	0.0147	0.0296	0.56	0.0511	0.0000123	71.8	0.000117	0.0084	0.000777	0.00625	0.0211	0.00005	27.9	38.2	0.245	0.0105	596	0.0545	0.00736	0.000076	0.00276	0.0013	1.55	0.00000407	0.0083	0.00173	0.00306	
2027 Oct	2900	1.94	9.35	0.164	1580	0.326	547	0.0000814	0.0000814	0.0000058	0.0147	0.0242	0.559	0.0511	0.0000123	71.5	0.000117	0.00832	0.000776	0.00622	0.0209	0.0000499	27.9	38.1	0.245	0.0105	595	0.0544	0.00712	0.0000759	0.00276	0.0013	1.55	0.00000406	0.00832	0.00173	0.00305	
2027 Nov	2840	1.82	8.65	0.157	1560	0.316	537	0.0000889	0.0000889	0.00000564	0.0143	0.0208	0.541	0.0504	0.0000121	68.8	0.000114	0.0078	0.000753	0.00596	0.0207	0.0000487	27.4	36.5	0.239	0.0102	572	0.0529	0.00748	0.0000745	0.00269	0.00126	1.52	0.000004	0.00822	0.00167	0.00297	
2027 Dec	2820	1.82	8.69	0.156	1550	0.315	535	0.0000938	0.0000938	0.00000566	0.0143	0.0203	0.54	0.0503	0.0000121	68.8	0.000114	0.00782	0.000752	0.00597	0.0209	0.0000486	27.3	36.5	0.238	0.0102	572	0.0528	0.00776	0.0000743	0.00268	0.00126	1.51	0.000004	0.00818	0.00167	0.00297	
2028 Jan	2810	1.82	8.66	0.156	1550	0.314	533	0.0000971	0.0000971	0.00000566	0.0143	0.0203	0.538	0.0502	0.0000121	68.6	0.000113	0.00779	0.000751	0.00595	0.0212	0.0000485	27.2	36.4	0.237	0.0102	570	0.0526	0.00796	0.0000754	0.00267	0.00126	1.51	0.00000399	0.00815	0.00167	0.00296	
2028 Feb	2810	1.81	8.64	0.156	1540	0.314	532	0.000099	0.000099	0.00000565	0.0143	0.0202	0.537	0.0503	0.000012	68.6	0.000113	0.00778	0.000752	0.00594	0.0216	0.0000484	27.2	36.3	0.237	0.0102	568	0.0525	0.00809	0.0000773	0.00266	0.00125	1.5	0.00000399	0.00813	0.00167	0.00296	
2028 Mar	2810	1.81	8.63	0.155	1540	0.313	531	0.0001	0.0001	0.00000565	0.0143	0.0202	0.536	0.0503	0.000012	68.6	0.000113	0.00777	0.000753	0.00594	0.0218	0.0000483	27.1	36.3	0.237	0.0101	568	0.0524	0.00818	0.0000785	0.00266	0.00125	1.5	0.00000398	0.00812	0.00167	0.00296	
2028 Apr	2810	1.82	8.65	0.156	1550	0.314	533	0.000102	0.000102	0.00000567	0.0143	0.0203	0.537	0.0505	0.0000121	68.8	0.000113	0.00779	0.000756	0.00595	0.022	0.0000485	27.2	36.4	0.238	0.0102	569	0.0526	0.00826	0.0000797	0.00267	0.00126	1.51	0.00000399	0.00814	0.00168	0.00296	
2028 May	2850	1.85	8.82	0.158	1560	0.319	540	0.0000103	0.0000103	0.00000574	0.0145	0.0204	0.546	0.0512	0.0000122	70	0.000115	0.00794	0.000768	0.00605	0.0224	0.0000492	27.6	37	0.242	0.0103	577	0.0533	0.00839	0.0000814	0.00271	0.00127	1.53	0.00000405	0.00825	0.0017	0.00301	
2028 Jun	1970	1.01	4.5	0.0964	1080	0.226	405	0.000283	0.000283	0.00000501	0.0119	0.0527	0.384	0.0403	0.0000101	48.8	0.0000884	0.00477	0.000559	0.00412	0.0239	0.0000375	20.8	25.1	0.177	0.00759	361	0.0384	0.0147	0.0000831	0.00201	0.000935	1.13	0.00000342	0.00633	0.00131	0.00263	
2028 Jul	2120	0.984	4.19	0.0986	1170	0.244	452	0.000221	0.000221	0.00000499	0.0122	0.0434	0.417	0.0438	0.0000107	51.4	0.0000953	0.00483	0.0006	0.00434	0.0223	0.0000404	23.1	26.8	0.193	0.00842	374	0.0421	0.0118	0.0000833	0.00219	0.00103	1.25	0.00000362	0.00713	0.00137	0.0027	
2028 Aug	2470	1.25	5.54	0.12	1350	0.288	526	0.000113	0.000113	0.00000524	0.0134	0.0659	0.496	0.0493	0.0000118	60.6	0.000109	0.00613	0.000698	0.00519	0.0202	0.0000462	26.8	32.3	0.226	0.00983	449	0.0496	0.00733	0.0000818	0.00255	0.0012	1.46	0.00000394	0.00821	0.00156	0.00288	
2028 Sep	2590	1.42	6.52	0.13	1400	0.307	546	0.0000621	0.0000621	0.00000533	0.0139	0.0416	0.529	0.0507	0.0000121	65.3	0.000113	0.00698	0.000737	0.00563	0.0192	0.0000482	27.8	34.9	0.237	0.0103	483	0.0524	0.00566	0.0000763	0.00267	0.00126	1.52	0.00000399	0.00847	0.00163	0.00292	
2028 Oct	2070	1.34	6.34	0.112	1090	0.264	430	0.00027	0.00027	0.00000557	0.0132	0.0121	0.44	0.0437	0.0000107	59.1	0.0000948	0.00652	0.000634	0.00507	0.026	0.0000412	22.1	30.1	0.194	0.00833	407	0.0429	0.0174	0.0000635	0.00217	0.00102	1.23	0.0000036	0.00656	0.00139	0.00261	
2028 Nov	2050	1.36	6.46	0.112	1080	0.265	427	0.000283	0.000283	0.00000564	0.0133	0.0117	0.44	0.0435	0.0000107	59.5	0.0000945	0.0066	0.000634	0.0051	0.0266	0.0000412	22	30.2	0.193	0.00828	408	0.0427	0.0182	0.0000633	0.00216	0.00102	1.22	0.0000036	0.00649	0.00139	0.00262	
2028 Dec	2040	1.35	6.42	0.112	1070	0.263	424	0.000288	0.000288	0.00000563	0.0133	0.0116	0.437	0.0434	0.0000107	59.2	0.000094	0.00656	0.000631	0.00507	0.0268	0.000041	21.9	30	0.192	0.00824	405	0.0425	0.0184	0.000063	0.00214	0.00101	1.22	0.0000036	0.00645	0.00139	0.00261	
2029 Jan	2040	1.35	6.41	0.111	1070	0.263	423	0.00029	0.00029	0.00000563	0.0133	0.0116	0.436	0.0434	0.0000106	59.1	0.0000938	0.00655	0.000631	0.00506	0.027	0.0000409	21.8	30	0.192	0.00822	404	0.0424	0.0186	0.0000639	0.00214	0.00101	1.21	0.00000359	0.00643	0.00139	0.00261	
2029 Feb	2030	1.35	6.4	0.111	1070	0.262	423	0.000291	0.000291	0.00000563	0.0133	0.0116	0.435	0.0434	0.0000106	59.1	0.0000937	0.00654	0.000632	0.00506	0.0272	0.0000408	21.8	29.9	0.192	0.0082	404	0.0423	0.0186	0.0000652	0.00214	0.00101	1.21	0.00000359	0.00642	0.00139	0.00261	
2029 Mar	2030	1.35	6.39	0.111	1070	0.262	422	0.000291	0.000291	0.00000563	0.0133	0.0116	0.435	0.0435	0.0000106	59.2	0.0000937	0.00653	0.000633	0.00505	0.0274	0.0000408	21.8	29.9	0.192	0.0082	403	0.0423	0.0187	0.0000661	0.00213	0.00101	1.21	0.00000359	0.00642	0.00139	0.00261	
2029 Apr	2030	1.35	6.39	0.111	1070	0.262	422	0.000292	0.000292	0.00000564	0.0133	0.0116	0.435	0.0435	0.0000106	59.2	0.0000937	0.00654	0.000634	0.00506	0.0275	0.0000408	21.8	29.9	0.192	0.0082	403	0.0423	0.0187	0.0000668	0.00213	0.00101	1.21	0.00000359	0.00642	0.00139	0.00261	
2029 May	2100	1.46	7.07	0.118	1100	0.273	433	0.0000289	0.0000289	0.00000582	0.0137	0.0159	0.454	0.0445	0.0000109	62	0.0000968	0.00704	0.000658	0.00532	0.0279	0.0000422	22.3	31.5	0.199	0.00845	427	0.0439	0.0186	0.0000689	0.00221	0.00104	1.25	0.00000367	0.00655	0.00145	0.0027	
2029 Jun	2000	1.53	7.7	0.119	1020	0.265	411	0.0000346	0.0000346	0.00000605	0.0136	0.0105	0.444	0.0421	0.0000108	61.2	0.0000959	0.00727	0.000641	0.00529	0.0288	0.0000414	21.3	31.2	0.194	0.00803	423	0.0426	0.0194	0.0000722	0.00218	0.00101	1.2	0.00000364	0.00616	0.00149	0.00289	
2029 Jul	1690	0.708	2.91	0.0736	901	0.21	395	0.000277	0.000277	0.00000468	0.0112	0.0142	0.357	0.0392	0.00000975	44.1	0.0000844	0.00386	0.000523	0.00368	0.0227	0.0000357	20.2	22.7	0.168	0.00732	281	0.0363	0.0141	0.0000811	0.00191	0.000895	1.09	0.00000332	0.00627	0.00122	0.00251	
2029 Aug	2320	1.2	5.41	0.111	1220	0.289	529	0.0000783	0.0000783	0.00000508	0.0132	0.0305	0.498	0.0493	0.0000117	60.6	0.000109	0.00613	0.000698	0.00519	0.0186	0.0000461	26.9	32.4	0.226	0.0099	416	0.0499	0.00571	0.0000767	0.00255	0.00121	1.47	0.00000389	0.00828	0.00155	0.00282	
2029 Sep	2490	1.45	6.85	0.128	1300	0.315	560	0.0000383	0.0000383	0.00000536	0.0141	0.0384	0.543	0.0516	0.0000122	67	0.000116	0.00723	0.000754	0.00578	0.0185	0.0000492	28.5	35.9	0.243	0.0105	469	0.0538	0.00445	0.0000765	0.00274	0.0013	1.56	0.00000404	0.00866	0.00167	0.00296	
2029 Oct	2560	1.71	8.42	0.141	1320	0.33	560	0.0000535	0.0000535	0.00000573	0.0147	0.0317	0.567	0.0519	0.0000124	71.8	0.000119	0.00829	0.000785	0.00625	0.0199	0.0000506	28.6	38.4	0.25	0.0107	510	0.0554	0.00554	0.0000771	0.00281	0.00132	1.58	0.0000041	0.00855	0.00175	0.00307	
2029 Nov	2270	1.42	6.76	0.12	1170	0.292	502	0.000126	0.000126	0.00000538	0.0136	0.0171	0.497	0.0479	0.0000115	63.3	0.000106	0.00692	0.000699	0.00545	0.0212	0.0000455	25.6	33.3	0.221	0.00956	437	0.0489	0.00944	0.0000703	0.00249	0.00117	1.41	0.00000382	0.00773	0.00155	0.00279	
2029 Dec	2250	1.42	6.77	0.12	1170	0.291	499	0.000134	0.000134	0.0000054	0.0136	0.017	0.495	0.0477	0.0000114	63.2	0.000106	0.00691	0.000696	0.00544	0.0215	0.0000453	25.5	33.2	0.22	0.0095	435	0.0487	0.00987	0.00007	0.00247	0.00117	1.41	0.00000381	0.00767	0.00154	0.00278	
2030 Jan	2250	1.41	6.75	0.119	1160	0.29	497	0.000136	0.000136	0.0000054	0.0136	0.0169	0.493	0.0476	0.0000114	63.1	0.000106	0.00689	0.000696	0.00543	0.0217	0.0000452	25.4	33.1	0.22	0.00947	434	0.0485	0.01	0.0000708	0.00246	0.00116	1.4	0.0000038	0.00765	0.00154	0.00277	
2030 Feb	2240	1.41	6.74	0.119	1160	0.289	497	0.000138	0.000138	0.00000539	0.0135	0.0169	0.493	0.0477	0.0000114	63.1	0.000105	0.00688	0.000697	0.00542	0.022	0.0000451	25.4	33.1	0.219	0.00946	433	0.0485	0.0101	0.0000722	0.00246	0.00116	1.4	0.0000038	0.00764	0.00154	0.00277	
2030 Mar	2240	1.41	6.74	0.119	1160	0.289	496	0.000139	0.000139	0.0000054	0.0135	0.0169	0.492	0.0477	0.0000114	63.1	0.000105	0.00688	0.000697	0.00542	0.0221	0.0000451	25.4	33.1	0.22	0.00945	433	0.0484	0.0102	0.0000731	0.00246	0.00116	1.4	0.0000038	0.00763	0.00154	0.00277	
2030 Apr	2240	1.41	6.74	0.119	1160	0.29	496	0.000139	0.000139	0.0000054	0.0136	0.0169	0.492	0.0478	0.0000114	63.1	0.000105	0.00688	0.000698	0.00542	0.0223	0.0000451	25.4	33.1	0.22	0.00945	433	0.0484	0.0102	0.0000738	0.00246	0.00116	1.4	0.0000038	0.00763	0.00154	0.00277	
2030 May	2260	1.43	6.82	0.12	1170	0.292	500	0.000141	0.000141

Appendix D.2-14: TIR101

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.627	2.91	0.0527	478	0.21	379	0.0000243	0.0000243	0.00000458	0.0112	0.0106	0.357	0.0392	0.00000975	44.1	0.0000844	0.00386	0.000523	0.00368	0.0182	0.0000357	19.6	22.7	0.168	0.00716	191	0.0363	0.00373	0.000063	0.0019	0.000892	1.08	0.00000332	0.00589	0.00122	0.0025	
Operation (2026-2036): Mean	2080	1.39	6.81	0.112	1030	0.296	495	0.000171	0.000171	0.0000057	0.014	0.0309	0.504	0.0481	0.0000116	65.7	0.000107	0.00743	0.000717	0.00567	0.0242	0.000046	25.3	34.3	0.224	0.00948	401	0.0492	0.0116	0.0000857	0.0025	0.00117	1.41	0.00000387	0.00755	0.0016	0.00289	
Operation (2026-2036): Max	2920	2.07	10.9	0.164	1640	0.355	586	0.000346	0.000346	0.00000672	0.0159	0.151	0.613	0.0538	0.000013	79.4	0.000126	0.01	0.000841	0.00698	0.0411	0.0000537	29.9	42.3	0.266	0.0113	596	0.0592	0.0197	0.000257	0.003	0.0014	1.67	0.00000426	0.00894	0.00189	0.00327	
2032 Nov	2160	1.6	8.23	0.122	998	0.334	555	0.0000872	0.0000872	0.00000599	0.015	0.0357	0.574	0.0519	0.0000125	73.8	0.000119	0.00872	0.000794	0.00643	0.0214	0.000051	28.3	39.3	0.25	0.0106	430	0.0557	0.00734	0.0000773	0.00282	0.00132	1.58	0.00000414	0.00842	0.00177	0.00312	
2032 Dec	2100	1.68	8.69	0.124	967	0.326	524	0.000147	0.000147	0.00000614	0.015	0.0273	0.555	0.05	0.0000122	73.2	0.000115	0.00884	0.000774	0.00639	0.0236	0.0000495	26.8	38.5	0.24	0.0101	434	0.0534	0.0107	0.0000744	0.0027	0.00126	1.5	0.00000405	0.00788	0.00173	0.00307	
2033 Jan	2070	1.66	8.59	0.123	956	0.323	518	0.000158	0.000158	0.00000612	0.0149	0.027	0.549	0.0498	0.0000121	72.6	0.000114	0.00873	0.00077	0.00632	0.0244	0.000049	26.5	38.1	0.238	0.01	429	0.0528	0.0114	0.0000772	0.00267	0.00125	1.49	0.00000402	0.00778	0.00172	0.00305	
2033 Feb	2060	1.65	8.55	0.122	952	0.321	515	0.000162	0.000162	0.00000612	0.0149	0.0269	0.546	0.05	0.0000121	72.6	0.000113	0.0087	0.000772	0.0063	0.0252	0.0000488	26.4	38	0.238	0.00999	427	0.0526	0.0116	0.0000815	0.00266	0.00124	1.48	0.00000402	0.00775	0.00172	0.00304	
2033 Mar	2060	1.65	8.54	0.122	950	0.321	515	0.000164	0.000164	0.00000612	0.0149	0.0268	0.545	0.0501	0.0000121	72.6	0.000113	0.00869	0.000774	0.0063	0.0257	0.0000488	26.4	37.9	0.238	0.00997	427	0.0525	0.0118	0.000084	0.00265	0.00124	1.48	0.00000401	0.00774	0.00172	0.00304	
2033 Apr	2070	1.66	8.58	0.123	955	0.322	517	0.000167	0.000167	0.00000616	0.0149	0.027	0.548	0.0504	0.0000122	73.1	0.000114	0.00872	0.00078	0.00633	0.0262	0.000049	26.5	38.1	0.24	0.01	428	0.0528	0.012	0.0000862	0.00266	0.00125	1.49	0.00000404	0.00777	0.00173	0.00306	
2033 May	1940	1.66	8.65	0.119	883	0.303	474	0.000256	0.000256	0.0000063	0.0145	0.0687	0.514	0.0513	0.0000117	73.3	0.000108	0.00857	0.000814	0.00616	0.0388	0.0000465	24.5	36.7	0.238	0.00923	414	0.0493	0.017	0.000216	0.0025	0.00117	1.39	0.00000391	0.00705	0.0018	0.00307	
2033 Jun	1520	0.966	4.78	0.0763	676	0.248	428	0.000257	0.000257	0.00000531	0.0124	0.0381	0.423	0.0474	0.0000105	58.8	0.0000941	0.0059	0.000705	0.00479	0.0372	0.0000401	22.1	29	0.208	0.00811	273	0.0418	0.0159	0.000236	0.00216	0.00102	1.23	0.00000354	0.00659	0.00156	0.00271	
2033 Jul	1650	0.952	4.64	0.0784	736	0.272	484	0.000169	0.000169	0.00000527	0.013	0.0373	0.467	0.0493	0.0000112	61	0.000103	0.00615	0.00072	0.00508	0.0295	0.0000437	24.8	31.2	0.221	0.00911	283	0.0465	0.0112	0.000173	0.00239	0.00113	1.37	0.00000376	0.00751	0.00159	0.00281	
2033 Aug	1950	1.18	5.84	0.0955	868	0.32	567	0.0000496	0.0000496	0.00000551	0.0143	0.0499	0.552	0.053	0.0000125	68.8	0.000118	0.00742	0.00078	0.00591	0.021	0.0000501	28.9	36.7	0.249	0.0107	343	0.0547	0.00502	0.000102	0.00279	0.00132	1.59	0.00000412	0.00877	0.00173	0.00304	
2033 Sep	1980	1.48	7.6	0.111	884	0.323	536	0.000103	0.000103	0.00000585	0.0146	0.0245	0.552	0.0505	0.0000122	71.2	0.000115	0.00834	0.000768	0.0062	0.0216	0.0000494	27.4	37.8	0.242	0.0103	389	0.0537	0.00827	0.0000755	0.00272	0.00128	1.52	0.00000403	0.00814	0.00171	0.00303	
2033 Oct	1760	1.36	7	0.1	785	0.291	470	0.000208	0.000208	0.00000577	0.0139	0.0111	0.489	0.0462	0.0000113	65.1	0.000103	0.00754	0.000693	0.00563	0.0246	0.0000446	24.1	33.8	0.214	0.00909	351	0.0474	0.0141	0.0000679	0.00239	0.00113	1.34	0.00000377	0.00711	0.00154	0.0028	
2033 Nov	1720	1.35	6.91	0.0987	766	0.285	456	0.000234	0.000234	0.00000578	0.0138	0.0106	0.477	0.0454	0.0000111	64	0.000101	0.0074	0.000679	0.00553	0.0254	0.0000437	23.5	33	0.208	0.00886	345	0.0461	0.0155	0.0000666	0.00233	0.0011	1.31	0.00000373	0.0069	0.0015	0.00276	
2033 Dec	1710	1.34	6.89	0.0985	764	0.284	455	0.000236	0.000236	0.00000578	0.0138	0.0106	0.476	0.0453	0.0000111	63.9	0.000101	0.00738	0.000677	0.00552	0.0255	0.0000436	23.4	32.9	0.208	0.00884	344	0.046	0.0156	0.0000665	0.00232	0.00109	1.31	0.00000372	0.00688	0.0015	0.00276	
2034 Jan	1710	1.34	6.89	0.0984	764	0.284	454	0.000237	0.000237	0.00000578	0.0138	0.0106	0.476	0.0453	0.0000111	63.9	0.000101	0.00737	0.000677	0.00551	0.0256	0.0000436	23.4	32.9	0.208	0.00883	343	0.046	0.0157	0.0000668	0.00232	0.00109	1.31	0.00000372	0.00687	0.0015	0.00275	
2034 Feb	1710	1.34	6.88	0.0983	763	0.283	454	0.000237	0.000237	0.00000578	0.0138	0.0106	0.475	0.0453	0.0000111	63.9	0.000101	0.00737	0.000678	0.00551	0.0257	0.0000436	23.4	32.9	0.208	0.00882	343	0.0459	0.0157	0.0000674	0.00232	0.00109	1.3	0.00000372	0.00687	0.0015	0.00275	
2034 Mar	1710	1.34	6.88	0.0983	763	0.283	454	0.000238	0.000238	0.00000578	0.0138	0.0106	0.475	0.0453	0.0000111	63.9	0.000101	0.00737	0.000678	0.00551	0.0258	0.0000436	23.3	32.9	0.208	0.00882	343	0.0459	0.0157	0.0000679	0.00232	0.00109	1.3	0.00000372	0.00686	0.0015	0.00275	
2034 Apr	1710	1.34	6.89	0.0984	764	0.284	455	0.000239	0.000239	0.00000579	0.0138	0.0106	0.476	0.0454	0.0000111	64	0.000101	0.00738	0.00068	0.00552	0.0259	0.0000437	23.4	32.9	0.208	0.00883	344	0.046	0.0158	0.0000683	0.00232	0.00109	1.31	0.00000373	0.00688	0.0015	0.00276	
2034 May	1680	1.31	6.71	0.0961	748	0.279	449	0.000255	0.000255	0.0000058	0.0137	0.0591	0.469	0.0461	0.0000111	63.9	0.0000997	0.00725	0.00069	0.00546	0.0289	0.0000432	23.1	32.5	0.209	0.00871	336	0.0454	0.0167	0.000102	0.0023	0.00108	1.29	0.00000371	0.00679	0.00152	0.00277	
2034 Jun	1320	0.815	3.97	0.0638	570	0.229	393	0.000317	0.000317	0.00000522	0.0119	0.0367	0.384	0.0462	0.00001	55.4	0.000087	0.00524	0.000676	0.00441	0.0411	0.0000373	20.4	26.4	0.194	0.00746	229	0.0382	0.0197	0.000257	0.00197	0.000937	1.14	0.0000034	0.00606	0.00147	0.00256	
2034 Jul	1600	1.06	5.32	0.0815	692	0.277	475	0.000203	0.000203	0.00000552	0.0132	0.0348	0.472	0.0492	0.0000113	63.1	0.000102	0.00662	0.000729	0.00528	0.0316	0.0000439	24.4	32.1	0.221	0.00902	289	0.0465	0.0132	0.000175	0.00238	0.00112	1.35	0.00000378	0.0073	0.0016	0.00282	
2034 Aug	1800	1.15	5.8	0.0899	773	0.312	543	0.000113	0.000113	0.00000567	0.0142	0.0545	0.535	0.0525	0.0000123	68.3	0.000114	0.00737	0.000775	0.00583	0.0251	0.0000489	27.7	35.9	0.243	0.0103	320	0.0528	0.00831	0.000125	0.00269	0.00127	1.53	0.00000408	0.00837	0.00171	0.00302	
2034 Sep	1900	1.49	7.77	0.109	822	0.324	530	0.000122	0.000122	0.00000596	0.0148	0.0258	0.553	0.0503	0.0000122	71.9	0.000115	0.00852	0.00077	0.00626	0.0227	0.0000493	27.1	38	0.241	0.0102	378	0.0535	0.00936	0.0000773	0.00271	0.00127	1.51	0.00000404	0.00802	0.00172	0.00304	
2034 Oct	1860	1.62	8.57	0.115	809	0.315	491	0.000198	0.000198	0.00000618	0.0148	0.0133	0.532	0.0479	0.0000118	71.6	0.00011	0.00877	0.000746	0.00625	0.0253	0.0000475	25.2	37.3	0.229	0.0096	394	0.0509	0.0137	0.0000711	0.00256	0.0012	1.42	0.00000393	0.00733	0.00166	0.00299	
2034 Nov	1870	1.69	8.97	0.118	815	0.315	483	0.000222	0.000222	0.00000631	0.0149	0.0129	0.531	0.0476	0.0000118	72.3	0.000109	0.00897	0.000746	0.00631	0.0263	0.0000474	24.9	37.6	0.227	0.0095	405	0.0506	0.015	0.0000707	0.00254	0.00119	1.4	0.00000392	0.00718	0.00167	0.003	
2034 Dec	1860	1.69	8.95	0.118	812	0.314	482	0.000226	0.000226	0.00000631	0.0149	0.0128	0.529	0.0475	0.0000118	72.1	0.000109	0.00894	0.000744	0.0063	0.0264	0.0000473	24.8	37.4	0.226	0.00947	404	0.0504	0.0152	0.0000705	0.00253	0.00118	1.4	0.00000392	0.00716	0.00166	0.003	
2035 Jan	1860	1.69	8.94	0.118	811	0.314	481	0.000227	0.000227	0.00000631	0.0149	0.0128	0.529	0.0475	0.0000118	72.1	0.000109	0.00894	0.000744	0.00629	0.0266	0.0000472	24.8	37.4	0.226	0.00945	404	0.0503	0.0153	0.000071	0.00253	0.00118	1.4	0.00000392	0.00714	0.00166	0.003	
2035 Feb	1860	1.69	8.94	0.118	811	0.314	481	0.000227	0.000227	0.00000631	0.0149	0.0128	0.528	0.0475	0.0000118	72.1	0.000109	0.00893	0.000744	0.00629	0.0267	0.0000472	24.8	37.4	0.226	0.00945	403	0.0503	0.0153	0.0000718	0.00253	0.00118	1.4	0.00000392	0.00714	0.00166	0.00299	
2035 Mar	1860	1.69	8.93	0.118	810	0.314	481	0.000228	0.000228	0.00000631	0.0149	0.0128	0.528	0.0475	0.0000118	72.1	0.000109	0.00893	0.000745	0.00629	0.0268	0.0000472	24.7	37.4	0.226	0.00944	403	0.0503	0.0154	0.0000724	0.00253	0.00118	1.4	0.00000391	0.00714	0.00166	0.00299	
2035 Apr	1860	1.69	8.95	0.118	812	0.314	482	0.000229	0.000229	0.00000633	0.0149	0.0128	0.529	0.0476	0.0000118	72.3	0.000109	0.00895	0.000747	0.0063	0.0269	0.0000473	24.8	37.5	0.227	0.00946	404	0.0504	0.0154	0.000073	0.00253	0.00118	1.4	0.00000392	0.00715	0.00167	0.003	
2035 May	1870	1.68	8.89	0.118	814	0.317	488	0.000228	0.000228	0.00000637	0.015	0.0496	0.534	0.0483	0.0000119	72.9	0.00011	0.00897	0.000757	0.00635	0.0274	0.0000478	25.1	37.8	0.23	0.00958	403	0.0509	0.0154	0.0000784	0.00256	0.0012	1.42	0.00000397	0.00726	0.00169	0.00303	
2035 Jun	1170	0.669	3.27	0.0532	478	0.218	379	0.00033	0.00033	0.0000051	0.0117	0.0356	0.366	0.0413	0.00000977	49.9	0.0000845	0.00481	0.000586	0.0041	0.0319	0.0000361	19.6	24.6	0.176	0.00716	191	0.0365	0.0183	0.000156	0.0019	0.00892	1.08	0.00000334	0.00589	0.00133	0.00256	
2035 Jul	1270	0.627	3	0.0527	512	0.241	434	0.000245	0.000245	0.00000506	0.0122	0.0348	0.409	0.0441	0.0000105	52.7	0.0000931	0.00505	0.000619	0.0044	0.027	0.0000396	22.3	26.9	0.193	0.00814	192	0.0411	0.0139	0.000125	0.00213	0.001	1.22	0.00000355	0.00679	0.0014	0.00266	
2035 Aug	1720	1.05	5.31	0.0819	701	0.323	565	0.0000386	0.0000386	0.00000552	0.0143	0.0291	0.557	0.0522	0.0000124	69.2	0.000118	0.00768	0.000774	0.00599	0.0191	0.0000501	28.8	37.2	0.248	0.0107	291	0.0549	0.00427	0.0000829	0.0028	0.00132	1.58	0.00000409	0.00871	0.00172	0.00303	
2035 Sep	1880	1.6	8.5	0.113	782	0.343	536	0.000139	0.000139	0.00000643	0.0155	0.0222	0.585	0.0509	0.0000125	77.9	0.000119	0.00979	0.00081	0.00684	0.0239	0.0000514	27.5	41.1	0.25	0.0105	386	0.0558	0.0102	0.0000763	0.00281	0.00131	1.55	0.00000414	0.00798	0.00182	0.0032	
2035 Oct	1880	1.46	7.71	0.106	774	0.343	557	0.0000824	0.0000824	0.00000615	0.0153	0.0188	0.589	0.052	0.0000126	76.6	0.000121	0.00936	0.000813	0.00671	0.0217	0.0000519	28.5	40.8	0.255	0.0108	365	0.0568	0.00727	0.0000778	0.00287	0.00134	1.59	0.00000416	0.00838	0.00182	0.00318	
2035 Nov	1770	1.36	7.12	0.0983	728	0.326	528	0.000139	0.000119	0.00000606	0.0148	0.0137	0.556	0.05	0.0000122	72.7	0.000115	0.00874	0.000772	0.00634	0.0224	0.0000494	27	38.4	0.241	0.0102	340	0.0536	0.00927	0.0000744	0.00271	0.00127	1.51	0.00000402	0.00796	0.00173	0.00305	
2035 Dec	1740	1.35	7.05	0.0972	719	0.322	521	0.000132	0.000132	0.00000599	0.0147	0.0136	0.549	0.0495	0.0000121	72	0.000114	0.00864	0.000764	0.00628	0.0228	0.0000489	26.7	38	0.238	0.0101	337	0.0529	0.00997	0.0000737	0.00267	0.00125	1.49	0.000004	0.00785	0.00171	0.00303	
2036 Jan	1740	1.34	7.02	0.0969	717	0.321	519	0.000135	0.000135	0.00000599	0.0147	0.0135	0.547	0.0495	0.0000012	71.8	0.000114	0.00862	0.000763	0.00626	0.0231	0.0000488	26.6	37.9	0.238	0.01	336	0.0528	0.0101	0.0000746	0.00267	0.00125	1.49	0.00000399	0.00783	0.0017	0.00302	
2036 Feb	1740	1.34	7.01	0.0967	716	0.321	519	0.000137	0.000137	0.00000599	0.0147	0.0135	0.546	0.0495	0.0000012	71.8	0.000113	0.0086	0.000764	0.00626	0.0234	0.0000487	26.6	37.8	0.238	0.01	335	0.0527	0.0102	0.0000761	0.00266	0.00125	1.48	0.00000399	0.00781	0.0017	0.00302	
2036 Mar	1730	1.34	7	0.0966	715	0.32	518	0.000138	0.000138	0.00000599	0.0147	0.0135	0.546	0.0496	0.0000012	71.8	0.000113	0.00859	0.000765	0.00625	0.0235	0.0000487	26.5	37.8	0.238	0.01	335	0.0526	0.0103	0.0000771	0.00266	0.00125	1.48	0.00000398	0.00781	0.0017	0.00302	
2036 Apr	1740	1.34	7.03	0.0969	717	0.322	520	0.000137	0.000137	0.00000601	0.0148	0.0394	0.548	0.0498	0.0000121	72.1	0.000114	0.00864	0.000769	0.00628	0.0237	0.0000489	26.6	38	0.239	0.0101	336	0.0529	0.0103	0.0000781	0.00267	0.00125	1.49	0.000004	0.00784	0.00171	0.00303	
2036 May	1760	1.36	7.1	0.098	726	0.327	529	0.000135	0.000135	0.00000609	0.015	0.108	0.557	0.0506	0.0000123	73.3	0.000116	0.00877	0.000782	0.00638	0.0239	0.0000497	27.1	38.6	0.243	0.0102	340	0.0538	0.0102	0.0000798	0.00272	0.00127	1.52	0.00000406	0.00798	0.00174	0.00308	
2036 Jun	1330	0.817	4.16	0.0627	520	0.262	447	0.000233	0.000233	0.00000542	0.013	0.0451	0.446	0.0437	0.0000108	57.7	0.0000981	0.00629	0.000638	0.00495	0.024	0.0000418	22.9	30	0.2	0.00849	221	0.0438	0.0131	0.0000853	0.00226	0.00105	1.26	0.00000364	0.00686	0.00147	0.00281	
2036 Jul	1330	0.673	3.32	0.0551	506	0.272	484	0.000171	0.000171	0.00000525	0.013	0.0343	0.464	0.0462	0.0000112	58	0.000102	0.00601	0.000659	0.00497	0.0218	0.0000436	24.7	30.6	0.211	0.00909	198	0.0462	0.00994	0.000083	0.00238	0.00112	1.35	0.00000376	0.00752	0.00149	0.00281	
2036 Aug	1500	0.767	3.8	0.0625	570	0.306	547	0.0000851	0.0000851	0.00000542	0.0139	0.0544	0.526	0.0509	0.0000122	64.9	0.000113	0.00686	0.000736	0.00559	0.02	0.0000483	27.8	34.7	0.237	0.0103	224	0.0523	0.00621	0.0000817	0.00267	0.00126	1.52	0.00000404	0.00849	0.00164	0.00296	
2036 Sep	1790	1.28	6.72	0.0934	699	0.355	586	0.0000331	0.0000331	0.00000612	0.0155	0.0285	0.613	0.0538	0.000013	78.4	0.000126	0.00953	0.000841	0.00688	0.0201	0.0000537	29.9	42.1	0.266	0.0113	324	0.0592	0.00447	0.0000809	0.003	0.0014	1.67	0.00000426	0.00885	0.00189	0.00327	
2036 Oct	1540	1.22	6.37	0.0854	605	0.309	481	0.000224	0.000224	0.0000062	0.0147	0.0161	0.521	0.0474	0.0000117	70.5	0.000108	0.00856	0.000733	0.00613	0.0261	0.0000468	24.8	36.5	0.224	0.00942	294	0.0498	0.0151	0.0000702	0.00251	0.00117	1.39	0.00000391	0.00719	0.00163	0.00296	
2036 Nov	1590	1.28	6.77	0.0898	626	0.317	491	0.00021	0.00021	0.00000629	0.015	0.0136	0.536	0.0481	0.0000119	72.5	0.00011	0.00895	0.000752	0.00633	0.0259	0.0000478	25.3	37.8	0.23	0.00962	308	0.0511	0.0144	0.0000714	0.00257	0.0012	1.42	0.00000395	0.00731	0.00168	0.00302	
2036 Dec	1540	1.25	6.59	0.0873	608	0.309	476	0.000234	0.000234	0.00000625	0.0148	0.0127	0.52	0.0471	0.0000117	70.8	0.000107	0.0087	0.000733	0.00617	0.0266	0.0000466	24.5	36.7	0.223	0.00934	300	0.0495	0.0157	0.0000697	0.00249	0.00117	1.38	0.00000389	0.00708	0.00163	0.00296	
2037 Jan	1530	1.25	6.54	0.0867	603	0.307	472	0.00024	0.00024	0.00000625	0.0147	0.0126	0.516	0.047	0.0000116	70.5	0.000107	0.00864	0.000731	0.00614	0.0271	0.0000464	24.3	36.4	0.222	0.00927	298	0.0492	0.016	0.0000718	0.00247	0.00116	1.37	0.00000387	0.00702	0.00163	0.00295	
2037 Feb	1530	1.24	6.52	0.0864	601	0.306	470	0.000243	0.000243	0.00000624	0.0147	0.0125	0.514	0.0471	0.0000116	70.5	0.000106	0.00861	0.000732	0.00612	0.0277	0.0000462	24.2	36.3	0.222	0.00924	297	0.049	0.0162	0.000075	0.00247	0.00115	1.37	0.00000387	0.007	0.00163	0.00294	
2037 Mar	1530	1.24	6.51	0.0863	601	0.306	470	0.000245	0.000245	0.00000624	0.0147	0.0125	0.514	0.0472	0.0000116	70.5	0.000106	0.0086	0.000734	0.00612	0.0281	0.0000462	24.2	36.3	0.222	0.00923	296	0.049	0.0164	0.000077	0.00246	0.00115	1.37	0.00000387	0.00699	0.00163	0.00294	
2037 Apr	1530	1.24	6.52	0.0864	602	0.306	471	0.000247	0.000247	0.00000626	0.0147	0.0126	0.514	0.0473	0.0000116	70.7	0.000107	0.00862	0.000737	0.00613	0.0284	0.0000463	24.3	36.4	0.222	0.00924	297	0.0491	0.0165	0.0000785	0.00247	0.00115	1.37	0.00000388	0.007	0.00164	0.00295	
2037 May	1310	0.948	4.86	0.0678	501	0.267	428	0.000299	0.000299	0.00000582	0.0134	0.0109	0.448	0.0474	0.0000108	63.9	0.0000965	0.007	0.00072	0.00531	0.0373	0.0000418	22.2	31.5	0.21	0.00829	233	0.0434	0.0192	0.000189	0.00221	0.00104	1.25	0.00000365	0.00646	0.00158	0.00277	
2037 Jun	334	0.16	0.738	0.0135	119	0.0869	125	0.000781	0.000781	0.000005	0.00529	0.00281	0.118	0.0188	0.00000652	22.7	0.0000299	0.00155	0.000242	0.00185	0.0213	0.0000118	6.89	8.55	0.0606	0.00235	46.5	0.012	0.00788	0.000107	0.000617	0.000315	0.368	0.00000242	0.00192	0.0004484	0.00132	
2037 Jul	128	0.0581	0.26	0.00528	45	0.0467	43.8	0.00093	0.00093	0.00000502	0.00348	0.00108	0.0421	0.0109	0.00000553	11.1	0.0000133	0.000597	0.000119	0.00116	0.0163	0.0000044	2.85	3.55	0.0217	0.000836	18.5	0.00441	0.00532	0.0000657	0.000221	0.000132	0.14	0.00000215	0.000652	0.000205	0.000974	
2037 Aug	94.6	0.0408	0.177	0.0039	33	0.0401	30.7	0.0000955	0.0000955	0.00000502	0.00325	0.000799	0.0298	0.00972	0.00000537	9.65	0.0000106	0.000421	0.000107	0.00102	0.015	0.00000316	2.2	2.75	0.0154	0.000589	13.

Appendix D.2-14: TIR101

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.627	2.91	0.0527	478	0.21	379	0.0000243	0.0000243	0.00000458	0.0112	0.0106	0.357	0.0392	0.00000975	44.1	0.0000844	0.00386	0.000523	0.00368	0.0182	0.0000357	19.6	22.7	0.168	0.00716	191	0.0363	0.00373	0.000063	0.0019	0.000892	1.08	0.00000332	0.00589	0.00122	0.0025	
Operation (2026-2036): Mean	2080	1.39	6.81	0.112	1030	0.296	495	0.000171	0.000171	0.0000057	0.014	0.0309	0.504	0.0481	0.0000116	65.7	0.000107	0.00743	0.000717	0.00567	0.0242	0.000046	25.3	34.3	0.224	0.00948	401	0.0492	0.0116	0.0000857	0.0025	0.00117	1.41	0.00000387	0.00755	0.0016	0.00289	
Operation (2026-2036): Max	2920	2.07	10.9	0.164	1640	0.355	586	0.000346	0.000346	0.00000672	0.0159	0.151	0.613	0.0538	0.000013	79.4	0.000126	0.01	0.000841	0.00698	0.0411	0.0000537	29.9	42.3	0.266	0.0113	596	0.0592	0.0197	0.000257	0.003	0.0014	1.67	0.00000426	0.00894	0.00189	0.00327	
2040 May	67.4	0.0267	0.109	0.00278	22.2	0.0351	20.9	0.000972	0.000972	0.00000502	0.00313	0.00058	0.0208	0.00896	0.00000524	8.66	0.00000865	0.000277	0.000103	0.000916	0.0136	0.00000224	1.74	2.17	0.0107	0.000403	9.77	0.00214	0.00482	0.0000446	0.000107	0.00008	0.078	0.00000207	0.000289	0.0001118	0.00088	
2040 Jun	68.3	0.0268	0.108	0.00279	22.3	0.0353	21.5	0.000969	0.000969	0.00000501	0.00314	0.000594	0.0213	0.00904	0.00000524	8.74	0.00000879	0.000282	0.000104	0.00092	0.0139	0.00000231	1.77	2.2	0.0111	0.000415	9.74	0.0022	0.00491	0.0000465	0.000111	0.0000814	0.0798	0.00000207	0.0003	0.000122	0.000883	
2040 Jul	66.5	0.0259	0.104	0.00272	21.7	0.035	20.8	0.000971	0.000971	0.00000502	0.00311	0.00058	0.0206	0.00896	0.00000524	8.64	0.00000865	0.000277	0.000102	0.000918	0.0139	0.00000225	1.73	2.16	0.0108	0.000402	9.48	0.00214	0.00488	0.0000468	0.000107	0.0000799	0.0777	0.00000207	0.000289	0.00012	0.00088	
2040 Aug	64.8	0.0251	0.1	0.00266	21.1	0.0346	20.1	0.000973	0.000973	0.00000502	0.0031	0.000567	0.02	0.0089	0.00000523	8.57	0.00000851	0.000269	0.000101	0.000912	0.0139	0.00000219	1.7	2.12	0.0104	0.00039	9.26	0.00208	0.00484	0.0000459	0.000104	0.0000784	0.0758	0.00000207	0.000279	0.0001118	0.000878	
2040 Sep	63.4	0.0244	0.0972	0.0026	20.6	0.0343	19.5	0.000975	0.000975	0.00000502	0.0031	0.000553	0.0195	0.00885	0.00000522	8.51	0.00000838	0.00026	0.000101	0.000904	0.0137	0.00000212	1.67	2.08	0.0101	0.000378	9.09	0.00201	0.0048	0.0000448	0.000101	0.0000777	0.0743	0.00000206	0.000269	0.0001115	0.000875	
2040 Oct	62.5	0.024	0.0952	0.00257	20.3	0.0342	19.2	0.000975	0.000975	0.00000502	0.00309	0.000545	0.0192	0.00883	0.00000522	8.48	0.00000831	0.000254	0.000101	0.0009	0.0136	0.00000208	1.65	2.06	0.00994	0.000371	8.98	0.00197	0.0048	0.0000447	0.0000989	0.0000761	0.0733	0.00000206	0.000263	0.000113	0.000873	
2040 Nov	62.6	0.024	0.0955	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000254	0.000101	0.000901	0.0136	0.00000208	1.65	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.000099	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	
2040 Dec	62.6	0.024	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000254	0.000101	0.000901	0.0136	0.00000208	1.65	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.000099	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	
2041 Jan	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000254	0.000101	0.000901	0.0136	0.00000208	1.65	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.000099	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	
2041 Feb	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000254	0.000101	0.000901	0.0136	0.00000208	1.65	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.000099	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	
2041 Mar	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901	0.0136	0.00000208	1.65	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.000099	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	
2041 Apr	62.6	0.0241	0.0956	0.00257	20.3	0.0342	19.2	0.000976	0.000976	0.00000502	0.0031	0.000546	0.0192	0.00883	0.00000522	8.49	0.00000831	0.000255	0.000101	0.000901	0.0136	0.00000208	1.66	2.06	0.00995	0.000372	9	0.00198	0.0048	0.0000447	0.0000991	0.0000762	0.0734	0.00000206	0.000263	0.000113	0.000874	
2041 May	62.9	0.0243	0.0968	0.00259	20.4	0.0343	19.3	0.000976	0.000976	0.00000503	0.0031	0.000548	0.0193	0.00884	0.00000522	8.51	0.00000833	0.000257	0.000101	0.000902	0.0136	0.00000209	1.66	2.07	0.01	0.000373	9.05	0.00199	0.0048	0.0000448	0.0000996	0.0000765	0.0737	0.00000207	0.000264	0.000114	0.000874	
2041 Jun	63.1	0.0244	0.0974	0.0026	20.4	0.0343	19.5	0.000974	0.000974	0.00000502	0.0031	0.000553	0.0195	0.00885	0.00000522	8.52	0.0000084	0.000261	0.000101	0.000905	0.0137	0.00000213	1.67	2.09	0.0101	0.000378	9.03	0.00201	0.00485	0.000045	0.000101	0.0000777	0.0742	0.00000206	0.000268	0.0001115	0.000876	
2041 Jul	62.7	0.024	0.095	0.00258	20.1	0.0343	19.6	0.000972	0.000972	0.00000501	0.00309	0.000554	0.0195	0.00882	0.00000521	8.48	0.00000841	0.000262	0.0000997	0.000905	0.0137	0.00000214	1.67	2.08	0.0101	0.000379	8.88	0.00202	0.00485	0.0000453	0.000101	0.0000777	0.0742	0.00000206	0.00027	0.0001116	0.000875	
2041 Aug	61.3	0.0233	0.0919	0.00252	19.6	0.034	19	0.000975	0.000975	0.00000502	0.00308	0.000542	0.019	0.00877	0.00000521	8.42	0.00000829	0.000255	0.0000991	0.0009	0.0137	0.00000208	1.64	2.04	0.00983	0.000368	8.71	0.00197	0.00482	0.0000447	0.0000984	0.0000757	0.0725	0.00000206	0.00026	0.0001114	0.000874	
2041 Sep	60.3	0.0228	0.0897	0.00248	19.3	0.0338	18.5	0.000976	0.000976	0.00000502	0.00308	0.000532	0.0186	0.00874	0.00000521	8.39	0.00000819	0.000248	0.0000995	0.000894	0.0136	0.00000203	1.62	2.02	0.00961	0.00036	8.59	0.00192	0.00479	0.0000438	0.0000961	0.0000747	0.0714	0.00000206	0.000253	0.0001111	0.000872	
2041 Oct	59.9	0.0227	0.089	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000528	0.0184	0.00873	0.00000521	8.38	0.00000816	0.000245	0.0000997	0.000893	0.0135	0.00000202	1.61	2.01	0.00952	0.000356	8.54	0.0019	0.00479	0.0000438	0.0000953	0.0000743	0.071	0.00000206	0.00025	0.0001111	0.000871	
2041 Nov	60	0.0227	0.0893	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893	0.0135	0.00000202	1.61	2.02	0.00953	0.000357	8.55	0.0019	0.00479	0.0000438	0.0000954	0.0000744	0.0711	0.00000206	0.00025	0.0001111	0.000871	
2041 Dec	60	0.0227	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893	0.0135	0.00000202	1.61	2.02	0.00954	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000954	0.0000744	0.0711	0.00000206	0.000251	0.0001111	0.000871	
2042 Jan	60	0.0228	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893	0.0135	0.00000202	1.61	2.02	0.00954	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000954	0.0000744	0.0711	0.00000206	0.000251	0.0001111	0.000871	
2042 Feb	60	0.0228	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893	0.0135	0.00000202	1.61	2.02	0.00954	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000954	0.0000744	0.0711	0.00000206	0.000251	0.0001111	0.000871	
2042 Mar	60	0.0228	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00873	0.00000521	8.38	0.00000816	0.000246	0.0000997	0.000893	0.0135	0.00000202	1.61	2.02	0.00954	0.000357	8.56	0.0019	0.00479	0.0000438	0.0000954	0.0000744	0.0711	0.00000206	0.000251	0.0001111	0.000871	
2042 Apr	60	0.0228	0.0894	0.00247	19.1	0.0338	18.4	0.000976	0.000976	0.00000502	0.00308	0.000529	0.0185	0.00874	0.00000521	8.38	0.00000817	0.000246	0.0000998	0.000893	0.0135	0.00000202	1.61	2.02	0.00954	0.000357	8.56	0.00191	0.00479	0.0000439	0.0000955	0.0000744	0.0711	0.00000206	0.000251	0.0001111	0.000871	
2042 May	60.1	0.0228	0.0897	0.00248	19.2	0.0338	18.4	0.000977	0.000977	0.00000502	0.00308	0.00053	0.0185	0.00874	0.00000521	8.39	0.00000818	0.000247	0.0000998	0.000894	0.0136	0.00000202	1.62	2.02	0.00956	0.000358	8.57	0.00191	0.00479	0.0000439	0.0000957	0.0000745	0.0713	0.00000206	0.000251	0.0001111	0.000872	
2042 Jun	60	0.0227	0.0888	0.00247	19.1	0.0338	18.5	0.000976	0.000976	0.00000502	0.00308	0.000532	0.0186	0.00874	0.00000521	8.39	0.0000082	0.000248	0.0000994	0.000895	0.0136	0.00000204	1.62	2.02	0.00959	0.00036	8.51	0.00192	0.00482	0.0000441	0.0000962	0.0000747	0.0714	0.00000206	0.000253	0.0001111	0.000872	
2042 Jul	59.4	0.0223	0.0871	0.00245	18.8	0.0337	18.4	0.000976	0.000976	0.00000502	0.00307	0.000529	0.0184	0.00871	0.0000052	8.35	0.00000817	0.000247	0.0000983	0.000895	0.0136	0.00000203	1.61	2.01	0.00952	0.000357	8.39	0.00191	0.00482	0.0000444	0.0000956	0.0000743	0.0709	0.00000206	0.000251	0.0001111	0.000871	
2042 Aug	59	0.0222	0.0865	0.00244	18.6	0.0337	18.3	0.000975	0.000975	0.00000501	0.00307	0.000528	0.0183	0.00869	0.0000052	8.34	0.00000815	0.000247	0.0000981	0.000893	0.0136	0.00000202	1.61	2	0.00947	0.000355	8.32	0.0019	0.0048	0.0000439	0.0000951	0.0000741	0.0706	0.00000206	0.00025	0.0001111	0.00087	
2042 Sep	58.3	0.0219	0.0849	0.00241	18.3	0.0336	18	0.000976	0.000976	0.00000501	0.00307	0.000521	0.0181	0.00867	0.0000052	8.31	0.00000808	0.000242	0.0000985	0.000889	0.0135	0.00000199	1.59	1.99	0.00932	0.00035	8.23	0.00187	0.00478	0.0000432	0.0000935	0.0000734	0.0699	0.00000206	0.000245	0.0001109	0.000869	
2042 Oct	58	0.0217	0.0843	0.00239	18.2	0.0335	17.9	0.000975	0.000975	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.3	0.00000805	0.00024	0.0000986	0.000887	0.0135	0.00000197	1.59	1.98	0.00924	0.000347	8.19	0.00185	0.00478	0.0000432	0.0000928	0.0000731	0.0695	0.00000205	0.000242	0.0001108	0.000868	
2042 Nov	58	0.0218	0.0845	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888	0.0135	0.00000198	1.59	1.98	0.00925	0.000347	8.2	0.00186	0.00478	0.0000432	0.0000929	0.0000731	0.0696	0.00000205	0.000242	0.0001109	0.000868	
2042 Dec	58	0.0218	0.0846	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888	0.0135	0.00000198	1.59	1.98	0.00925	0.000347	8.2	0.00186	0.00478	0.0000432	0.0000929	0.0000731	0.0696	0.00000205	0.000242	0.0001109	0.000868	
2043 Jan	58	0.0218	0.0846	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888	0.0135	0.00000198	1.59	1.98	0.00926	0.000347	8.21	0.00186	0.00478	0.0000432	0.0000929	0.0000731	0.0696	0.00000205	0.000242	0.0001109	0.000868	
2043 Feb	58	0.0218	0.0846	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888	0.0135	0.00000198	1.59	1.98	0.00926	0.000347	8.21	0.00186	0.00478	0.0000432	0.0000929	0.0000731	0.0696	0.00000205	0.000242	0.0001109	0.000868	
2043 Mar	58	0.0218	0.0846	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00866	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888	0.0135	0.00000198	1.59	1.98	0.00926	0.000347	8.21	0.00186	0.00478	0.0000432	0.0000929	0.0000731	0.0696	0.00000205	0.000242	0.0001109	0.000868	
2043 Apr	58	0.0218	0.0846	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000501	0.00307	0.000518	0.018	0.00867	0.00000519	8.31	0.00000805	0.00024	0.0000987	0.000888	0.0135	0.00000198	1.59	1.98	0.00926	0.000347	8.21	0.00186	0.00478	0.0000432	0.0000929	0.0000731	0.0696	0.00000205	0.000242	0.0001109	0.000868	
2043 May	58.1	0.0218	0.0847	0.0024	18.2	0.0335	17.9	0.000976	0.000976	0.00000502	0.00307	0.000519	0.018	0.00867	0.00000519	8.32	0.00000806	0.00024	0.0000988	0.000889	0.0135	0.00000198	1.59	1.99	0.00928	0.000348	8.21	0.00186	0.00479	0.0000433	0.0000931	0.0000732	0.0697	0.00000206	0.000243	0.0001109	0.000869	
2043 Jun	57.9	0.0217	0.0839	0.00239	18.1	0.0335	17.9	0.000975	0.000975	0.00000501	0.00307	0.00052	0.018	0.00869	0.00000519	8.32	0.00000807	0.000241	0.0000987	0.000888	0.0136	0.00000199	1.59	1.98	0.00934	0.000348	8.16	0.00186	0.00483	0.0000441	0.0000932	0.0000732	0.0697	0.00000205	0.000243	0.00011	0.000869	
2043 Jul	57	0.0213	0.0818	0.00235	17.8	0.0333	17.5	0.000978	0.000978	0.00000502	0.00306	0.000512	0.0176	0.00865	0.0000052	8.28	0.00000808	0.000238	0.0000976	0.000888	0.0136	0.00000196	1.57	1.96	0.00917	0.000341	8.04	0.00183	0.00482	0.0000444	0.0000913	0.0000724	0.0686	0.00000206	0.000237	0.0001109	0.000868	
2043 Aug	56.1	0.0209	0.0799	0.00232	17.5	0.0332	17.1	0.00098	0.00098	0.00000503	0.00305	0.000505	0.0173	0.00862	0.0000052	8.25	0.00000792	0.000234	0.0000972	0.000885	0.0136	0.00000192	1.55	1.94	0.009	0.000334	7.94	0.00179	0.00481	0.000044	0.0000894	0.0000716	0.0675	0.00000206	0.000231	0.0001108	0.000867	
2043 Sep	55.4	0.0205	0.0785	0.00229	17.3	0.033	16.8	0.00098	0.00098	0.00000503	0.00305	0.000498	0.017	0.0086	0.00000519	8.22	0.00000786	0.00023	0.0000975	0.000881	0.0136	0.00000189	1.53	1.92	0.00884	0.000327	7.86	0.00176	0.00479	0.0000434	0.0000878	0.0000709	0.0667	0.00000206	0.000225	0.000106	0.000866	
2043 Oct	55.1	0.0205	0.0781	0.00228	17.2	0.033	16.7	0.00098	0.00098	0.00000503	0.00305	0.000495	0.0169	0.00859	0.00000519	8.21	0.00000783	0.000228	0.0000976	0.00088	0.0135	0.00000187	1.53	1.92	0.00877	0.000325	7.84	0.00174	0.00479	0.0000434	0.0000871	0.0000706	0.0664	0.00000206	0.000223	0.0001106	0.000865	
2043 Nov	55.2	0.0205	0.0785	0.00228	17.2	0.033	16.7	0.00098	0.00098	0.00000502	0.00305	0.000496	0.0169	0.0086	0.00000519	8.22	0.00000784	0.000229	0.0000977	0.000881	0.0135	0.00000188	1.53	1.92	0.00879	0.000326	7.85	0.00175	0.0048	0.0000434	0.0000873	0.0000707	0.0665	0.00000206	0.000223	0.0001106	0.000865	
2043 Dec	55.2	0.0205	0.0785	0.00228	17.2	0.033	16.7	0.00098	0.00098	0.00000503	0.00305	0.000496	0.0169	0.0086	0.00000519	8.22	0.00000784	0.000229	0.0000977	0.000881	0.0135	0.00000188	1.53	1.92	0.00879	0.000326	7.85	0.00175	0.0048	0.0000434	0.0000873	0.0000707	0.0665	0.00000206	0.000223	0.0001106	0.000865	

Appendix D.2-15: TIRI02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	161	0.0595	0.231	0.00657	83.4	0.0143	42.8	2.99E-24	2.32E-25	6.7E-08	0.000625	0.00269	0.0247	0.0037	0.000000744	4.33	0.00000568	0.000311	0.000022	0.000127	0.00085	0.00000237	1.92	2.34	0.0118	0.000705	25	0.0014	0.000118	0.00000505	0.000118	0.000068	0.0982	0.000000252	0.000387	0.0000377	0.000108	1.53E-23
Operation (2026-2036): Mean	36900	73.7	80.8	2.37	24500	0.0511	2270	0.11	0.00718	0.000346	0.0156	0.125	0.916	0.229	0.0000489	1210	0.000364	0.00125	0.00694	0.00255	0.0514	0.0000141	350	98.7	0.244	0.0614	11200	0.0395	0.021	0.00015	0.0177	0.00432	30.9	0.0000347	0.00196	0.00901	0.0278	0.221
Operation (2026-2036): Max	52500	147	158	4.87	35300	0.164	3130	0.234	0.015	0.000499	0.021	0.252	1.27	0.318	0.0000681	1740	0.000512	0.00421	0.00994	0.00338	0.0721	0.0000272	502	135	0.321	0.113	16200	0.0537	0.0298	0.000204	0.0252	0.00837	44.6	0.0000492	0.00722	0.0128	0.0397	0.33
Active Closure (2037-2043): Min																																						
Active Closure (2037-2043): Mean																																						
Active Closure (2037-2043): Max																																						
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan	51600	147	158	4.87	33800	0.0408	3040	0.234	0.015	0.000485	0.0206	0.252	1.26	0.311	0.0000662	1660	0.0005	0.000892	0.00967	0.00322	0.0704	0.0000147	480	129	0.314	0.113	15400	0.0519	0.0286	0.000202	0.0246	0.00837	42.7	0.0000479	0.00159	0.0124	0.0386	0.298
2026 Feb	51500	144	155	4.77	33800	0.0399	3040	0.229	0.0147	0.000485	0.0206	0.247	1.26	0.311	0.0000663	1660	0.0005	0.000868	0.00968	0.00321	0.0704	0.0000146	480	129	0.313	0.111	15400	0.0519	0.0287	0.000201	0.0246	0.00821	42.7	0.000048	0.00154	0.0124	0.0386	0.298
2026 Mar	51500	141	152	4.67	33900	0.0391	3040	0.224	0.0144	0.000486	0.0206	0.242	1.26	0.311	0.0000664	1670	0.0005	0.000845	0.00969	0.00321	0.0704	0.0000145	480	129	0.312	0.109	15400	0.0518	0.0287	0.000201	0.0246	0.00805	42.7	0.000048	0.00151	0.0124	0.0387	0.299
2026 Apr	51500	139	150	4.58	33900	0.0383	3040	0.22	0.0141	0.000486	0.0206	0.238	1.25	0.311	0.0000665	1670	0.0005	0.000823	0.0097	0.0032	0.0704	0.0000143	481	129	0.312	0.107	15400	0.0518	0.0288	0.000201	0.0247	0.0079	42.8	0.0000481	0.00147	0.0125	0.0387	0.3
2026 May	51600	137	147	4.5	34000	0.0376	3050	0.216	0.0139	0.000488	0.0206	0.234	1.25	0.311	0.0000667	1670	0.000501	0.000804	0.00973	0.0032	0.0705	0.0000142	482	129	0.312	0.105	15500	0.0518	0.0288	0.000202	0.0247	0.00777	42.9	0.0000482	0.00143	0.0125	0.0388	0.301
2026 Jun	51400	134	145	4.41	33900	0.0387	3050	0.211	0.0136	0.000486	0.0206	0.229	1.25	0.311	0.0000666	1670	0.0005	0.000837	0.0097	0.00324	0.0706	0.0000144	481	130	0.313	0.103	15400	0.052	0.029	0.000201	0.0247	0.00762	42.8	0.0000481	0.00145	0.0125	0.0387	0.301
2026 Jul	51800	133	144	4.37	34200	0.0393	3070	0.209	0.0134	0.00049	0.0208	0.227	1.26	0.313	0.000067	1680	0.000505	0.000859	0.00978	0.00328	0.0712	0.0000146	485	131	0.316	0.103	15600	0.0525	0.0293	0.000202	0.0249	0.00756	43.1	0.0000484	0.00145	0.0125	0.039	0.304
2026 Aug	52100	131	142	4.32	34400	0.0403	3100	0.206	0.0133	0.000493	0.0209	0.225	1.26	0.315	0.0000673	1690	0.000508	0.000901	0.00983	0.00333	0.0716	0.0000147	488	132	0.318	0.102	15700	0.053	0.0294	0.000203	0.025	0.00749	43.3	0.0000486	0.00146	0.0126	0.0392	0.306
2026 Sep	52400	130	142	4.29	34600	0.0407	3120	0.205	0.0131	0.000496	0.021	0.223	1.27	0.317	0.0000675	1700	0.000511	0.000926	0.0099	0.00336	0.0721	0.0000148	491	133	0.321	0.101	15800	0.0535	0.0296	0.000204	0.0252	0.00744	43.7	0.0000489	0.00145	0.0127	0.0395	0.308
2026 Oct	52500	129	140	4.23	34600	0.0409	3130	0.201	0.0129	0.000497	0.021	0.219	1.27	0.317	0.0000676	1710	0.000512	0.000947	0.00991	0.00338	0.0721	0.0000149	492	134	0.321	0.1	15800	0.0537	0.0296	0.000203	0.0252	0.00733	43.7	0.0000489	0.00144	0.0127	0.0395	0.309
2026 Nov	52400	127	138	4.16	34600	0.0402	3130	0.198	0.0127	0.000497	0.021	0.216	1.27	0.317	0.0000676	1710	0.000512	0.000927	0.00991	0.00337	0.0721	0.0000148	492	134	0.32	0.0986	15800	0.0536	0.0296	0.000203	0.0252	0.00722	43.7	0.0000489	0.00141	0.0127	0.0395	0.31
2026 Dec	52400	125	136	4.09	34600	0.0395	3120	0.195	0.0125	0.000497	0.021	0.213	1.26	0.317	0.0000677	1710	0.000511	0.000907	0.00991	0.00336	0.0721	0.0000147	492	134	0.32	0.0973	15800	0.0535	0.0297	0.000203	0.0252	0.00712	43.7	0.000049	0.00138	0.0127	0.0396	0.31
2027 Jan	52300	123	134	4.02	34600	0.0387	3120	0.191	0.0123	0.000497	0.021	0.209	1.26	0.316	0.0000677	1710	0.000511	0.000885	0.00992	0.00335	0.072	0.0000145	492	134	0.319	0.0959	15800	0.0534	0.0297	0.000203	0.0252	0.007	43.7	0.000049	0.00135	0.0127	0.0396	0.31
2027 Feb	52300	121	131	3.95	34600	0.0379	3120	0.188	0.0121	0.000497	0.0209	0.205	1.26	0.316	0.0000678	1700	0.000511	0.000863	0.00992	0.00334	0.072	0.0000144	492	133	0.318	0.0944	15800	0.0533	0.0297	0.000203	0.0252	0.00688	43.7	0.000049	0.00132	0.0127	0.0396	0.311
2027 Mar	52200	119	129	3.87	34600	0.0372	3110	0.184	0.0119	0.000497	0.0209	0.202	1.25	0.316	0.0000679	1700	0.000511	0.000842	0.00992	0.00333	0.0719	0.0000143	491	133	0.318	0.0931	15800	0.0532	0.0297	0.000203	0.0252	0.00677	43.6	0.000049	0.00129	0.0127	0.0396	0.311
2027 Apr	52200	117	127	3.8	34600	0.0365	3110	0.181	0.0117	0.000498	0.0209	0.198	1.25	0.316	0.0000679	1700	0.00051	0.000822	0.00992	0.00333	0.0719	0.0000142	491	133	0.317	0.0917	15800	0.0532	0.0297	0.000203	0.0252	0.00666	43.6	0.0000491	0.00126	0.0128	0.0396	0.311
2027 May	52300	115	125	3.75	34700	0.0359	3120	0.178	0.0115	0.000499	0.0209	0.195	1.25	0.316	0.0000681	1710	0.000511	0.000804	0.00994	0.00332	0.072	0.0000141	492	133	0.317	0.0906	15800	0.0532	0.0298	0.000203	0.0252	0.00657	43.7	0.0000492	0.00123	0.0128	0.0397	0.312
2027 Jun	52300	113	123	3.65	34700	0.0368	3120	0.173	0.0112	0.000498	0.0209	0.19	1.25	0.316	0.000068	1710	0.000511	0.000847	0.00993	0.00335	0.0719	0.0000142	493	134	0.318	0.0901	15800	0.0534	0.0298	0.000203	0.0252	0.0064	43.7	0.0000491	0.00123	0.0128	0.0396	0.313
2027 Jul	52100	111	122	3.58	34600	0.0376	3120	0.169	0.0109	0.000496	0.0209	0.186	1.25	0.316	0.0000678	1710	0.00051	0.000895	0.0099	0.00337	0.0718	0.0000143	492	135	0.318	0.0891	15800	0.0535	0.0298	0.000202	0.0251	0.00627	43.6	0.0000489	0.00122	0.0127	0.0395	0.313
2027 Aug	51900	109	119	3.5	34500	0.0373	3110	0.165	0.0107	0.000494	0.0208	0.182	1.24	0.314	0.0000674	1700	0.000508	0.000893	0.00986	0.00336	0.0715	0.0000142	490	134	0.317	0.0878	15700	0.0533	0.0296	0.0002	0.025	0.00615	43.5	0.0000487	0.0012	0.0127	0.0394	0.312
2027 Sep	51500	107	117	3.42	34300	0.0375	3100	0.16	0.0104	0.00049	0.0206	0.177	1.23	0.312	0.0000667	1690	0.000504	0.000922	0.00978	0.00335	0.0709	0.0000142	487	134	0.315	0.0863	15600	0.053	0.0294	0.000198	0.0248	0.00601	43.1	0.0000483	0.00118	0.0126	0.039	0.31
2027 Oct	51300	105	115	3.35	34100	0.0373	3090	0.157	0.0102	0.000488	0.0205	0.174	1.22	0.311	0.0000664	1680	0.000502	0.000932	0.00974	0.00335	0.0706	0.0000141	485	134	0.313	0.0849	15600	0.0528	0.0293	0.000197	0.0247	0.0059	43	0.0000481	0.00116	0.0125	0.0389	0.309
2027 Nov	51300	103	114	3.3	34100	0.0367	3080	0.154	0.0101	0.000489	0.0205	0.171	1.22	0.311	0.0000665	1680	0.000502	0.000912	0.00975	0.00334	0.0706	0.000014	485	133	0.313	0.0839	15600	0.0528	0.0293	0.000197	0.0247	0.00582	43	0.0000481	0.00114	0.0125	0.0389	0.309
2027 Dec	51300	102	112	3.25	34100	0.0361	3080	0.152	0.00992	0.000489	0.0205	0.169	1.22	0.311	0.0000666	1680	0.000501	0.000892	0.00975	0.00333	0.0706	0.0000139	485	133	0.312	0.0828	15600	0.0527	0.0293	0.000197	0.0248	0.00574	43	0.0000482	0.00112	0.0125	0.0389	0.31
2028 Jan	51300	100	110	3.2	34200	0.0354	3080	0.15	0.00977	0.000489	0.0205	0.166	1.22	0.311	0.0000667	1680	0.000501	0.000871	0.00976	0.00332	0.0706	0.0000138	486	133	0.312	0.0819	15600	0.0526	0.0293	0.000197	0.0248	0.00567	43	0.0000482	0.00109	0.0126	0.039	0.31
2028 Feb	51400	99.1	109	3.15	34200	0.0348	3090	0.148	0.00962	0.000489	0.0205	0.164	1.22	0.311	0.0000668	1690	0.000501	0.00085	0.00977	0.00331	0.0706	0.0000137	487	133	0.312	0.0811	15600	0.0526	0.0293	0.000197	0.0248	0.0056	43.1	0.0000483	0.00107	0.0126	0.039	0.311
2028 Mar	51400	97.9	108	3.11	34300	0.0341	3090	0.145	0.00949	0.00049	0.0205	0.162	1.22	0.312	0.0000668	1690	0.000501	0.00083	0.00977	0.0033	0.0705	0.0000136	488	133	0.312	0.0803	15700	0.0525	0.0294	0.000198	0.0248	0.00554	43.2	0.0000483	0.00105	0.0126	0.039	0.312
2028 Apr	51500	96.7	106	3.07	34400	0.0336	3090	0.143	0.00936	0.00049	0.0204	0.16	1.22	0.312	0.0000669	1690	0.000501	0.000811	0.00978	0.0033	0.0705	0.0000135	488	134	0.312	0.0796	15700	0.0524	0.0294	0.000198	0.0248	0.00548	43.3	0.0000483	0.00103	0.0126	0.039	0.313
2028 May	51600	95.7	105	3.03	34400	0.033	3100	0.142	0.00924	0.00049	0.0204	0.158	1.22	0.313	0.0000669	1690	0.000502	0.000793	0.00979	0.00329	0.0706	0.0000134	489	134	0.312	0.0789	15700	0.0524	0.0294	0.000198	0.0248	0.00543	43.4	0.0000484	0.00101	0.0126	0.0391	0.314
2028 Jun	51400	94.4	104	2.98	34400	0.0329	3090	0.137	0.00901	0.000488	0.0204	0.154	1.21	0.312	0.0000669	1690	0.000499	0.000792	0.00975	0.00328	0.0703	0.0000134	488	134	0.311	0.0787	15700	0.0522	0.0294	0.000197	0.0247	0.00529	43.3	0.0000483	0.000987	0.0126	0.0389	0.314
2028 Jul	50900	92.3	102	2.9	34000	0.0328	3060	0.131	0.00871	0.000482	0.0201	0.148	1.2	0.308	0.0000664	1680	0.000493	0.000793	0.00964	0.00326	0.0695	0.0000133	483	133	0.308	0.0777	15500	0.0517	0.0291	0.000195	0.0244	0.00511	42.8	0.0000477	0.000963	0.0125	0.0385	0.311
2028 Aug	50200	89.6	98.7	2.81	33600	0.0317	3020	0.126	0.00839	0.000476	0.0198	0.142	1.18	0.305	0.0000656	1660	0.000486	0.000762	0.00951	0.00321	0.0685	0.000013	478	131	0.304	0.0758	15300	0.0509	0.0288	0.000193	0.024	0.00494	42.3	0.0000471	0.000922	0.0123	0.038	0.307
2028 Sep	48500	83.6	92.4	2.6	32500	0.0312	2930	0.115	0.00771	0.000459	0.0192	0.131	1.14	0.295	0.0000636	1600	0.000469	0.00076	0.00917	0.00311	0.066	0.0000126	462	127	0.295	0.0716	14800	0.0492	0.0278	0.000187	0.0232	0.00458	40.9	0.0000455	0.000882	0.0119	0.0367	0.298
2028 Oct	46700	71	79.8	2.18	31400	0.0333	2840	0.093	0.00634	0.000438	0.0184	0.109	1.1	0.284	0.0000618	1550	0.000448	0.000856	0.00878	0.00305	0.0632	0.0000126	447	125	0.287	0.063	14300	0.0476	0.0269	0.000181	0.0221	0.00393	39.5	0.0000436	0.000872	0.0115	0.0351	0.29
2028 Nov	48500	65.9	73.4	1.99	32700	0.0276	2930	0.0854	0.00581	0.000453	0.0188	0.102	1.12	0.295	0.0000638	1610	0.000461	0.000662	0.00908	0.00304	0.0648	0.000012	465	128	0.293	0.0598	14900	0.0481	0.0277	0.000185	0.0228	0.00373	41.1	0.0000452	0.000702	0.012	0.0363	0.303
2028 Dec	49600	62.8	69.6	1.87	33500	0.0241	2990	0.0809	0.0055	0.000462	0.019	0.0977	1.14	0.302	0.000065	1650	0.000469	0.000542	0.00926	0.00303	0.0659	0.0000116	476	130	0.296	0.0579	15300	0.0485	0.0281	0.000188	0.0232	0.00362	42.2	0.0000461	0.000594	0.0122	0.037	0.312
2029 Jan	50400	60.9	67.2	1.8	34100	0.0218	3030	0.0787	0.00534	0.000468	0.0192	0.096	1.15	0.307	0.0000659	1680	0.000474	0.000463	0.00938	0.00303	0.0665	0.0000113	484	131	0.299	0.0573	15600	0.0488	0.0284	0.00019	0.0235	0.00358	42.9	0.0000468	0.000523	0.0124	0.0375	0.317
2029 Feb	51000	59.7	65.6	1.75	34500	0.0203	3060	0.078	0.00529	0.000472	0.0193	0.0958	1.17	0.311	0.0000664	1700	0.000477	0.000411	0.00946	0.00302	0.067	0.0000112	490	132	0.301	0.0575	15800	0.0489	0.0286	0.000191	0.0237	0.0036	43.5	0.0000472	0.000476	0.0125	0.0378	0.322
2029 Mar	51400	58.7	64.4	1.71	34800	0.0191	3080	0.0774	0.00525	0.000476	0.0194	0.0957	1.17	0.314	0.0000668	1710	0.00048	0.000371	0.00952	0.00302	0.0673	0.000011	495	133	0.303	0.0577	15900	0.049	0.0288	0.000192	0.0239	0.00361	43.9	0.0000475	0.00044	0.0126	0.0381	0.325
2029 Apr	51800	57.9	63.4	1.68	35100	0.0181	3100	0.0769	0.00521	0.000478	0.0195	0.0956	1.18	0.316	0.0000672	1730	0.000482	0.000338	0.00957	0.00302	0.0676	0.0000109	498	134	0.305	0.0579	16000	0.0492	0.0289	0.000193	0.024	0.00362	44.2	0.0000478	0.00041	0.0127	0.0383	0.328
2029 May	52200	57.3	62.7	1.66	35300	0.0174	3120	0.0766	0.00518	0.000481	0.0195	0.0956	1.19	0.318	0.0000675	1740	0.000484	0.000311	0.00962	0.00302	0.0679	0.0000108	502	135	0.306	0.058	16200	0.0493	0.029	0.000194	0.0241	0.00363	44.6	0.000048	0.000387	0.0128	0.0385	0.33
2029 Jun	51800	61.6	67.8	1.77	35100	0.0188	3110	0.0709	0.0051	0.000479	0.0195	0.0913	1.18	0.316	0.0000674	1730	0.000482	0.000385	0.00959	0.00304	0.0678	0.000011	499	135	0.305	0.0616	16000	0.0493	0.0291	0.000194	0.024	0.00352	44.2	0.0000479	0.000399	0.0127	0.0384	0.328
2029 Jul	37900	48.4	54.8	1.39	25600	0.03	2320	0.0474	0.00367	0.000349	0.0149	0.0642	0.883	0.233	0.0000508	1260	0.000358	0.000744	0.00703	0.00247	0.0507	0.0000107	365	103	0.236	0.0484	11700	0.0382	0.0221	0.000148	0.0176	0.00257	32.2	0.0000352	0.000805	0.0094	0.0282	0.239
2029 Aug	572	0.454	0.818	0.022	339	0.0266	96	0.000336	0.0000261	0.00000264	0.00127	0.00368	0.0521	0.00853	0.00000174	17.1	0.00000131	0.000683	0.0000914	0.000253	0.00194	0.00000446	6.19	5.07	0.0236	0.00165	131	0.00286	0.000378	0.0000104	0.000345	0.000144	0.414	0.00000721	0.00117	0.000138	0.000403	0.00173
2029 Sep	240	0.0886	0.344	0.00978	124	0.0212	63.6	5.7E-08	4.42E-09	0.0000001	0.00093	0.00303	0.0367	0.0055	0.00000111	6.44	0.00000846	0.000545	0.0000328	0.000189	0.00127	0.00000352	2.86	3.48	0.0176	0.00105	37.2	0.00208	0.000176	0.00000752	0.000176	0.000101	0.146	0.00000376	0.000933	0.0000562	0.000161	0.000000293
2029 Oct	747	0.275	1.07	0.0304	386	0.066	198	8.51E-11	6.6E-12	0.00000031	0.00289	0.00523	0.114	0.0171	0.00000344	20	0.0000263	0.00169	0.000102	0.000589	0.00394	0.0000109	8.89	10.8	0.0547	0.00326	116	0.00646	0.000547	0.0000234	0.000546	0.000314	0.454	0.00000117	0.0029	0.000175	0.0005	4.37E-10
2029 Nov	1600	0.591	2.3	0.0653	829	0.142	425	5.26E-11	4.08E-12	6.66E-07	0.00621	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2029 Dec	1600	0.591	2.3	0.0653	829	0.142	425	5.27E-11	4.08E-12	6.66E-07	0.00622	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2030 Jan	1600	0.591	2.3	0.0653	829	0.142	425	5.27E-11	4.08E-12	6.66E-07	0.00622	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2030 Feb	1600	0.592	2.3	0.0653	829	0.142	425	5.27E-11	4.08E-12	6.66E-07	0.00622	0.00867	0.245	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00126	0.00847	0.0000235	19.1	23.2	0.118	0.00701	248	0.0139	0.00118	0.0000502	0.00117	0.000675	0.976	0.00000251	0.00623	0.000375	0.00107	2.7E-10
2030 Mar	1600	0.592	2.3	0.0653	829	0.142	425	5.27E-11	4.09E-12	6.66E-07	0.00622	0.00868	0.246	0.0368	0.00000739	43	0.0000565	0.00364	0.000219	0.00127	0.00847	0.0000235	19.1	23.2	0.118	0.00701	249	0.0139	0.00118	0.0000502	0.00117	0.000676	0.976	0.00000251	0.00624	0.000375	0.00107	2.7E-10
2030 Apr	1610	0.592	2.3	0.0654	830	0.142	425	5.27E-11	4.09E-12	6.67E-07	0.00622	0.00868	0.246	0.0368	0.0000074	43.1	0.0000565	0.00364	0.000219	0.00127	0.00847	0.0000235	19.1	23.3	0.118	0.00702	249	0.0139	0.00118	0.0000503	0.00117	0.000676	0.977	0.00000251	0.00624	0.000375	0.00108	2.7E-10
2030 May	1610	0.595	2.31	0.0657	834	0.143	428	5.3E-11	4.11E-12	0.00000067	0.00625	0.0382	0.247	0.037	0.00000744	43.3	0.0000568	0.00366	0.00022	0.00127	0.00852	0.0000237	19.2	23.4	0.118	0.00705	250	0.014	0.00118	0.0000505	0.00118	0.00068	0.982	0.00000252	0.00627	0.000377	0.00108	2.72E-10
2030 Jun	1860	0.685	2.66	0.0756	960	0.164	492	2.35E-11	1.82E-12	7.71E-07	0.0072	0.04	0.284	0.0426	0.00000856	49.8	0.0000654	0.00421	0.000254	0.00146	0.0098	0.0000272	22.1	26.9	0.136	0.00812	288	0.0161	0.00136	0.0000581	0.00136	0.000782	1.13	0.00000291	0.00722	0.000434	0.00124	1.21E-10
2030 Jul	390	0.144	0.559	0.0159	201	0.0344	103	5.57E-14	4.32E-15	1.62E-07	0.00151	0.00382	0.0597	0.00894	0.0000018	10.5	0.0000137	0.000884	0.0000532	0.000307	0.00206	0.00000572	4.64	5.65	0.0286	0.0017	60.4	0.00337	0.000286	0.0000122	0.000285	0.000164	0.237	0.00000061	0.00152	0.0000912	0.000261	2.86E-13

Appendix D.2-15: TIRI02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	161	0.0595	0.231	0.00657	83.4	0.0143	42.8	2.99E-24	2.32E-25	6.7E-08	0.000625	0.00269	0.0247	0.0037	0.000000744	4.33	0.00000568	0.000311	0.000022	0.000127	0.00085	0.00000237	1.92	2.34	0.0118	0.000705	25	0.0014	0.000118	0.00000505	0.000118	0.000068	0.0982	0.000000252	0.000387	0.0000377	0.000108	1.53E-23
Operation (2026-2036): Mean	36900	73.7	80.8	2.37	24500	0.0511	2270	0.11	0.00718	0.000346	0.0156	0.125	0.916	0.229	0.0000489	1210	0.000364	0.00125	0.00694	0.00255	0.0514	0.0000141	350	98.7	0.244	0.0614	11200	0.0395	0.021	0.00015	0.0177	0.00432	30.9	0.0000347	0.00196	0.00901	0.0278	0.221
Operation (2026-2036): Max	52500	147	158	4.87	35300	0.164	3130	0.234	0.015	0.000499	0.021	0.252	1.27	0.318	0.0000681	1740	0.000512	0.00421	0.00994	0.00338	0.0721	0.0000272	502	135	0.321	0.113	16200	0.0537	0.0298	0.000204	0.0252	0.00837	44.6	0.0000492	0.00722	0.0128	0.0397	0.33
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Appendix D.2-15: TIRI02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	161	0.0595	0.231	0.00657	83.4	0.0143	42.8	2.99E-24	2.32E-25	6.7E-08	0.000625	0.00269	0.0247	0.0037	0.000000744	4.33	0.00000568	0.000311	0.000022	0.000127	0.00085	0.00000237	1.92	2.34	0.0118	0.000705	25	0.0014	0.000118	0.00000505	0.000118	0.000068	0.0982	0.000000252	0.000387	0.0000377	0.000108	1.53E-23
Operation (2026-2036): Mean	36900	73.7	80.8	2.37	24500	0.0511	2270	0.11	0.00718	0.000346	0.0156	0.125	0.916	0.229	0.0000489	1210	0.000364	0.00125	0.00694	0.00255	0.0514	0.0000141	350	98.7	0.244	0.0614	11200	0.0395	0.021	0.00015	0.0177	0.00432	30.9	0.0000347	0.00196	0.00901	0.0278	0.221
Operation (2026-2036): Max	52500	147	158	4.87	35300	0.164	3130	0.234	0.015	0.000499	0.021	0.252	1.27	0.318	0.0000681	1740	0.000512	0.00421	0.00994	0.00338	0.0721	0.0000272	502	135	0.321	0.113	16200	0.0537	0.0298	0.000204	0.0252	0.00837	44.6	0.0000492	0.00722	0.0128	0.0397	0.33
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Appendix D.2-16: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.839	0.00113	0.00566	0.0000719	0.343	0.000201	0.232	0.0000016	0.0000016	3.65E-09	0.00000807	0.00000563	0.000347	0.0000207	5.58E-09	0.0508	6.08E-08	0.00000845	0.000000454	0.00000468	0.00000978	2.65E-08	0.012	0.0275	0.000133	0.00000495	0.161	0.0000303	0.00000133	3.41E-08	0.00000149	0.000000663	0.000735	1.77E-09	0.00000297	0.00000107	0.00000171	
Operation (2026-2036): Mean	2650	2.87	14.9	0.202	1230	0.407	596	0.000218	0.000218	0.00000831	0.0193	0.0133	0.697	0.0573	0.0000146	105	0.000146	0.0155	0.00102	0.00944	0.03	0.0000622	31.3	55.8	0.306	0.0126	596	0.0683	0.0117	0.000104	0.00346	0.00156	1.84	0.00000483	0.00872	0.00237	0.00403	
Operation (2026-2036): Max	7480	10.4	56.9	0.661	3260	1.33	1530	0.000423	0.000423	0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031	0.0656	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.0221	0.000267	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	
Active Closure (2037-2043): Min	35.7	0.0255	0.119	0.00208	13.4	0.00678	12.1	0.000022	0.000022	2.62E-07	0.000516	0.000277	0.0108	0.00174	0.00000041	2.1	0.0000032	0.000208	0.0000251	0.000164	0.00219	0.00000137	0.667	0.921	0.00671	0.000255	5.59	0.00124	0.00135	0.0000113	0.000068	0.0000307	0.0383	0.000000148	0.000196	0.0000585	0.000119	
Active Closure (2037-2043): Mean	158	0.123	0.608	0.00958	65.7	0.0255	46.6	0.0000459	0.0000459	6.98E-07	0.00158	0.001	0.0421	0.00546	0.0000127	7.19	0.0000112	0.000819	0.0000812	0.000597	0.00469	0.00000471	2.51	3.5	0.0234	0.000983	28.8	0.00475	0.0027	0.0000233	0.000251	0.000115	0.143	0.0000044 2	0.000752	0.000183	0.000333	
Active Closure (2037-2043): Max	1640	1.41	7.17	0.104	707	0.261	451	0.000354	0.000354	0.00000616	0.0147	0.00963	0.435	0.0467	0.0000115	68.9	0.000106	0.00876	0.000716	0.006	0.0401	0.0000449	23.9	35.4	0.215	0.00955	329	0.0471	0.0221	0.000205	0.00243	0.00112	1.37	0.00000394	0.00712	0.00161	0.00293	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan																																						
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2026 Mar	0.839	0.00113	0.00566	0.0000719	0.343	0.000201	0.232			3.65E-09	0.00000807	0.00000563	0.000347	0.0000207	5.58E-09	0.0508	6.08E-08	0.00000845	0.000000454	0.00000468	0.00000978	2.65E-08	0.012	0.0275	0.000133	0.00000495	0.161	0.0000303	0.00000133	3.41E-08	0.00000149	0.000000663	0.000735	1.77E-09	0.00000297	0.00000107	0.00000171	
2026 Apr	2.66	0.00359	0.0179	0.000228	1.09	0.000635	0.734			1.16E-08	0.0000255	0.0000178	0.0011	0.0000655	1.77E-08	0.161	1.93E-07	0.0000268	0.00000144	0.0000148	0.000031	0.000000084	0.0382	0.087	0.00042	0.0000157	0.509	0.0000961	0.0000042	1.08E-07	0.00000473	0.0000021	0.00233	5.6E-09	0.00000941	0.00000339	0.00000541	
2026 May	66.7	0.0902	0.45	0.00572	27.3	0.0159	18.4			0.00000029	0.000641	0.000448	0.0276	0.00164	0.000000444	4.04	0.00000484	0.000671	0.0000361	0.000372	0.000777	0.00000211	0.958	2.18	0.0105	0.000394	12.8	0.00241	0.000105	0.00000271	0.000119	0.0000527	0.0584	0.00000014	0.000236	0.000085	0.000136	
2026 Jun	560	0.757	3.78	0.048	229	0.134	155			0.00000243	0.00538	0.00376	0.232	0.0138	0.00000372	33.9	0.0000406	0.00564	0.000303	0.00313	0.00653	0.0000177	8.04	18.3	0.0885	0.0033	107	0.0202	0.000885	0.0000227	0.000996	0.000442	0.491	0.00000118	0.00198	0.000713	0.00114	
2026 Jul	694	0.939	4.69	0.0596	284	0.166	192			0.00000302	0.00668	0.00467	0.288	0.0171	0.00000462	42.1	0.0000504	0.007	0.000376	0.00388	0.0081	0.0000022	9.98	22.7	0.11	0.0041	133	0.0251	0.0011	0.0000282	0.00124	0.000549	0.609	0.00000146	0.00246	0.000885	0.00141	
2026 Aug	1110	1.5	7.5	0.0953	455	0.266	307			0.00000483	0.0107	0.00746	0.46	0.0274	0.00000739	67.3	0.0000886	0.0112	0.000601	0.00621	0.013	0.0000351	16	36.4	0.176	0.00656	213	0.0402	0.00176	0.0000451	0.00198	0.000878	0.974	0.00000234	0.00394	0.00142	0.00226	
2026 Sep	1460	1.98	9.86	0.125	598	0.349	404			0.00000635	0.0141	0.00982	0.605	0.036	0.00000972	88.5	0.0000106	0.0147	0.000791	0.00816	0.017	0.0000462	21	47.8	0.231	0.00862	280	0.0529	0.00231	0.0000593	0.0026	0.00115	1.28	0.00000308	0.00518	0.00186	0.00298	
2026 Oct	2090	2.83	14.1	0.179	856	0.5	578			0.00000909	0.0201	0.014	0.866	0.0515	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000661	30	68.4	0.331	0.0123	400	0.0756	0.00331	0.0000849	0.00372	0.00165	1.83	0.0000044	0.00741	0.00267	0.00426	
2026 Nov	2090	2.83	14.1	0.18	857	0.501	579			0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	
2026 Dec	2090	2.83	14.1	0.18	857	0.501	579			0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	
2027 Jan	2090	2.83	14.1	0.18	857	0.501	579			0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	
2027 Feb	2090	2.83	14.1	0.18	857	0.501	579			0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	
2027 Mar	2090	2.83	14.1	0.18	857	0.501	579			0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	
2027 Apr	2090	2.83	14.1	0.18	857	0.501	579			0.00000911	0.0202	0.0141	0.868	0.0516	0.0000139	127	0.000152	0.0211	0.00113	0.0117	0.0244	0.0000662	30.1	68.6	0.331	0.0124	401	0.0758	0.00331	0.0000851	0.00373	0.00166	1.84	0.00000441	0.00742	0.00267	0.00427	
2027 May	2320	3.15	15.9	0.2	958	0.534	617			0.00000971	0.0215	0.015	0.924	0.055	0.0000148	135	0.000162	0.0225	0.00121	0.0125	0.026	0.0000706	32.1	73.1	0.353	0.0132	467	0.0807	0.00353	0.0000907	0.00397	0.00176	1.96	0.0000047	0.00791	0.00285	0.00455	
2027 Jun	3140	4.32	22.5	0.274	1330	0.655	757			0.0000119	0.0263	0.0184	1.13	0.0675	0.0000182	166	0.000199	0.0276	0.00148	0.0153	0.0319	0.0000866	39.4	89.7	0.433	0.0162	712	0.0991	0.00433	0.000111	0.00487	0.00217	2.4	0.00000577	0.0097	0.00349	0.00558	
2027 Jul	3240	4.47	23.4	0.284	1380	0.67	775			0.0000122	0.027	0.0188	1.16	0.0691	0.0000187	170	0.000203	0.0282	0.00152	0.0157	0.0327	0.0000886	40.3	91.8	0.443	0.0165	743	0.101	0.00443	0.000114	0.00499	0.00222	2.46	0.0000059	0.00993	0.00357	0.00571	
2027 Aug	3600	4.97	26.2	0.316	1540	0.722	835			0.0000131	0.029	0.0203	1.25	0.0744	0.0000201	183	0.000219	0.0304	0.00163	0.0169	0.0352	0.0000955	43.4	98.9	0.477	0.0178	848	0.109	0.00477	0.000123	0.00537	0.00239	2.65	0.00000636	0.0107	0.00385	0.00615	
2027 Sep	4740	6.6	35.4	0.419	2050	0.891	1030			0.0000162	0.0358	0.025	1.54	0.0918	0.0000248	226	0.00027	0.0375	0.00202	0.0208	0.0434	0.000118	53.5	122	0.589	0.022	1190	0.135	0.00589	0.000151	0.00663	0.00294	3.27	0.00000785	0.0132	0.00475	0.00759	
2027 Oct	5340	7.47	40.3	0.474	2330	0.98	1130			0.0000178	0.0394	0.0275	1.7	0.101	0.0000273	248	0.000297	0.0413	0.00222	0.0229	0.0478	0.00013	58.9	134	0.648	0.0242	1370	0.148	0.00648	0.000166	0.00729	0.00324	3.59	0.00000863	0.0145	0.00522	0.00835	
2027 Nov	5400	7.54	40.7	0.479	2350	0.988	1140			0.0000018	0.0397	0.0278	1.71	0.102	0.0000275	250	0.0003	0.0416	0.00224	0.0231	0.0482	0.000131	59.4	135	0.653	0.0244	1380	0.149	0.00653	0.000168	0.00735	0.00327	3.62	0.0000087	0.0146	0.00527	0.00842	
2027 Dec	5430	7.58	40.9	0.481	2370	0.992	1150			0.0000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	
2028 Jan	5430	7.58	40.9	0.481	2370	0.992	1150			0.0000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	
2028 Feb	5430	7.58	40.9	0.481	2370	0.992	1150			0.0000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	
2028 Mar	5430	7.58	40.9	0.481	2370	0.992	1150			0.0000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	
2028 Apr	5430	7.58	40.9	0.481	2370	0.992	1150			0.0000018	0.0399	0.0279	1.72	0.102	0.0000276	251	0.000301	0.0418	0.00224	0.0232	0.0484	0.000131	59.6	136	0.656	0.0245	1390	0.15	0.00656	0.000168	0.00738	0.00328	3.64	0.00000874	0.0147	0.00529	0.00845	
2028 May	5440	7.59	41	0.482	2370	0.993	1150			0.0000181	0.04	0.0279	1.72	0.102	0.0000276	252	0.000301	0.0418	0.00225	0.0232	0.0484	0.000131	59.7	136	0.657	0.0245	1400	0.15	0.00657	0.000169	0.00739	0.00328	3.64	0.00000875	0.0147	0.0053	0.00846	
2028 Jun	5730	8	43.3	0.508	2500	1.04	1200			0.0000189	0.0419	0.0293	1.8	0.107	0.000029	264	0.000316	0.0439	0.00236	0.0243	0.0508	0.000138	62.6	143	0.688	0.0257	1480	0.158	0.00688	0.000177	0.00775	0.00344	3.82	0.00000917	0.0154	0.00555	0.00887	
2028 Jul	5900	8.24	44.6	0.523	2570	1.07	1240			0.0000195	0.043	0.0301	1.85	0.11	0.0000298	271	0.000324	0.0451	0.00242	0.025	0.0522	0.000141	64.3	146	0.707	0.0264	1530	0.162	0.00707	0.000182	0.00796	0.00354	3.92	0.00000942	0.0159	0.0057	0.00911	
2028 Aug	6010	8.39	45.5	0.533	2620	1.09	1260			0.0000198	0.0437	0.0305	1.88	0.112	0.0000302	275	0.00033	0.0458	0.00246	0.0254	0.053	0.000144	65.3	149	0.719	0.0268	1560	0.164	0.00719	0.000185	0.00809	0.00359	3.98	0.00000957	0.0161	0.00579	0.00926	
2028 Sep	6360	8.87	48.2	0.563	2770	1.14	1320			0.0000208	0.046	0.0322	1.98	0.118	0.0000318	290	0.000347	0.0482	0.00259	0.0267	0.0558	0.000151	68.8	157	0.756	0.0282	1660	0.173	0.00756	0.000194	0.00852	0.00378	4.19	0.0000101	0.017	0.0061	0.00975	
2028 Oct	7410	10.3	56.3	0.655	3230	1.31	1520			0.0000239	0.0529	0.0369	2.28	0.136	0.0000366	333	0.000399	0.0554	0.00298	0.0307	0.0641	0.000174	79	180	0.869	0.0325	1960	0.199	0.00869	0.000223	0.00979	0.00435	4.82	0.0000116	0.0195	0.00701	0.0112	
2028 Nov	7480	10.4	56.9	0.661	3260	1.33	1530			0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031	0.0647	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.00877	0.000225	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	
2028 Dec	7480	10.4	56.9	0.661	3260	1.33	1530			0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031	0.0647	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.00877	0.000225	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	
2029 Jan	7470	10.4	56.8	0.66	3260	1.32	1530	0.0000016	0.0000016	0.0000241	0.0533	0.0372	2.29	0.137	0.0000369	336	0.000402	0.0558	0.003	0.0309	0.0649	0.000175	79.6	181	0.876	0.0327	1980	0.2	0.00887	0.000227	0.00986	0.00438	4.86	0.0000117	0.0196	0.00706	0.0113	
2029 Feb	7450	10.4	56.7	0.659	3250	1.32	1530	0.0000039	0.0000039	0.0000241	0.0532	0.0371	2.29	0.136	0.0000368	335	0.000401	0.0557	0.003	0.0309	0.0652	0.000175	79.4	181	0.874	0.0326	1980	0.2	0.00901	0.000228	0.00983	0.00437	4.85	0.0000116	0.0196	0.00705	0.0113	
2029 Mar	7440	10.4	56.6	0.658	3250	1.32	1530	0.0000054 3	0.0000054 3	0.000024	0.0531	0.0371	2.29	0.136	0.0000367	335	0.0004	0.0556	0.00299	0.0308	0.0654	0.000175	79.3	181	0.873	0.0326	1970	0.2	0.0091	0.000229	0.00982	0.00436	4.84	0.0000116	0.0196	0.00705	0.0113	
2029 Apr	7440	10.4	56.6	0.658	3250	1.32	1520	0.0000065 7	0.0000065 7	0.000024	0.0531	0.0371	2.28	0.136	0.0000367	335	0.0004	0.0556	0.00299	0.0308	0.0656	0.000174	79.3	181	0.873	0.0326	1970	0.2	0.00918	0.00023	0.00982	0.00436	4.84	0.0000116	0.0195	0.00705	0.0112	
2029 May	7420	10.3	56.5	0.656	3240	1.31	1520	0.0000073 1	0.0000073 1	0.0000239	0.0529	0.0369	2.27	0.136	0.0000366	333	0.000399	0.0553	0.00298	0.0307	0.0654	0.000174	78.9	180	0.87	0.0324	1970	0.199	0.00919	0.00023	0.00978	0.00434	4.82	0.0000116	0.0195	0.00702	0.0112	
2029 Jun	4910	6.54	35.6	0.423	2180	0.83	1000	0.0000217	0.000217	0.0000162	0.0355	0.024	1.43	0.0923	0.0000249	212	0.000263	0.0343	0.001593	0.0194	0.0506	0.000114	52.2	114	0.563	0.0213	1280	0.128	0.0155	0.0010173	0.00635	0.00282	3.16	0.00000894	0.0132	0.00458	0.00763	
2029 Jul	1900	1.06	4.43	0.109	1000	0.186	447	0.000173	0.000173	0.0000455	0.012	0.00866	0.316	0.0444	0.0000106	49.6	0.000097	0.00503	0.00059	0.00421	0.0201	0.0000393	23.7	26.1	0.19	0.00926	321	0.041	0.00966	0.0000814	0.00221	0.00102	1.31	0.0000037	0.0077	0.00136	0.0026	
2029 Aug	2120	1.34	5.93	0.127	1110	0.215	489	0.000113	0.000113	0.0000048	0.0128	0.00955	0.367	0.0476	0.0000113	56.8	0.000106	0.0062	0.000657	0.00487	0.019	0.0000431	25.9	30.1	0.211	0.0102	381	0.0459	0.00711	0.0000793	0.00244	0.00113	1.44	0.0000039	0.00829	0.00149	0.00273	
2029 Sep	2270	1.55	7.15	0.141	1180	0.236	513	0.0000848	0.0000848	0.0000506	0.0135	0.0101	0.405	0.0495	0.0000117	62.1	0.000112	0.00712	0.000703	0.00537	0.0189	0.0000456	27.1	33.1	0.225	0.0107	426	0.0491	0.00621	0.0000787	0.0026	0.0012	1.51	0.00000403	0.0086	0.00159	0.00285	
2029 Oct	2340	1.72	8.17	0.15	1200	0.251	520	0.0000924	0.0000924	0.0000534	0.0141	0.0104	0.43	0.0502	0.000012	65.9	0.000114	0.00783	0.000731	0.00572	0.02	0.000047	27.5	35	0.232	0.0108	457	0.0507	0.00707	0.0000784	0.00266	0.00123	1.54	0.0000041	0.0086	0.00166	0.00294	
2029 Nov	2130	1.57	7.34	0.136	1100	0.232	474	0.000172	0.000172	0.0000528	0.0136	0.00956	0.39	0.0473	0.0000113	61.1	0.000105	0.00708	0.000675	0.00527	0.0224	0.0000436	25.1	31.9	0.211	0.00993	414	0.0462	0.0117	0.0000723	0.00242	0.00112	1.41	0.00000391	0.00785	0.00152	0.00276	
2029 Dec	2120	1.56	7.32	0.135	1090	0.23	470	0.0000181	0.000181	0.0000053	0.0135	0.00949	0.388	0.047	0.0000113	60.9	0.000105	0.00705	0.000671	0.00525	0.0227	0.0000434	24.9	31.7	0.21	0.00984	412	0.0458	0.0121	0.0000718	0.0024	0.00111	1.4	0.00000389	0.00778	0.00151	0.00275	
2030 Jan	2110	1.55	7.29	0.135	1080	0.23	468	0.0000183	0.0000183	0.0000529	0.0135	0.00946	0.386	0.047	0.0000112	60.8	0.000104	0.00703	0.000671	0.00523	0.0229	0.0000433	24.8	31.6	0.209	0.00981	410	0.0457	0.0123	0.0000728	0.00239	0.00111	1.39	0.00000388	0.00775	0.00151	0.00275	
2030 Feb	2110	1.55	7.28	0.134	1080	0.229	467	0.0000185	0.0000185	0.0000529	0.0135	0.00945	0.386	0.0471	0.0000112	60.8	0.000104	0.00702	0.000672	0.00523	0.0232	0.0000432	24.8	31.6	0.209	0.0098	410	0.0456	0.0124	0.0000743	0.00239	0.0011	1.39	0.00000388	0.00774	0.00151	0.00274	
2030 Mar	2100	1.55	7.28	0.134	1080	0.229	467	0.0000186	0.0000186	0.0000529	0.0135	0.00945	0.385	0.0471	0.0000112	60.8	0.000104	0.00701	0.000672	0.00522	0.0234	0.0000432	24.8	31.6	0.209	0.00979	409	0.0455	0.0125	0.0000753	0.00239	0.0011	1.39	0.00000388	0.00773	0.00151	0.00274	
2030 Apr	2100	1.55	7.27	0.134	1080	0.229	467	0.0000186	0.0000186	0.0000053	0.0135	0.00944	0.385	0.0471	0.0000112	60.8	0.000104	0.00701	0.000673	0.00523	0.0235	0.0000432	24.8	31.6	0.209	0.00978	409	0.0455	0.0125	0.0000761	0.00239	0.0011	1.39	0.00000388	0.00773	0.00151	0.00274	
2030 May	2110	1.56	7.32	0.135	1090	0.23	469	0.0000188	0.0000188	0.0000533	0.0136	0.00949	0.387	0.0474	0.0000113	61.2	0.000105	0.00705	0.000677	0.00526	0.0237	0.0000434	24.9	31.7	0.21	0.00983	411	0.0458	0.0126	0.0000777	0.0024	0.00111	1.4	0.00000039	0.00776	0.00152	0.00276	
2030 Jun	1520	0.947	4.16	0.0903	790	0.158	347	0.000375	0.000375	0.0000486	0.0114	0.00703	0.262	0.0374	0.00000945	43.2	0.0000814	0.00441	0.000497	0.00363	0.0262	0.0000334	18.6	21.6	0.154	0.00724	270	0.0327	0.0191	0.0000848	0.00179	0.00081	1.03	0.00000335	0.0059	0.0012	0.00252	
2030 Jul	1760	1.08	4.76	0.105	921	0.178	405	0.00026	0.00026	0.0000478	0.0118	0.00803	0.302	0.0412	0.0000101	48	0.0000913	0.00504	0.000557	0.00408	0.0227	0.0000372	21.6	24.9	0.177	0.00841	312	0.038	0.0135	0.0000843	0.00206	0.000938	1.2	0.00000356	0.0069	0.00132	0.00262	
2030 Aug	2110	1.44	6.61	0.131	1090	0.22	477	0.000148	0.000148	0.0000504	0.013	0.00947	0.375	0.0467	0.0000112	58.1	0.000105	0.00659	0.000659	0.00501	0.0205	0.0000431	25.3	30.7	0.21	0.00992	395	0

Appendix D.2-16: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.839	0.00113	0.00566	0.0000719	0.343	0.000201	0.232	0.0000016	0.0000016	3.65E-09	0.00000807	0.00000563	0.000347	0.0000207	5.58E-09	0.0508	6.08E-08	0.00000845	0.000000454	0.00000468	0.00000978	2.65E-08	0.012	0.0275	0.000133	0.00000495	0.161	0.0000303	0.00000133	3.41E-08	0.00000149	0.000000663	0.000735	1.77E-09	0.00000297	0.00000107	0.00000171	
Operation (2026-2036): Mean	2650	2.87	14.9	0.202	1230	0.407	596	0.000218	0.000218	0.00000831	0.0193	0.0133	0.697	0.0573	0.0000146	105	0.000146	0.0155	0.00102	0.00944	0.03	0.0000622	31.3	55.8	0.306	0.0126	596	0.0683	0.0117	0.000104	0.00346	0.00156	1.84	0.00000483	0.00872	0.00237	0.00403	
Operation (2026-2036): Max	7480	10.4	56.9	0.661	3260	1.33	1530	0.000423	0.000423	0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031	0.0656	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.0221	0.000267	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	
2032 Nov	2340	1.86	9.04	0.155	1190	0.261	508	0.000137	0.000137	0.00000566	0.0143	0.0104	0.443	0.0497	0.000012	68.2	0.000113	0.00837	0.000738	0.00594	0.0216	0.0000473	26.9	36	0.231	0.0106	476	0.0507	0.00906	0.0000764	0.00265	0.00122	1.51	0.0000041	0.00828	0.00167	0.00298	
2032 Dec	2250	1.86	9.11	0.151	1140	0.257	485	0.0000184	0.0000184	0.00000577	0.0143	0.01	0.434	0.0483	0.0000117	67.5	0.00011	0.00833	0.00072	0.00587	0.0234	0.0000461	25.7	35.3	0.223	0.0102	468	0.049	0.0119	0.0000739	0.00255	0.00117	1.45	0.00000402	0.00786	0.00162	0.00293	
2033 Jan	2230	1.84	9.01	0.15	1130	0.255	481	0.0000193	0.0000193	0.00000576	0.0142	0.00994	0.429	0.0482	0.0000117	67.1	0.0000109	0.00825	0.000718	0.00582	0.0241	0.0000457	25.5	34.9	0.221	0.0101	463	0.0485	0.0124	0.0000763	0.00252	0.00116	1.44	0.0000004	0.00778	0.00162	0.00291	
2033 Feb	2220	1.83	8.98	0.149	1120	0.254	479	0.0000196	0.0000196	0.00000576	0.0142	0.00991	0.428	0.0483	0.0000116	67.1	0.0000109	0.00822	0.00072	0.00581	0.0248	0.0000456	25.4	34.8	0.221	0.0101	462	0.0483	0.0126	0.0000798	0.00251	0.00116	1.44	0.00000399	0.00775	0.00162	0.00291	
2033 Mar	2220	1.83	8.96	0.149	1120	0.254	478	0.0000198	0.0000198	0.00000576	0.0142	0.0099	0.427	0.0483	0.0000116	67.1	0.0000108	0.00821	0.000721	0.0058	0.0252	0.0000455	25.3	34.8	0.221	0.01	461	0.0482	0.0128	0.0000819	0.00251	0.00116	1.43	0.00000399	0.00773	0.00162	0.00291	
2033 Apr	2220	1.83	8.97	0.149	1120	0.254	478	0.0002	0.0002	0.00000578	0.0142	0.00991	0.427	0.0485	0.0000116	67.2	0.0000109	0.00822	0.000724	0.00581	0.0255	0.0000456	25.4	34.8	0.222	0.0101	461	0.0483	0.0129	0.0000835	0.00251	0.00116	1.44	0.0000004	0.00774	0.00163	0.00291	
2033 May	2000	1.73	8.58	0.136	994	0.235	425	0.000309	0.000309	0.00000591	0.0136	0.00914	0.394	0.0492	0.000011	66.6	0.0001	0.0078	0.000756	0.00552	0.0404	0.0000422	22.8	32.7	0.217	0.00893	425	0.0437	0.0192	0.000231	0.00229	0.00106	1.3	0.00000381	0.00679	0.00168	0.00288	
2033 Jun	1650	1.13	5.22	0.1	827	0.185	393	0.000306	0.000306	0.00000507	0.012	0.00812	0.311	0.0462	0.0000101	54.3	0.0000906	0.00554	0.000664	0.00437	0.0384	0.0000373	21.1	26.2	0.193	0.00819	305	0.0379	0.0181	0.000243	0.00204	0.00094	1.19	0.00000356	0.00658	0.00149	0.00264	
2033 Jul	1860	1.19	5.38	0.11	932	0.203	454	0.0001183	0.0001183	0.0000049	0.0125	0.00905	0.346	0.0475	0.0000109	56.1	0.0001	0.00594	0.000668	0.00469	0.0273	0.0000041	24.2	28.7	0.206	0.00944	330	0.043	0.0113	0.000154	0.0023	0.00106	1.35	0.00000378	0.00768	0.00151	0.00271	
2033 Aug	2020	1.35	6.24	0.122	1010	0.223	490	0.0001124	0.0001124	0.00000501	0.0131	0.00973	0.383	0.0493	0.0000114	60.2	0.0001107	0.00669	0.000701	0.00512	0.0237	0.0000439	26	31.5	0.22	0.0102	368	0.0468	0.00841	0.000126	0.00249	0.00115	1.45	0.00000393	0.00824	0.00159	0.00281	
2033 Sep	2150	1.68	8.21	0.139	1060	0.252	499	0.0001141	0.0001141	0.00000554	0.0142	0.0102	0.429	0.0494	0.0000118	66.6	0.0001112	0.00804	0.00073	0.00577	0.023	0.0000463	26.4	35	0.227	0.0105	428	0.0495	0.0101	0.0000888	0.00259	0.00119	1.49	0.00000404	0.00817	0.00165	0.00293	
2033 Oct	1890	1.63	8.06	0.127	920	0.236	425	0.0002291	0.0002291	0.00000578	0.0139	0.00897	0.389	0.0446	0.0000109	62.4	0.000099	0.00758	0.000657	0.00539	0.0274	0.0000419	22.6	31.8	0.198	0.00901	396	0.0434	0.0187	0.0000683	0.00225	0.00104	1.28	0.00000378	0.00683	0.00147	0.00273	
2033 Nov	1820	1.58	7.84	0.123	886	0.23	409	0.0003321	0.0003321	0.00000578	0.0137	0.00868	0.376	0.0436	0.0000107	60.9	0.0000959	0.00736	0.000638	0.00525	0.0283	0.0000408	21.8	30.7	0.191	0.00868	383	0.0418	0.0203	0.0000662	0.00216	0.000999	1.24	0.00000371	0.00656	0.00143	0.00267	
2033 Dec	1810	1.58	7.81	0.123	883	0.229	408	0.0003324	0.0003324	0.00000578	0.0137	0.00865	0.375	0.0435	0.0000107	60.8	0.0000956	0.00733	0.000636	0.00524	0.0284	0.0000407	21.7	30.6	0.19	0.00866	382	0.0417	0.0205	0.0000661	0.00216	0.000996	1.23	0.00000371	0.00654	0.00142	0.00267	
2034 Jan	1810	1.58	7.8	0.122	882	0.229	407	0.0003325	0.0003325	0.00000578	0.0137	0.00864	0.375	0.0435	0.0000107	60.7	0.0000955	0.00732	0.000636	0.00523	0.0285	0.0000406	21.7	30.6	0.19	0.00865	381	0.0416	0.0205	0.0000665	0.00215	0.000995	1.23	0.00000371	0.00653	0.00142	0.00267	
2034 Feb	1810	1.58	7.79	0.122	881	0.228	407	0.0003326	0.0003326	0.00000577	0.0137	0.00864	0.374	0.0435	0.0000107	60.7	0.0000955	0.00732	0.000637	0.00523	0.0286	0.0000406	21.7	30.6	0.19	0.00864	381	0.0416	0.0206	0.0000673	0.00215	0.000994	1.23	0.00000371	0.00653	0.00142	0.00266	
2034 Mar	1810	1.58	7.79	0.122	881	0.228	406	0.0003326	0.0003326	0.00000577	0.0137	0.00864	0.374	0.0435	0.0000107	60.7	0.0000954	0.00731	0.000637	0.00523	0.0287	0.0000406	21.7	30.6	0.19	0.00863	381	0.0416	0.0206	0.0000678	0.00215	0.000994	1.23	0.0000037	0.00652	0.00142	0.00266	
2034 Apr	1810	1.58	7.8	0.122	882	0.229	407	0.0003327	0.0003327	0.00000578	0.0137	0.00865	0.375	0.0436	0.0000107	60.8	0.0000956	0.00732	0.000638	0.00523	0.0288	0.0000406	21.7	30.6	0.191	0.00865	381	0.0416	0.0206	0.0000683	0.00215	0.000995	1.23	0.00000371	0.00653	0.00143	0.00267	
2034 May	1760	1.53	7.56	0.119	857	0.223	397	0.0003348	0.0003348	0.00000578	0.0135	0.0085	0.365	0.0442	0.0000106	60.5	0.0000939	0.00714	0.00065	0.00514	0.0326	0.0000399	21.2	30	0.191	0.00844	370	0.0407	0.0218	0.000109	0.00211	0.000976	1.21	0.00000368	0.00638	0.00144	0.00267	
2034 Jun	1530	1.05	4.83	0.0904	736	0.183	386	0.0003321	0.0003321	0.00000508	0.012	0.00802	0.306	0.0465	0.0000101	54.2	0.0000889	0.00543	0.000664	0.00433	0.0401	0.0000368	20.8	25.8	0.191	0.00807	276	0.0372	0.0198	0.000249	0.00199	0.000924	1.17	0.00000353	0.00646	0.00147	0.00257	
2034 Jul	1960	1.56	7.76	0.126	935	0.245	480	0.0001178	0.0001178	0.00000558	0.0136	0.00986	0.416	0.0485	0.0000116	65.2	0.000108	0.00785	0.00072	0.00564	0.0259	0.0000451	25.5	34	0.222	0.01	391	0.0479	0.0109	0.000119	0.00251	0.00115	1.44	0.00000397	0.00784	0.00162	0.00291	
2034 Aug	1970	1.54	7.61	0.126	940	0.245	486	0.0001163	0.0001163	0.00000551	0.0136	0.00992	0.416	0.0486	0.0000116	64.9	0.000108	0.00779	0.000717	0.00562	0.0246	0.0000453	25.7	34	0.223	0.0101	388	0.0482	0.01	0.000109	0.00253	0.00116	1.45	0.00000399	0.00796	0.00161	0.0029	
2034 Sep	1990	1.7	8.57	0.132	942	0.256	475	0.0002204	0.0002204	0.00000582	0.0143	0.00988	0.43	0.0478	0.0000116	67.4	0.000108	0.00835	0.000718	0.00586	0.0252	0.0000455	25.1	35	0.22	0.00998	413	0.0482	0.0134	0.0000818	0.0025	0.00115	1.43	0.00000398	0.00765	0.00162	0.00291	
2034 Oct	1860	1.76	8.97	0.13	872	0.25	424	0.0003317	0.0003317	0.00000612	0.0144	0.00913	0.413	0.0447	0.0000111	66.1	0.000101	0.00834	0.000678	0.00574	0.0289	0.000043	22.5	33.6	0.202	0.00902	409	0.0445	0.0202	0.0000678	0.00229	0.00105	1.29	0.00000382	0.00668	0.00152	0.00282	
2034 Nov	1830	1.78	9.12	0.13	859	0.25	413	0.0003344	0.0003344	0.00000621	0.0144	0.00898	0.41	0.0441	0.000011	66	0.0000991	0.00838	0.000672	0.00573	0.0299	0.0000425	22	33.3	0.199	0.0088	410	0.0437	0.0217	0.0000666	0.00224	0.00103	1.26	0.00000379	0.00646	0.00151	0.0028	
2034 Dec	1820	1.77	9.09	0.129	855	0.249	411	0.0003348	0.0003348	0.00000621	0.0144	0.00895	0.408	0.0439	0.000011	65.8	0.0000987	0.00834	0.000669	0.00571	0.03	0.0000423	21.9	33.2	0.198	0.00876	408	0.0435	0.0219	0.0000664	0.00223	0.00103	1.26	0.00000379	0.00643	0.0015	0.0028	
2035 Jan	1820	1.77	9.07	0.129	853	0.249	410	0.0003349	0.0003349	0.00000621	0.0144	0.00893	0.408	0.0439	0.000011	65.7	0.0000985	0.00833	0.000669	0.00571	0.0302	0.0000423	21.8	33.1	0.197	0.00875	408	0.0435	0.022	0.0000671	0.00223	0.00103	1.25	0.00000378	0.00642	0.0015	0.00279	
2035 Feb	1820	1.77	9.06	0.129	852	0.248	410	0.00035	0.00035	0.00000621	0.0143	0.00893	0.407	0.044	0.000011	65.7	0.0000984	0.00832	0.00067	0.0057	0.0304	0.0000422	21.8	33.1	0.198	0.00874	407	0.0434	0.022	0.0000682	0.00223	0.00102	1.25	0.00000378	0.00641	0.0015	0.00279	
2035 Mar	1820	1.77	9.06	0.129	852	0.248	409	0.00035	0.00035	0.00000621	0.0143	0.00892	0.407	0.044	0.000011	65.7	0.0000984	0.00832	0.00067	0.0057	0.0305	0.0000422	21.8	33.1	0.198	0.00873	407	0.0434	0.0221	0.0000689	0.00222	0.00102	1.25	0.00000378	0.0064	0.0015	0.00279	
2035 Apr	1820	1.77	9.07	0.129	852	0.248	410	0.0003351	0.0003351	0.00000622	0.0144	0.00893	0.407	0.0441	0.000011	65.8	0.0000985	0.00833	0.000672	0.00571	0.0307	0.0000423	21.8	33.1	0.198	0.00874	407	0.0434	0.0221	0.0000696	0.00223	0.00103	1.25	0.00000378	0.00641	0.00151	0.0028	
2035 May	1830	1.77	9.04	0.129	856	0.25	414	0.00035	0.00035	0.00000624	0.0144	0.00902	0.41	0.0447	0.0000111	66.3	0.0000994	0.00836	0.00068	0.00574	0.0312	0.0000426	22.1	33.4	0.2	0.00883	407	0.0438	0.0221	0.0000766	0.00225	0.00104	1.27	0.00000382	0.00649	0.00152	0.00282	
2035 Jun	1270	0.746	3.32	0.0686	587	0.162	363	0.0003343	0.0003343	0.00000481	0.0114	0.00734	0.27	0.0406	0.00000961	45.9	0.0000837	0.00452	0.00055	0.00376	0.0305	0.0000343	19.5	22.6	0.166	0.00755	207	0.034	0.0186	0.000145	0.00185	0.000848	1.08	0.0000034	0.00617	0.00128	0.00251	
2035 Jul	1560	0.86	3.79	0.0824	722	0.197	462	0.0001149	0.0001149	0.00000465	0.0123	0.009	0.336	0.0459	0.0000108	52.8	0.000101	0.00551	0.000624	0.00448	0.0207	0.0000407	24.5	27.7	0.2	0.00959	247	0.0429	0.009	0.0000923	0.0023	0.00106	1.36	0.00000377	0.0079	0.00143	0.00266	
2035 Aug	1790	1.15	5.41	0.101	821	0.232	508	0.0000896	0.0000896	0.00000502	0.0134	0.01	0.399	0.0492	0.0000116	61.3	0.000111	0.00698	0.000699	0.00529	0.0194	0.0000452	26.9	32.6	0.223	0.0106	308	0.0486	0.00636	0.0000858	0.00257	0.00118	1.5	0.0000004	0.00853	0.00159	0.00285	
2035 Sep	1850	1.69	8.68	0.125	833	0.27	462	0.0000256	0.0000256	0.00000625	0.0149	0.00987	0.452	0.0471	0.0000117	71	0.000108	0.00917	0.000729	0.0062	0.027	0.0000446	24.5	36.6	0.22	0.00977	393	0.0485	0.0164	0.0000725	0.0025	0.00115	1.4	0.00000399	0.00726	0.00165	0.00299	
2035 Oct	1940	1.76	9.05	0.13	873	0.281	485	0.0002219	0.0002219	0.00000631	0.0152	0.0103	0.473	0.0487	0.000012	73.6	0.000113	0.00958	0.000759	0.00645	0.0262	0.0000478	25.6	38.3	0.23	0.0102	411	0.0509	0.0147	0.0000741	0.00262	0.0012	1.47	0.00000409	0.00763	0.00172	0.00307	
2035 Nov	1880	1.68	8.58	0.125	847	0.272	474	0.0002232	0.0002232	0.00000615	0.015	0.01	0.456	0.0479	0.0000118	71.3	0.00011	0.00916	0.000738	0.00624	0.0264	0.0000467	25.1	37	0.224	0.01	394	0.0494	0.0155	0.0000726	0.00255	0.00117	1.43	0.00000403	0.00749	0.00167	0.003	
2035 Dec	1850	1.65	8.46	0.123	835	0.269	466	0.0002244	0.0002244	0.00000618	0.0149	0.00991	0.449	0.0474	0.0000117	70.5	0.000109	0.00903	0.000729	0.00616	0.0267	0.0000461	24.7	36.4	0.221	0.00987	388	0.0487	0.0161	0.0000718	0.00251	0.00115	1.41	0.0000004	0.00737	0.00165	0.00297	
2036 Jan	1840	1.65	8.43	0.123	832	0.268	465	0.0002247	0.0002247	0.00000617	0.0148	0.00988	0.447	0.0474	0.0000117	70.4	0.000109	0.009	0.000728	0.00614	0.027	0.0000446	24.6	36.3	0.22	0.00983	387	0.0485	0.0163	0.0000728	0.0025	0.00115	1.41	0.00000399	0.00734	0.00164	0.00297	
2036 Feb	1840	1.65	8.41	0.122	830	0.267	464	0.0002248	0.0002248	0.00000617	0.0148	0.00987	0.447	0.0474	0.0000117	70.3	0.000109	0.00898	0.000729	0.00613	0.0273	0.0000459	24.6	36.3	0.22	0.00981	386	0.0484	0.0164	0.0000745	0.00249	0.00115	1.41	0.00000399	0.00733	0.00165	0.00297	
2036 Mar	1840	1.64	8.4	0.122	829	0.267	463	0.0002249	0.0002249	0.00000617	0.0148	0.00986	0.446	0.0475	0.0000116	70.3	0.0001108	0.00897	0.00073	0.00613	0.0275	0.0000459	24.6	36.2	0.22	0.0098	385	0.0484	0.0165	0.0000756	0.00249	0.00114	1.4	0.00000399	0.00732	0.00165	0.00296	
2036 Apr	1840	1.65	8.42	0.123	831	0.268	465	0.0002249	0.0002249	0.00000618	0.0148	0.00989	0.447	0.0477	0.0000117	70.6	0.000109	0.009	0.000733	0.00615	0.0277	0.0000446	24.6	36.4	0.221	0.00983	386	0.0485	0.0165	0.0000766	0.0025	0.00115	1.41	0.0000004	0.00734	0.00165	0.00297	
2036 May	1860	1.66	8.48	0.124	839	0.271	471	0.0002247	0.0002247	0.00000623	0.015	0.01	0.453	0.0482	0.0000118	71.3	0.00011	0.00911	0.000742	0.00622	0.0278	0.0000465	25	36.8	0.224	0.00995	389	0.0491	0.0164	0.000078	0.00253	0.00116	1.43	0.00000404	0.00744	0.00167	0.003	
2036 Jun	1190	0.792	3.8	0.0668	521	0.171	348	0.0003392	0.0003392	0.00000517	0.0118	0.0072	0.285	0.0374	0.00000961	46.6	0.0000835	0.00514	0.000519	0.00395	0.0274	0.0000345	18.6	23.4	0.159	0.00727	205	0.0339	0.0199	0.0000891	0.00184	0.000829	1.04	0.00000339	0.00578	0.00126	0.00264	
2036 Jul	1280	0.718	3.28	0.066	557	0.181	402	0.00027	0.00027	0.00000484	0.0118	0.00801	0.304	0.0411	0.0000101	48.5	0.0000905	0.00516	0.000558	0.00413	0.0233	0.0000372	21.4	25	0.176	0.00835	199	0.0379	0.0139	0.000085	0.00205	0.000934	1.19	0.00000356	0.00681	0.00131	0.00261	
2036 Aug	1400	0.823	3.83	0.0739	610	0.199	436	0.0002215	0.0002215	0.00000493	0.0123	0.00867	0.337	0.0436	0.0000106	52.9	0.0000968	0.00581	0.000604	0.00453	0.0221	0.0000398	23.1	27.6	0.191	0.00906	224	0.0414	0.0116	0.0000837	0.00222	0.00102	1.29	0.0000037	0.00734	0.0014	0.00268	
2036 Sep	1740	1.25	6.2	0.102	756	0.257	512	0.0001118	0.0001118	0.00000556	0.0142	0.0104	0.44	0.0495	0.000012	67.4	0.000114	0.00827	0.000736	0.00588	0.0211	0.0000472	27	35.8	0.232	0.0107	314	0.0508	0.00791	0.0000827	0.00267	0.00122	1.52	0.00000409	0.00837	0.00168	0.00302	
2036 Oct	1730	1.44	7.33	0.109	746	0.27	481	0.0002111	0.0002111	0.0000061	0.0149	0.0101	0.455	0.0482	0.0000118	70.9	0.000112	0.00906	0.00074	0.0062	0.0255	0.0000469	25.5	36.9	0.226	0.0101	341	0.0498	0.014	0.0000753	0.00258	0.00118	1.45	0.00000405	0.00765	0.00168	0.00302	
2036 Nov	1710	1.45	7.42	0.108	736	0.27	471	0.0002237	0.0002237	0.00000618	0.0149	0.00999	0.452	0.0476	0.0000118	70.8	0.00011	0.00908	0.000734	0.00619	0.0265	0.0000464	24.9	36.7	0.223	0.00995	341	0.0491	0.0155	0.0000737	0.00253	0.00116	1.42	0.00000402	0.00745	0.00166	0.003	
2036 Dec	1650	1.42	7.22	0.105	711	0.263	454	0.0002266	0.0002266	0.00000616	0.0147	0.00968	0.438	0.0466	0.0000115	69.1	0.0001107	0.00882	0.000714	0.00603	0.0273	0.0000452	24.1	35.6	0.215	0.00961	331	0.0474	0.0171	0.0000717	0.00245	0.00112	1.38	0.00000395	0.00717	0.00161	0.00294	
2037 Jan	1640	1.41	7.17	0.104	707	0.261	451	0.0002271	0.0002271	0.00000615	0.0147	0.00963	0.435	0.0465	0.0000115	68.8	0.000106	0.00876	0.000712	0.006	0.0278	0.0000449	23.9	35.4	0.214	0.00955	329	0.0471	0.0175	0.0000735	0.00243	0.00112	1.37	0.00000394	0.00712	0.00161	0.00293	
2037 Feb	1640	1.4	7.15	0.104	705	0.26	450	0.0002273	0.0002273	0.00000615	0.0146	0.00961	0.434	0.0466	0.0000115	68.8	0.000106	0.00874	0.000714	0.00598	0.0283	0.0000448	23.9	35.3	0.214	0.00952	328	0.047	0.0176	0.0000764	0.00242	0.00111	1.36	0.00000393	0.0071	0.00161	0.00292	
2037 Mar	1640	1.4	7.14	0.104	704	0.26	449	0.0002275	0.0002275	0.00000615	0.0146	0.0096	0.433	0.0467	0.0000114	68.8	0.000106	0.00873	0.000715	0.00598	0.0286	0.0000448	23.8	35.2	0.214	0.00951	327	0.0469	0.0177	0.0000781	0.00242	0.00111	1.36	0.00000393	0.00709	0.00161	0.00292	
2037 Apr	1640	1.4	7.14	0.104	704	0.26	449	0.0002276	0.0002276	0.00000616	0.0146	0.0096	0.433	0.0467	0.0000115	68.9	0.000106	0.00873	0.000716	0.00598	0.0289	0.0000448	23.8	35.2	0.215	0.00951	327	0.0469	0.0178	0.0000793	0.00242	0.00111	1.36	0.00000393	0.00709	0.00161	0.00293	
2037 May	1410	1.15	5.73	0.0867	600	0.222	396	0.0003354	0.0003354	0.00000584	0.0134	0.00858	0.368	0.0467	0.0000106	62.9	0.0000946	0.00728	0.000707	0.00521	0.0401	0.00004	21.3	30.5	0.202	0.00837	270	0.0408	0.0221	0.000205	0.00213	0.000985	1.22	0.00000368	0.00633	0.00157	0.00276	
2037 Jun	591	0.398	1.85	0.0332	246	0.0904	185	0.0001192	0.0001192	0.00000266	0.00604	0.00393	0.15	0.0239	0.00000501	27.8	0.0000436	0.00274	0.000349	0.00217	0.0241	0.0000181	10	12.8	0.0968	0.00386	96.8	0.018	0.0117	0.000161	0.000969	0.00045	0.569	0.00000177	0.00307	0.000766	0.00131	
2037 Jul	231	0.156	0.728	0.013	96.3	0.0355	72.7	0.0000679	0.0000679	0.00000101	0.00233	0.00153	0.0593	0.00906	0.00000194	10.7	0.000017	0.00108	0.000132	0.000847	0.00854	0.0000706	3.93	5.03	0.0373	0.00152	37.9	0.0071	0.00411	0.0000555	0.000381	0.000176	0.223	0.00000068	0.00121	0.000292	0.000506	
2037 Aug	131	0.0879	0.411	0.00738	54.4	0.0201	41.3	0.

Appendix D.2-16: TIRI03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.839	0.00113	0.00566	0.0000719	0.343	0.000201	0.232	0.0000016	0.0000016	3.65E-09	0.00000807	0.00000563	0.000347	0.0000207	5.58E-09	0.0508	6.08E-08	0.00000845	0.000000454	0.00000468	0.00000978	2.65E-08	0.012	0.0275	0.000133	0.00000495	0.161	0.0000303	0.00000133	3.41E-08	0.00000149	0.000000663	0.000735	1.77E-09	0.00000297	0.00000107	0.00000171	
Operation (2026-2036): Mean	2650	2.87	14.9	0.202	1230	0.407	596	0.000218	0.000218	0.00000831	0.0193	0.0133	0.697	0.0573	0.0000146	105	0.000146	0.0155	0.00102	0.00944	0.03	0.0000622	31.3	55.8	0.306	0.0126	596	0.0683	0.0117	0.000104	0.00346	0.00156	1.84	0.00000483	0.00872	0.00237	0.00403	
Operation (2026-2036): Max	7480	10.4	56.9	0.661	3260	1.33	1530	0.000423	0.000423	0.0000241	0.0534	0.0373	2.3	0.137	0.0000369	336	0.000402	0.0559	0.003	0.031	0.0656	0.000175	79.7	182	0.877	0.0327	1980	0.201	0.0221	0.000267	0.00987	0.00439	4.86	0.0000117	0.0197	0.00707	0.0113	
2040 May	59.8	0.0409	0.19	0.00345	23.5	0.0102	19.9	0.0000293	0.0000293	3.33E-07	0.000711	0.000431	0.0166	0.00257	0.00000585	3.05	0.00000486	0.000306	0.0000368	0.000242	0.00271	0.00000205	1.08	1.41	0.0103	0.000418	9.37	0.00197	0.00159	0.0000153	0.000107	0.00004489	0.0615	0.000000208	0.00033	0.0000834	0.000159	
2040 Jun	60.1	0.0409	0.188	0.00345	23.4	0.0103	20.1	0.0000345	0.0000345	3.59E-07	0.000749	0.000441	0.0167	0.00276	0.000000613	3.19	0.00000499	0.000307	0.0000395	0.000248	0.00322	0.00000211	1.1	1.43	0.0108	0.000421	9.3	0.00198	0.00187	0.0000192	0.000108	0.00004497	0.0626	0.000000219	0.000333	0.0000894	0.000169	
2040 Jul	57.6	0.0393	0.181	0.00332	22.4	0.0099	19.3	0.0000329	0.0000329	3.44E-07	0.000718	0.000424	0.0161	0.00264	0.000000588	3.06	0.00000448	0.000296	0.0000378	0.000239	0.00306	0.00000203	1.06	1.37	0.0103	0.000405	8.91	0.00191	0.00178	0.0000182	0.000104	0.00004477	0.0602	0.000000221	0.00032	0.0000857	0.000162	
2040 Aug	54.2	0.0371	0.171	0.00313	21	0.00935	18.2	0.0000304	0.0000304	3.22E-07	0.000674	0.000399	0.0152	0.00247	0.000000552	2.88	0.00000452	0.000281	0.0000355	0.000225	0.00284	0.00000191	0.996	1.3	0.00972	0.000382	8.4	0.0018	0.00165	0.0000169	0.0000983	0.000045	0.0567	0.000000197	0.000301	0.0000804	0.000152	
2040 Sep	51.3	0.0353	0.163	0.00297	19.9	0.0089	17.3	0.0000285	0.0000285	3.04E-07	0.000637	0.000378	0.0145	0.00233	0.000000522	2.73	0.00000428	0.000268	0.0000336	0.000214	0.00266	0.00000181	0.943	1.23	0.0092	0.000362	7.97	0.00171	0.00154	0.0000157	0.0000932	0.00004427	0.0537	0.000000186	0.000285	0.000076	0.000144	
2040 Oct	49.8	0.0343	0.159	0.00289	19.3	0.00866	16.8	0.0000276	0.0000276	2.95E-07	0.000619	0.000367	0.0141	0.00226	0.000000506	2.66	0.00000415	0.000261	0.0000326	0.000208	0.00258	0.00000176	0.916	1.2	0.00893	0.0003351	7.75	0.00166	0.00149	0.0000152	0.0000905	0.00004414	0.0521	0.00000018	0.000276	0.0000737	0.000139	
2040 Nov	49.9	0.0344	0.159	0.00289	19.3	0.00867	16.8	0.0000276	0.0000276	2.95E-07	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209	0.00258	0.00000176	0.917	1.2	0.00894	0.0003352	7.76	0.00167	0.0015	0.0000152	0.0000906	0.00004415	0.0522	0.00000018	0.000277	0.0000738	0.00014	
2040 Dec	49.9	0.0344	0.159	0.00289	19.3	0.00868	16.8	0.0000276	0.0000276	2.96E-07	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209	0.00258	0.00000176	0.917	1.2	0.00894	0.0003352	7.76	0.00167	0.0015	0.0000152	0.0000907	0.00004415	0.0522	0.00000018	0.000277	0.0000738	0.00014	
2041 Jan	49.9	0.0344	0.16	0.00289	19.3	0.00868	16.8	0.0000276	0.0000276	2.96E-07	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209	0.00258	0.00000176	0.917	1.2	0.00894	0.0003352	7.77	0.00167	0.0015	0.0000152	0.0000907	0.00004415	0.0522	0.00000018	0.000277	0.0000739	0.00014	
2041 Feb	49.9	0.0344	0.16	0.00289	19.3	0.00868	16.8	0.0000276	0.0000276	2.96E-07	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209	0.00258	0.00000176	0.917	1.2	0.00894	0.0003352	7.77	0.00167	0.0015	0.0000152	0.0000907	0.00004415	0.0522	0.00000018	0.000277	0.0000739	0.00014	
2041 Mar	49.9	0.0345	0.16	0.00289	19.3	0.00868	16.8	0.0000276	0.0000276	2.96E-07	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209	0.00258	0.00000176	0.917	1.2	0.00895	0.0003352	7.77	0.00167	0.0015	0.0000152	0.0000907	0.00004415	0.0522	0.00000018	0.000277	0.0000739	0.00014	
2041 Apr	49.9	0.0345	0.16	0.00289	19.3	0.00868	16.8	0.0000276	0.0000276	2.96E-07	0.00062	0.000368	0.0141	0.00227	0.000000507	2.66	0.00000416	0.000262	0.0000326	0.000209	0.00258	0.00000176	0.917	1.2	0.00895	0.0003352	7.77	0.00167	0.0015	0.0000152	0.0000907	0.00004415	0.0522	0.00000018	0.000277	0.0000739	0.00014	
2041 May	50.3	0.0348	0.161	0.00292	19.5	0.00877	16.9	0.0000277	0.0000277	2.97E-07	0.000624	0.000371	0.0143	0.00228	0.00000051	2.69	0.00000419	0.000266	0.0000329	0.000211	0.00259	0.00000177	0.923	1.22	0.00901	0.0003354	7.84	0.00168	0.0015	0.0000152	0.0000914	0.00004418	0.0526	0.00000018	0.000278	0.0000744	0.00014	
2041 Jun	50.5	0.035	0.162	0.00293	19.4	0.00891	17	0.0000312	0.0000312	3.16E-07	0.000653	0.000376	0.0144	0.00232	0.00000053	2.73	0.00000429	0.000269	0.0000332	0.000214	0.00272	0.00000182	0.931	1.23	0.00909	0.0003357	7.85	0.0017	0.00165	0.0000154	0.0000928	0.00004423	0.0531	0.00000018	0.00028	0.0000764	0.00014	
2041 Jul	49.2	0.034	0.157	0.00286	18.8	0.00873	16.7	0.0000319	0.0000319	3.16E-07	0.000651	0.000369	0.0141	0.00228	0.00000052	2.68	0.00000424	0.000263	0.0000325	0.00021	0.00269	0.00000179	0.914	1.2	0.00889	0.00035	7.58	0.00166	0.00168	0.0000149	0.0000913	0.00004414	0.052	0.00000018	0.000275	0.0000752	0.00014	
2041 Aug	46.8	0.0324	0.15	0.00272	17.9	0.00833	15.9	0.0000301	0.0000301	0.0000003	0.000618	0.000351	0.0135	0.00216	0.0000005	2.55	0.00000404	0.000251	0.0000309	0.0002	0.00254	0.00000171	0.87	1.15	0.00846	0.0003333	7.22	0.00158	0.00158	0.0000141	0.0000869	0.00004395	0.0495	0.00000018	0.000262	0.0000715	0.00014	
2041 Sep	44.8	0.0311	0.145	0.00261	17.1	0.00801	15.2	0.0000285	0.0000285	2.87E-07	0.000591	0.000337	0.013	0.00206	0.000000477	2.44	0.00000386	0.000243	0.0000295	0.000192	0.00241	0.00000163	0.833	1.1	0.0081	0.0003319	6.92	0.00152	0.0015	0.0000133	0.0000833	0.00003778	0.0474	0.00000017	0.00025	0.0000684	0.000135	
2041 Oct	43.9	0.0306	0.142	0.00256	16.7	0.00788	14.9	0.0000278	0.0000278	2.81E-07	0.000579	0.00033	0.0128	0.00202	0.000000467	2.4	0.00000379	0.000239	0.0000289	0.000189	0.00236	0.00000016	0.816	1.08	0.00794	0.0003313	6.79	0.00149	0.00146	0.0000013	0.0000817	0.00003371	0.0465	0.00000017	0.000245	0.000067	0.000132	
2041 Nov	44	0.0307	0.143	0.00257	16.7	0.0079	14.9	0.0000278	0.0000278	2.81E-07	0.00058	0.000331	0.0128	0.00202	0.000000468	2.4	0.00000379	0.00024	0.00002	0.00019	0.00236	0.00000161	0.818	1.09	0.00795	0.0003314	6.81	0.0015	0.00147	0.0000013	0.0000819	0.00003372	0.0466	0.00000017	0.000245	0.0000671	0.000132	
2041 Dec	44	0.0307	0.143	0.00257	16.7	0.00791	15	0.0000279	0.0000279	2.81E-07	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000381	0.00024	0.00002	0.00019	0.00236	0.00000161	0.818	1.09	0.00795	0.0003314	6.82	0.0015	0.00147	0.0000013	0.0000819	0.00003372	0.0466	0.00000017	0.000245	0.0000671	0.000132	
2042 Jan	44	0.0307	0.143	0.00257	16.7	0.00791	15	0.0000279	0.0000279	2.81E-07	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000381	0.00024	0.00002	0.00019	0.00236	0.00000161	0.818	1.09	0.00796	0.0003314	6.82	0.0015	0.00147	0.0000013	0.0000819	0.00003372	0.0466	0.00000017	0.000245	0.0000671	0.000132	
2042 Feb	44	0.0307	0.143	0.00257	16.7	0.00791	15	0.0000279	0.0000279	2.81E-07	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000381	0.00024	0.00002	0.00019	0.00236	0.00000161	0.818	1.09	0.00796	0.0003314	6.82	0.0015	0.00147	0.0000013	0.0000819	0.00003372	0.0466	0.00000017	0.000245	0.0000671	0.000132	
2042 Mar	44	0.0307	0.143	0.00257	16.7	0.00791	15	0.0000279	0.0000279	2.82E-07	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000381	0.00024	0.00002	0.00019	0.00236	0.00000161	0.818	1.09	0.00796	0.0003314	6.82	0.0015	0.00147	0.0000013	0.0000819	0.00003372	0.0466	0.00000017	0.000245	0.0000671	0.000132	
2042 Apr	44	0.0307	0.143	0.00257	16.8	0.00791	15	0.0000279	0.0000279	2.82E-07	0.00058	0.000331	0.0128	0.00202	0.000000468	2.41	0.00000381	0.00024	0.00002	0.00019	0.00236	0.00000161	0.818	1.09	0.00796	0.0003314	6.82	0.0015	0.00147	0.0000013	0.0000819	0.00003372	0.0466	0.00000017	0.000246	0.0000672	0.000132	
2042 May	44.1	0.0308	0.143	0.00258	16.8	0.00793	15	0.0000279	0.0000279	2.82E-07	0.000582	0.000332	0.0128	0.00203	0.000000469	2.41	0.00000381	0.000241	0.0000291	0.000191	0.00237	0.00000161	0.82	1.09	0.00798	0.0003315	6.84	0.0015	0.00147	0.0000013	0.0000822	0.00003373	0.0467	0.00000017	0.000246	0.0000673	0.000133	
2042 Jun	43.7	0.0305	0.142	0.00255	16.6	0.0079	14.9	0.0000299	0.0000299	2.91E-07	0.000593	0.000331	0.0127	0.00203	0.000000476	2.41	0.00000382	0.000239	0.00003	0.00019	0.00243	0.00000162	0.815	1.08	0.00793	0.0003312	6.75	0.00149	0.00156	0.0000131	0.0000819	0.0000037	0.0464	0.00000017	0.000244	0.0000678	0.000136	
2042 Jul	42.4	0.0296	0.138	0.00247	16.1	0.00772	14.4	0.0000302	0.0000302	2.88E-07	0.000584	0.000322	0.0124	0.00198	0.000000468	2.35	0.00000373	0.000234	0.0000282	0.000186	0.0024	0.00000158	0.792	1.05	0.00771	0.0003303	6.55	0.00145	0.00156	0.0000127	0.0000798	0.0000036	0.0451	0.00000016	0.000237	0.0000663	0.000134	
2042 Aug	40.8	0.0286	0.134	0.00238	15.4	0.00752	13.9	0.0000296	0.0000296	2.81E-07	0.000566	0.000311	0.0121	0.00191	0.000000453	2.29	0.00000359	0.000228	0.0000272	0.00018	0.00232	0.00000153	0.761	1.02	0.00743	0.000292	6.33	0.0014	0.00152	0.0000122	0.0000769	0.0000347	0.0434	0.00000016	0.000227	0.0000638	0.00013	
2042 Sep	39.2	0.0276	0.129	0.00229	14.8	0.00728	13.3	0.0000286	0.0000286	2.72E-07	0.000546	0.0003	0.0117	0.00184	0.000000437	2.21	0.00000346	0.000222	0.0000262	0.000174	0.00224	0.00000148	0.732	0.989	0.00715	0.00028	6.1	0.00135	0.00147	0.0000116	0.000074	0.0000334	0.0417	0.00000015	0.000218	0.0000613	0.000125	
2042 Oct	38.5	0.0272	0.127	0.00225	14.5	0.00717	13.1	0.0000282	0.0000282	2.67E-07	0.000537	0.000294	0.0115	0.0018	0.000000429	2.17	0.00000334	0.000219	0.0000257	0.000172	0.00219	0.00000145	0.718	0.974	0.00702	0.000275	6	0.00132	0.00145	0.0000113	0.0000727	0.0000328	0.041	0.00000015	0.000213	0.0000602	0.000123	
2042 Nov	38.6	0.0273	0.128	0.00226	14.5	0.00719	13.1	0.0000282	0.0000282	2.68E-07	0.000538	0.000295	0.0115	0.0018	0.00000043	2.18	0.00000334	0.00022	0.0000258	0.000172	0.0022	0.00000146	0.719	0.976	0.00703	0.000276	6.01	0.00133	0.00145	0.0000113	0.0000728	0.0000329	0.041	0.00000015	0.000214	0.0000603	0.000123	
2042 Dec	38.6	0.0273	0.128	0.00226	14.5	0.0072	13.1	0.0000282	0.0000282	2.68E-07	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.00000334	0.00022	0.0000258	0.000172	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000113	0.0000728	0.0000329	0.0411	0.00000015	0.000214	0.0000603	0.000123	
2043 Jan	38.6	0.0273	0.128	0.00226	14.5	0.0072	13.1	0.0000282	0.0000282	2.68E-07	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.00000334	0.00022	0.0000258	0.000172	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000113	0.0000728	0.0000329	0.0411	0.00000015	0.000214	0.0000603	0.000123	
2043 Feb	38.6	0.0273	0.128	0.00226	14.5	0.0072	13.1	0.0000282	0.0000282	2.68E-07	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.00000334	0.00022	0.0000258	0.000173	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000113	0.0000729	0.0000329	0.0411	0.00000015	0.000214	0.0000603	0.000123	
2043 Mar	38.6	0.0273	0.128	0.00226	14.5	0.0072	13.1	0.0000282	0.0000282	2.68E-07	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.00000334	0.00022	0.0000258	0.000173	0.0022	0.00000146	0.719	0.977	0.00703	0.000276	6.02	0.00133	0.00145	0.0000113	0.0000729	0.0000329	0.0411	0.00000015	0.000214	0.0000603	0.000123	
2043 Apr	38.6	0.0273	0.128	0.00226	14.5	0.0072	13.1	0.0000282	0.0000282	2.68E-07	0.000538	0.000295	0.0115	0.00181	0.00000043	2.18	0.00000334	0.00022	0.0000258	0.000173	0.0022	0.00000146	0.72	0.977	0.00704	0.000276	6.02	0.00133	0.00145	0.0000114	0.0000729	0.0000329	0.0411	0.00000015	0.000214	0.0000604	0.000123	
2043 May	38.7	0.0274	0.128	0.00226	14.6	0.00721	13.1	0.0000284	0.0000284	2.69E-07	0.000554	0.000296	0.0115	0.00181	0.00000043	2.19	0.00000341	0.000229	0.0000259	0.000173	0.0022	0.00000146	0.721	0.979	0.00706	0.000276	6.03	0.00133	0.00146	0.0000115	0.0000731	0.0000329	0.0412	0.00000015	0.000214	0.0000605	0.000124	
2043 Jun	38.3	0.0271	0.126	0.00223	14.4	0.00717	13	0.0000308	0.0000308	2.79E-07	0.000552	0.000296	0.0114	0.00188	0.00000439	2.23	0.00000342	0.000218	0.0000269	0.000173	0.00244	0.00000147	0.715	0.975	0.00718	0.000273	5.96	0.00132	0.00159	0.0000132	0.0000726	0.0000328	0.0409	0.00000015	0.000211	0.0000626	0.000127	
2043 Jul	37.3	0.0265	0.123	0.00217	14	0.00701	12.6	0.0000301	0.0000301	2.73E-07	0.000539	0.000289	0.0112	0.00183	0.00000429	2.18	0.00000334	0.000214	0.0000262	0.00017	0.00238	0.00000143	0.697	0.954	0.007	0.000266	5.82	0.00128	0.00155	0.0000128	0.0000709	0.0000332	0.0399	0.00000014	0.000206	0.0000611	0.000124	
2043 Aug	36.1	0.0256	0.12	0.0021	13.5	0.0068	12.2	0.000029	0.000029	2.64E-07	0.000521	0.000279	0.0108	0.00176	0.00000414	2.11	0.00000323	0.000208	0.0000253	0.000164	0.00229	0.00000138	0.673	0.924	0.00677	0.0002557	5.62	0.00124	0.0015	0.0000123	0.0000685	0.0000309	0.0386	0.00000014	0.000198	0.000059	0.00012	
2043 Sep	35.7	0.0255	0.119	0.00208	13.4	0.00678	12.1	0.0000286	0.0000286	2.62E-07	0.000516	0.000277	0.0108	0.00174	0.00000041	2.1	0.00000332	0.000208	0.0000251	0.000164	0.00226	0.00000137	0.667	0.921	0.00671	0.0002555	5.59	0.00124	0.00148	0.0000122	0.0000668	0.0000307	0.0383	0.00000014	0.000196	0.0000585	0.000119	
2043 Oct	36	0.0257	0.12	0.0021	13.4	0.00687	12.2	0.0000289	0.0000289	2.65E-07	0.000521	0.000279	0.0109	0.00176	0.00000413	2.12	0.00000323	0.000212	0.0000253	0.000166	0.00228	0.00000139	0.672	0.931	0.00676	0.0002557	5.63	0.00125	0.0015	0.0000122	0.0000685	0.0000331	0.0385	0.00000014	0.000197	0.0000589	0.00012	
2043 Nov	36.1	0.0258	0.121	0.0021	13.5	0.00691	12.2	0.0000293	0.0000293	2.67E-07	0.000525	0.00028	0.011	0.00177	0.000000416	2.13	0.00000324	0.000213	0.0000254	0.000167	0.0023	0.00000139	0.674	0.935	0.00678	0.000258	5.65	0.00125	0.00152	0.0000122	0.0000687	0.000031	0.0386	0.00000015	0.000198	0.0000591	0.00012	
2043 Dec	36.1	0.0258	0.121	0.0021	13.5	0.00691	12.2	0.0000293	0.0000293	2.67E-07	0.000525	0.00028	0.011	0.00177	0.000000416	2.13	0.00000324	0.000213	0.0000254	0.000167	0.0023	0.00000139	0.674	0.935	0.00678	0.000258	5.65	0.00125	0.00152	0.0000122	0.0000687	0.000031	0.0386	0.00000015	0.000198	0.0000591	0.00012	

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
Active Closure (2037-2043): Min	113	0.0885	0.294	0.00633	38.3	0.038	26.5	2.01E-24	1.56E-25	0.00000332	0.00462	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000447	0.000159	0.00101	0.0155	0.00000499	2.13	3.23	0.026	0.000499	18.9	0.00235	0.00224	0.0000817	0.000164	0.000103	0.118	0.00000345	0.000318	0.000295	0.00128	1.03E-23
Active Closure (2037-2043): Mean	306	0.219	0.743	0.0158	125	0.0581	77.1	0.00114	0.000993	0.00000551	0.00533	0.00247	0.061	0.0187	0.00000671	20.8	0.0000222	0.000971	0.000227	0.00131	0.0323	0.00000825	4.59	6.74	0.0532	0.00137	52.1	0.0058	0.0197	0.000171	0.000352	0.000202	0.272	0.00000546	0.00107	0.000436	0.00142	0.0000537
Active Closure (2037-2043): Max	2080	0.928	3.03	0.0838	985	0.253	637	0.00137	0.00108	0.000007	0.0124	0.0118	0.438	0.0576	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394	0.065	0.0000452	31.1	34.9	0.225	0.0116	295	0.0416	0.0443	0.000438	0.00247	0.00124	1.65	0.0000207	0.0101	0.00124	0.00247	0.000288
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	110	0.0859	0.242	0.00561	35.1	0.0377	25.9	0.00115	0.00104	0.00000547	0.00459	0.00123	0.0243	0.0132	0.00000584	13.8	0.0000136	0.000441	0.000156	0.001	0.0285	0.00000491	2.1	3.17	0.0254	0.000489	15.7	0.00232	0.0184	0.000126	0.000161	0.000101	0.115	0.00000301	0.00031	0.000291	0.00127	0.0000162
Post Closure (2044-2099): Mean	117	0.0869	0.269	0.00593	36.3	0.0408	30.7	0.00119	0.00105	0.0000055	0.00535	0.00144	0.031	0.0163	0.00000588	16.5	0.0000168	0.000611	0.000203	0.0011	0.0375	0.00000675	2.42	3.84	0.0349	0.000614	17.1	0.00299	0.025	0.000187	0.000212	0.000118	0.139	0.00000319	0.000392	0.000412	0.00143	0.0000206
Post Closure (2044-2099): Max	124	0.0886	0.295	0.00633	38.3	0.0438	35.2	0.00124	0.00107	0.00000554	0.00602	0.00165	0.037	0.0197	0.00000595	19.5	0.0000196	0.000765	0.000256	0.00121	0.047	0.00000837	2.74	4.51	0.0452	0.000732	18.9	0.0036	0.0313	0.000259	0.000256	0.000135	0.164	0.00000345	0.000467	0.000533	0.00155	0.0000267
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2099)																																					
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2030 Oct																																					
2030 Nov																																					
2030 Dec																																					
2031 Jan	1200	0.444	1.72	0.049	622	0.106	319	2.99E-24	2.32E-25	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	1.53E-23
2031 Feb	1200	0.444	1.72	0.049	622	0.106	319	2.99E-24	2.32E-25	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	1.53E-23
2031 Mar	1200	0.444	1.73	0.049	622	0.106	319	2.99E-24	2.32E-25	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000555	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000507	0.732	0.00000188	0.00468	0.000281	0.00081	1.53E-23
2031 Apr	1210	0.446	1.73	0.0492	624	0.107	320	3E-24	2.33E-25	0.000000502	0.00468	0.00698	0.185	0.0277	0.00000557	32.4	0.0000426	0.00274	0.000165	0.00095	0.00638	0.0000177	14.4	17.5	0.0886	0.00528	187	0.0104	0.000886	0.0000378	0.000883	0.000509	0.735	0.00000189	0.0047	0.000283	0.00081	1.54E-23
2031 May	1430	0.544	2.12	0.0601	748	0.128	367	2.64E-24	2.05E-25	0.00000089	0.00579	0.00772	0.221	0.0321	0.00000658	37.1	0.0000522	0.00318	0.000225	0.00137	0.0077	0.0000216	16.8	20.1	0.108	0.0062	224	0.0148	0.00108	0.0000443	0.00111	0.000614	0.868	0.00000223	0.00548	0.000415	0.00104	1.35E-23
2031 Jun	2480	1.02	3.99	0.113	1340	0.23	589	6.35E-24	4.93E-25	0.00000285	0.0112	0.0111	0.398	0.053	0.0000114	59.6	0.0000989	0.00527	0.000521	0.00343	0.0141	0.0000407	28.5	32.2	0.203	0.0106	403	0.0363	0.00203	0.0000754	0.00221	0.00113	1.51	0.00000388	0.00925	0.00108	0.0022	3.26E-23
2031 Jul	2840	1.18	4.6	0.131	1540	0.264	669	1.12E-23	8.66E-25	0.00000341	0.0129	0.0124	0.457	0.0604	0.0000131	67.7	0.000114	0.00601	0.000611	0.00404	0.0162	0.000047	32.6	36.6	0.234	0.0121	463	0.0428	0.00234	0.0000861	0.00256	0.0013	1.72	0.00000444	0.0106	0.00127	0.00256	5.73E-23
2031 Aug	2780	1.16	4.51	0.128	1510	0.258	651	8.05E-24	6.24E-25	0.00000341	0.0127	0.012	0.448	0.0588	0.0000128	65.9	0.000112	0.00586	0.000605	0.00402	0.0159	0.0000461	31.8	35.6	0.23	0.0119	453	0.0425	0.0023	0.0000841	0.00252	0.00127	1.69	0.00000435	0.0103	0.00127	0.00252	4.13E-23
2031 Sep	2770	1.16	4.49	0.128	1500	0.257	648	8.88E-24	6.89E-25	0.0000034	0.0127	0.012	0.446	0.0586	0.0000127	65.6	0.000112	0.00583	0.000603	0.004	0.0158	0.000046	31.6	35.4	0.229	0.0118	451	0.0423	0.00229	0.0000837	0.00251	0.00127	1.68	0.00000433	0.0103	0.00126	0.00251	4.56E-23
2031 Oct	2730	1.14	4.42	0.126	1480	0.253	638	3.21E-24	2.49E-25	0.00000334	0.0125	0.0118	0.439	0.0577	0.0000125	64.6	0.00011	0.00574	0.000593	0.00394	0.0156	0.0000452	31.1	34.9	0.226	0.0116	444	0.0417	0.00226	0.0000824	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00247	1.65E-23
2031 Nov	2720	1.14	4.42	0.126	1480	0.253	638	2.58E-24	2E-25	0.00000334	0.0124	0.0118	0.438	0.0576	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394	0.0156	0.0000452	31.1	34.9	0.226	0.0116	444	0.0416	0.00226	0.0000823	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00247	1.32E-23
2031 Dec	2720	1.14	4.42	0.126	1480	0.253	638	2.58E-24	2E-25	0.00000334	0.0124	0.0118	0.438	0.0577	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394	0.0156	0.0000452	31.1	34.9	0.226	0.0116	444	0.0416	0.00226	0.0000824	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00247	1.32E-23
2032 Jan	2720	1.14	4.42	0.126	1480	0.253	638	2.58E-24	2E-25	0.00000334	0.0124	0.0118	0.438	0.0577	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394	0.0156	0.0000452	31.1	34.9	0.226	0.0116	444	0.0416	0.00226	0.0000824	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00247	1.32E-23
2032 Feb	2720	1.14	4.42	0.126	1480	0.253	638	2.58E-24	2E-25	0.00000334	0.0124	0.0118	0.438	0.0577	0.0000125	64.5	0.00011	0.00574	0.000593	0.00394	0.0156	0.0000452	31.1	34.9	0.226	0.0116	444	0.0416	0.00226	0.0000824	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00247	1.32E-23
2032 Mar	2720	1.14	4.42	0.126	1480	0.253	638	2.58E-24	2E-25	0.00000334	0.0125	0.0118	0.439	0.0577	0.0000125	64.6	0.00011	0.00574	0.000593	0.00394	0.0156	0.0000452	31.1	34.9	0.226	0.0116	444	0.0417	0.00226	0.0000824	0.00247	0.00125	1.65	0.00000426	0.0101	0.00124	0.00247	1.32E-23
2032 Apr	2730	1.14	4.43	0.126	1480	0.254	639	2.59E-24	2E-25	0.00000335	0.0125	0.0118	0.44	0.0578	0.0000126	64.7	0.00011	0.00575	0.000595	0.00395	0.0156	0.0000453	31.2	35	0.226	0.0117	445	0.0418	0.00226	0.0000826	0.00248	0.00125	1.66	0.00000427	0.0101	0.00124	0.00248	1.33E-23
2032 May	2760	1.15	4.48	0.127	1500	0.256	646	2.53E-24	1.96E-25	0.00000339	0.0126	0.0119	0.444	0.0584	0.0000127	65.4	0.000111	0.00581	0.000601	0.00399	0.0158	0.0000458	31.5	35.3	0.228	0.0118	450	0.0422	0.00228	0.0000834	0.0025	0.00126	1.67	0.00000431	0.0102	0.00126	0.00251	1.3E-23

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2032 Jun	2710	1.13	4.39	0.125	1470	0.251	633	4.35E-24	3.37E-25	0.00000332	0.0124	0.0117	0.435	0.0573	0.0000125	64.1	0.000109	0.0057	0.000589	0.00391	0.0155	0.0000449	30.9	34.6	0.224	0.0115	441	0.0414	0.00224	0.0000818	0.00246	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	2.23E-23
2032 Jul	2750	1.15	4.46	0.127	1490	0.255	644	6.88E-24	5.34E-25	0.00000337	0.0126	0.0119	0.443	0.0582	0.0000127	65.1	0.000111	0.00579	0.000599	0.00398	0.0157	0.0000456	31.4	35.2	0.228	0.0117	448	0.042	0.00228	0.0000831	0.0025	0.00126	1.67	0.0000043	0.0102	0.00125	0.0025	3.53E-23
2032 Aug	2770	1.16	4.5	0.128	1510	0.258	649	8.04E-24	6.24E-25	0.0000034	0.0127	0.012	0.446	0.0587	0.0000128	65.7	0.000112	0.00584	0.000604	0.00401	0.0159	0.0000046	31.7	35.5	0.23	0.0118	452	0.0424	0.0023	0.0000838	0.00252	0.00127	1.68	0.00000433	0.0103	0.00126	0.00252	4.13E-23
2032 Sep	2790	1.17	4.53	0.129	1520	0.26	654	7.85E-24	6.09E-25	0.00000343	0.0128	0.0121	0.45	0.0591	0.0000129	66.2	0.000113	0.00588	0.000608	0.00404	0.016	0.0000464	31.9	35.7	0.231	0.0119	455	0.0427	0.00231	0.0000844	0.00253	0.00128	1.69	0.00000437	0.0103	0.00127	0.00254	4.03E-23
2032 Oct	2800	1.17	4.54	0.129	1520	0.26	655	4.97E-24	3.86E-25	0.00000343	0.0128	0.0121	0.45	0.0592	0.0000129	66.3	0.000113	0.00589	0.000609	0.00404	0.016	0.0000464	32	35.8	0.232	0.0119	456	0.0428	0.00232	0.0000846	0.00254	0.00128	1.7	0.00000437	0.0104	0.00127	0.00254	2.55E-23
2032 Nov	2780	1.16	4.51	0.128	1510	0.258	651	3.8E-24	2.95E-25	0.00000341	0.0127	0.012	0.447	0.0588	0.0000128	65.9	0.000112	0.00586	0.000605	0.00402	0.0159	0.0000461	31.8	35.6	0.23	0.0119	453	0.0425	0.0023	0.0000841	0.00252	0.00127	1.69	0.00000434	0.0103	0.00127	0.00252	1.95E-23
2032 Dec	2750	1.15	4.47	0.127	1500	0.256	644	2.86E-24	2.22E-25	0.00000338	0.0126	0.0119	0.443	0.0582	0.0000127	65.2	0.000111	0.0058	0.000599	0.00398	0.0158	0.0000457	31.4	35.2	0.228	0.0117	448	0.0421	0.00228	0.0000832	0.0025	0.00126	1.67	0.0000043	0.0102	0.00125	0.0025	1.47E-23
2033 Jan	2750	1.15	4.47	0.127	1500	0.256	644	2.86E-24	2.22E-25	0.00000338	0.0126	0.0119	0.443	0.0582	0.0000127	65.2	0.000111	0.0058	0.000599	0.00398	0.0158	0.0000457	31.4	35.2	0.228	0.0117	448	0.0421	0.00228	0.0000832	0.0025	0.00126	1.67	0.0000043	0.0102	0.00125	0.0025	1.47E-23
2033 Feb	2750	1.15	4.47	0.127	1500	0.256	644	2.86E-24	2.22E-25	0.00000338	0.0126	0.0119	0.443	0.0582	0.0000127	65.2	0.000111	0.0058	0.000599	0.00398	0.0158	0.0000457	31.5	35.2	0.228	0.0117	448	0.0421	0.00228	0.0000832	0.0025	0.00126	1.67	0.0000043	0.0102	0.00125	0.0025	1.47E-23
2033 Mar	2750	1.15	4.47	0.127	1500	0.256	645	2.87E-24	2.22E-25	0.00000338	0.0126	0.0119	0.443	0.0583	0.0000127	65.3	0.000111	0.0058	0.0006	0.00398	0.0158	0.0000457	31.5	35.3	0.228	0.0118	449	0.0421	0.00228	0.0000833	0.0025	0.00126	1.67	0.00000431	0.0102	0.00126	0.0025	1.47E-23
2033 Apr	2770	1.16	4.5	0.128	1510	0.257	649	2.88E-24	2.24E-25	0.0000034	0.0127	0.012	0.446	0.0586	0.0000128	65.6	0.000112	0.00584	0.000603	0.00401	0.0159	0.000046	31.7	35.5	0.229	0.0118	451	0.0423	0.00229	0.0000837	0.00251	0.00127	1.68	0.00000433	0.0103	0.00126	0.00251	1.48E-23
2033 May	2770	1.16	4.5	0.128	1510	0.258	649	2.06E-24	1.6E-25	0.0000034	0.0127	0.012	0.446	0.0587	0.0000128	65.7	0.000112	0.00584	0.000603	0.00401	0.0159	0.0000046	31.7	35.5	0.23	0.0118	452	0.0424	0.0023	0.0000838	0.00252	0.00127	1.68	0.00000433	0.0103	0.00126	0.00252	1.06E-23
2033 Jun	2710	1.13	4.39	0.125	1470	0.251	634	1.95E-24	1.51E-25	0.00000332	0.0124	0.0117	0.436	0.0573	0.0000125	64.1	0.000109	0.0057	0.000589	0.00391	0.0155	0.0000449	30.9	34.6	0.224	0.0115	441	0.0414	0.00224	0.0000818	0.00246	0.00124	1.64	0.00000423	0.01	0.00123	0.00246	9.99E-24
2033 Jul	2870	1.2	4.65	0.132	1560	0.266	671	1.06E-23	8.21E-25	0.00000352	0.0131	0.0124	0.461	0.0607	0.0000132	67.9	0.000116	0.00604	0.000624	0.00415	0.0164	0.0000476	32.8	36.7	0.237	0.0122	467	0.0438	0.00237	0.0000867	0.0026	0.00131	1.74	0.00000448	0.0106	0.00131	0.0026	5.43E-23
2033 Aug	2860	1.19	4.64	0.132	1550	0.266	669	8.14E-24	6.32E-25	0.00000351	0.0131	0.0124	0.46	0.0605	0.0000132	67.7	0.000115	0.00602	0.000622	0.00413	0.0164	0.0000475	32.7	36.6	0.237	0.0122	466	0.0437	0.00237	0.0000864	0.00259	0.00131	1.73	0.00000447	0.0106	0.0013	0.0026	4.18E-23
2033 Sep	2720	1.13	4.41	0.125	1480	0.252	636	7.51E-24	5.82E-25	0.00000333	0.0124	0.0117	0.437	0.0575	0.0000125	64.3	0.00011	0.00572	0.000591	0.00393	0.0155	0.0000451	31	34.8	0.225	0.0116	442	0.0415	0.00225	0.0000821	0.00246	0.00124	1.65	0.00000434	0.0101	0.00124	0.00247	3.85E-23
2033 Oct	2670	1.11	4.33	0.123	1450	0.248	625	1.32E-24	1.03E-25	0.00000327	0.0122	0.0115	0.429	0.0565	0.0000123	63.2	0.000108	0.00562	0.000581	0.00386	0.0153	0.0000443	30.5	34.1	0.221	0.0114	435	0.0408	0.00221	0.0000807	0.00242	0.00122	1.62	0.00000417	0.00989	0.00122	0.00242	6.79E-24
2033 Nov	2670	1.11	4.33	0.123	1450	0.248	625	1.1E-24	8.53E-26	0.00000328	0.0122	0.0115	0.43	0.0565	0.0000123	63.3	0.000108	0.00563	0.000581	0.00386	0.0153	0.0000443	30.5	34.2	0.221	0.0114	435	0.0408	0.00221	0.0000807	0.00242	0.00122	1.62	0.00000417	0.0099	0.00122	0.00242	5.64E-24
2033 Dec	2670	1.12	4.34	0.123	1450	0.248	625	1.1E-24	8.53E-26	0.00000328	0.0122	0.0115	0.43	0.0565	0.0000123	63.3	0.000108	0.00563	0.000581	0.00386	0.0153	0.0000443	30.5	34.2	0.221	0.0114	435	0.0408	0.00221	0.0000808	0.00242	0.00122	1.62	0.00000417	0.0099	0.00122	0.00242	5.64E-24
2034 Jan	2670	1.12	4.34	0.123	1450	0.248	625	1.1E-24	8.53E-26	0.00000328	0.0122	0.0115	0.43	0.0565	0.0000123	63.3	0.000108	0.00563	0.000581	0.00386	0.0153	0.0000443	30.5	34.2	0.221	0.0114	435	0.0408	0.00221	0.0000808	0.00242	0.00122	1.62	0.00000417	0.0099	0.00122	0.00242	5.64E-24
2034 Feb	2670	1.12	4.34	0.123	1450	0.248	625	1.1E-24	8.53E-26	0.00000328	0.0122	0.0115	0.43	0.0565	0.0000123	63.3	0.000108	0.00563	0.000581	0.00386	0.0153	0.0000443	30.5	34.2	0.221	0.0114	435	0.0408	0.00221	0.0000808	0.00242	0.00122	1.62	0.00000417	0.0099	0.00122	0.00242	5.64E-24
2034 Mar	2670	1.12	4.34	0.123	1450	0.248	625	1.1E-24	8.53E-26	0.00000328	0.0122	0.0115	0.43	0.0565	0.0000123	63.3	0.000108	0.00563	0.000582	0.00386	0.0153	0.0000443	30.5	34.2	0.221	0.0114	435	0.0408	0.00221	0.0000808	0.00242	0.00122	1.62	0.00000418	0.0099	0.00122	0.00243	5.65E-24
2034 Apr	2680	1.12	4.34	0.123	1450	0.249	627	1.1E-24	8.55E-26	0.00000328	0.0122	0.0116	0.431	0.0566	0.0000123	63.4	0.000108	0.00564	0.000583	0.00387	0.0153	0.0000444	30.6	34.3	0.222	0.0114	436	0.0409	0.00222	0.0000809	0.00243	0.00122	1.62	0.00000418	0.00992	0.00122	0.00243	5.66E-24
2034 May	2680	1.11	4.33	0.123	1450	0.251	631	1.02E-24	7.93E-26	0.00000331	0.0123	0.0117	0.434	0.0571	0.0000124	63.9	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000447	30.8	34.5	0.223	0.0115	435	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00999	0.00123	0.00245	5.24E-24
2034 Jun	2540	1.03	4.01	0.114	1340	0.251	632	2.28E-24	1.77E-25	0.00000331	0.0123	0.0117	0.434	0.0571	0.0000124	64	0.000109	0.00569	0.000588	0.0039	0.0155	0.0000448	30.9	34.6	0.224	0.0115	402	0.0413	0.00224	0.0000816	0.00245	0.00123	1.64	0.00000422	0.01	0.00123	0.00245	1.17E-23
2034 Jul	2570	1.03	4.01	0.114	1340	0.262	660	7.56E-24	5.86E-25	0.00000346	0.0129	0.0122	0.454	0.0597	0.000013	66.8	0.000114	0.00594	0.000614	0.00408	0.0161	0.0000468	32.2	36.1	0.234	0.012	403	0.0431	0.00234	0.0000853	0.00256	0.00129	1.71	0.00000441	0.0105	0.00129	0.00256	3.88E-23
2034 Aug	2690	1.08	4.19	0.119	1400	0.274	691	1.03E-23	7.99E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	421	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.29E-23
2034 Sep	2510	1.01	3.91	0.111	1310	0.256	645	7.53E-24	5.84E-25	0.00000338	0.0126	0.0119	0.443	0.0583	0.0000127	65.3	0.000111	0.0058	0.0006	0.00398	0.0158	0.0000457	31.5	35.3	0.228	0.0118	392	0.0421	0.00228	0.0000833	0.0025	0.00126	1.67	0.00000431	0.0102	0.00126	0.0025	3.87E-23
2034 Oct	2440	0.978	3.8	0.108	1270	0.249	628	2.41E-24	1.87E-25	0.00000329	0.0123	0.0116	0.432	0.0567	0.0000123	63.5	0.000108	0.00565	0.000584	0.00388	0.0153	0.0000445	30.6	34.3	0.222	0.0114	382	0.041	0.00222	0.0000811	0.00243	0.00123	1.63	0.00000419	0.00994	0.00122	0.00243	1.24E-23
2034 Nov	2450	0.981	3.81	0.108	1280	0.25	629	2.14E-24	1.66E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00566	0.000585	0.00389	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00996	0.00122	0.00244	1.1E-23
2034 Dec	2450	0.981	3.82	0.108	1280	0.25	630	2.14E-24	1.66E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00566	0.000585	0.00389	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00996	0.00123	0.00244	1.1E-23
2035 Jan	2450	0.981	3.82	0.108	1280	0.25	630	2.14E-24	1.66E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00567	0.000585	0.00389	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.1E-23
2035 Feb	2450	0.981	3.82	0.108	1280	0.25	630	2.14E-24	1.66E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00567	0.000585	0.00389	0.0154	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.1E-23
2035 Mar	2450	0.982	3.82	0.108	1280	0.25	630	2.14E-24	1.66E-25	0.0000033	0.0123	0.0116	0.433	0.0569	0.0000124	63.7	0.000108	0.00567	0.000586	0.00389	0.0156	0.0000446	30.7	34.4	0.223	0.0115	383	0.0411	0.00223	0.0000813	0.00244	0.00123	1.63	0.0000042	0.00997	0.00123	0.00244	1.1E-23
2035 Apr	2460	0.984	3.83	0.109	1290	0.251	632	2.15E-24	1.66E-25	0.0000033	0.0123	0.0117	0.434	0.0571	0.0000124	63.9	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000448	30.8	34.5	0.223	0.0115	384	0.0412	0.00223	0.0000816	0.00245	0.00123	1.64	0.00000422	0.01	0.00123	0.00245	1.1E-23
2035 May	2480	0.99	3.85	0.109	1290	0.254	640	2.05E-24	1.59E-25	0.0000033	0.0125	0.0118	0.44	0.0579	0.0000126	64.8	0.00011	0.00576	0.000595	0.00395	0.0156	0.0000454	31.2	35	0.226	0.0117	386	0.0418	0.00226	0.0000827	0.00248	0.00125	1.66	0.00000427	0.0101	0.00125	0.00248	1.05E-23
2035 Jun	2520	0.88	3.42	0.0971	1150	0.25	630	1.69E-24	1.31E-25	0.00000333	0.0123	0.0116	0.433	0.057	0.0000124	63.8	0.000109	0.00567	0.000586	0.00389	0.0154	0.0000447	30.8	34.5	0.223	0.0115	343	0.0412	0.00223	0.0000814	0.00244	0.00123	1.63	0.00000423	0.00998	0.00123	0.00244	8.69E-24
2035 Jul	2370	0.91	3.54	0.1	1180	0.264	666	7.97E-24	6.18E-25	0.00000349	0.013	0.0123	0.458	0.0602	0.0000131	67.3	0.000115	0.00599	0.000619	0.00411	0.0163	0.0000472	32.5	36.4	0.235	0.0121	355	0.0435	0.00235	0.0000859	0.00258	0.0013	1.72	0.00000444	0.0105	0.0013	0.00258	4.09E-23
2035 Aug	2340	0.895	3.48	0.0988	1160	0.261	657	8.56E-24	6.64E-25	0.00000344	0.0128	0.0121	0.451	0.0594	0.0000129	66.4	0.000113	0.00591	0.000611	0.00406	0.0161	0.0000466	32.1	35.9	0.232	0.012	349	0.0429	0.00232	0.0000848	0.00255	0.00128	1.7	0.00000438	0.0104	0.00128	0.00255	4.39E-23
2035 Sep	2290	0.877	3.41	0.0969	1140	0.256	644	7.26E-24	5.63E-25	0.00000338	0.0126	0.0119	0.443	0.0582	0.0000127	65.2	0.000111	0.00579	0.000599	0.00398	0.0157	0.0000457	31.4	35.2	0.228	0.0117	342	0.0421	0.00228	0.0000832	0.0025	0.00126	1.67	0.0000043	0.0102	0.00125	0.0025	3.73E-23
2035 Oct	2280	0.874	3.4	0.0965	1140	0.254	641	4.37E-24	3.39E-25	0.00000336	0.0125	0.0118	0.441	0.058	0.0000126	64.9	0.00011	0.00577	0.000596	0.00396	0.0157	0.0000455	31.3	35.1	0.227	0.0117	341	0.0419	0.00227	0.0000828	0.00249	0.00125	1.66	0.00000428	0.0101	0.00125	0.00249	2.24E-23
2035 Nov	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00244	0.00123	1.63	0.00000421	0.00998	0.00123	0.00245	8.01E-24
2035 Dec	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00999	0.00123	0.00245	8.01E-24
2036 Jan	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00999	0.00123	0.00245	8.01E-24
2036 Feb	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00999	0.00123	0.00245	8.01E-24
2036 Mar	2240	0.859	3.34	0.0949	1120	0.25	631	1.56E-24	1.21E-25	0.00000331	0.0123	0.0116	0.434	0.057	0.0000124	63.8	0.000109	0.00568	0.000587	0.0039	0.0154	0.0000447	30.8	34.5	0.223	0.0115	335	0.0412	0.00223	0.0000815	0.00245	0.00123	1.63	0.00000421	0.00999	0.00123	0.00245	8.01E-24
2036 Apr	2250	0.86	3.35	0.095	1120	0.251	633	1.54E-24	1.2E-25	0.00000332	0.0123	0.0117	0.435	0.0572	0.0000124	64	0.000109	0.00569	0.000588	0.00391	0.0155	0.0000448	30.9	34.6	0.224	0.0115	336	0.0413	0.00224	0.0000817	0.00245	0.00124	1.64	0.00000422	0.01	0.00123	0.00245	7.93E-24
2036 May	2260	0.865	3.36	0.0956	1130	0.254	639	1.5E-24	1.16E-25	0.00000335	0.0125	0.0118	0.44	0.0578	0.0000126	64.7	0.00011	0.00575	0.000595	0.00395	0.0156	0.0000453	31.2	35	0.226	0.0117	338	0.0418	0.00226	0.0000826	0.00248	0.00125	1.66	0.00000427	0.0101	0.00124	0.00248	7.69E-24
2036 Jun	2120	0.782	3.04	0.0864	1020	0.252	636	3.46E-24	2.68E-25	0.00000333	0.0124	0.0117	0.437	0.0574	0.0000125	64.3	0.000109	0.00572	0.000591	0.00393	0.0155	0.0000451	31	34.7	0.225	0.0116	305	0.0415	0.00225	0.0000821	0.00246	0.00124	1.65	0.00000424	0.0101	0.00124	0.00246	1.78E-23
2036 Jul	2210	0.804	3.13	0.0888	1050	0.268	675	9.61E-24	7.46E-25	0.00000354	0.0132	0.0125	0.464	0.061	0.0000133	68.3	0.000116	0.00608	0.000628	0.00417	0.0165	0.0000479	33	36.9	0.239	0.0123	314	0.0441	0.00239	0.0000872	0.00262	0.00132	1.75	0.00000451	0.0107	0.00131	0.00262	4.93E-23
2036 Aug	2230	0.812	3.16	0.0896	1060	0.271	682	8.48E-24	6.58E-25	0.00000357	0.0133	0.0126	0.469	0.0616	0.0000134	69	0.000117	0.00613	0.000634	0.00421	0.0167	0.0000483	33.3	37.3	0.241	0.0124	317	0.0445	0.00241	0.000088	0.00264	0.00133	1.77	0.00000455	0.0108	0.00133	0.00264	4.35E-23
2036 Sep	2130	0.775	3.01	0.0856	1010	0.258	651	8.41E-24	6.52E-25	0.00000341	0.0127	0.012	0.447	0.0588	0.0000128	65.9	0.000112	0.00586	0.000605	0.00402	0.0159	0.0000461	31.8	35.6	0.23	0.0119	302	0.0425	0.0023	0.000084	0.00252	0.00127	1.69	0.00000434	0.0103	0.00127	0.00252	4.31E-23
2036 Oct	2090	0.763	2.97	0.0843	993	0.254	641	7.28E-24	5.65E-25	0.00000336	0.0125	0.0118	0.44	0.0579	0.0000126	64.8	0.00011	0.00577	0.000596	0.00396	0.0157	0.0000454	31.3	35	0.227	0.0117	298	0.0418	0.00227	0.0000827	0.00248	0.00125	1.66	0.00000428	0.0101	0.00125	0.00248	3.74E-23
2036 Nov	2070	0.756	2.94	0.0835	984	0.252	635	3.61E-24	2.8E-25	0.00000333	0.0124	0.0117	0.436	0.0574	0.0000125	64.2	0.000109	0.00571	0.00059	0.00392	0.0155	0.000045	31	34.7	0.224	0.0116	295	0.0415	0.00224	0.000082	0.00246	0.00124	1.64	0.00000424	0.01	0.00124	0.00246	1.85E-23
2036 Dec	2070	0.754	2.93	0.0832	981	0.251	633	2.94E-24	2.28E-25	0.00000332	0.0124	0.0117	0.435	0.0572	0.0000124	64.1	0.000109	0.0057	0.000589	0.00391	0.0155	0.0000449	30.9	34.6	0.224	0.0115	294	0.0413	0.00224	0.0000817	0.00245

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2039 Dec	171	0.158	0.526	0.0102	63	0.0436	37.1	0.00115	0.00104	0.00000553	0.00471	0.00166	0.0338	0.0154	0.00000611	16.6	0.0000156	0.00061	0.000193	0.00111	0.0317	0.00000552	2.69	4.44	0.0378	0.00066	31.9	0.00323	0.0195	0.000165	0.0002	0.000125	0.168	0.00000494	0.000458	0.000356	0.0013	0.0000466
2040 Jan	171	0.158	0.526	0.0102	63	0.0436	37.1	0.00115	0.00104	0.00000553	0.00471	0.00166	0.0338	0.0154	0.00000611	16.6	0.0000156	0.00061	0.000193	0.00111	0.0317	0.00000552	2.69	4.44	0.0378	0.00066	31.9	0.00323	0.0195	0.000165	0.0002	0.000125	0.168	0.00000494	0.000458	0.000356	0.0013	0.0000466
2040 Feb	171	0.158	0.526	0.0102	63	0.0436	37.1	0.00115	0.00104	0.00000553	0.00471	0.00166	0.0338	0.0154	0.00000611	16.6	0.0000156	0.00061	0.000193	0.00111	0.0317	0.00000552	2.69	4.44	0.0378	0.00066	31.9	0.00323	0.0195	0.000165	0.0002	0.000125	0.168	0.00000494	0.000458	0.000356	0.0013	0.0000466
2040 Mar	171	0.158	0.526	0.0102	63	0.0436	37.1	0.00115	0.00104	0.00000553	0.00471	0.00166	0.0338	0.0155	0.00000611	16.6	0.0000156	0.00061	0.000193	0.00111	0.0317	0.00000552	2.69	4.44	0.0378	0.00066	31.9	0.00323	0.0195	0.000165	0.0002	0.000125	0.168	0.00000494	0.000458	0.000356	0.0013	0.0000466
2040 Apr	171	0.158	0.526	0.0102	63	0.0436	37.1	0.00115	0.00104	0.00000553	0.00471	0.00166	0.0338	0.0155	0.00000611	16.6	0.0000156	0.00061	0.000193	0.00111	0.0317	0.00000552	2.69	4.44	0.0378	0.00066	31.9	0.00323	0.0195	0.000165	0.0002	0.000125	0.168	0.00000494	0.000458	0.000356	0.0013	0.0000466
2040 May	171	0.158	0.527	0.0102	63	0.0437	37.2	0.00115	0.00104	0.00000553	0.00471	0.00166	0.0339	0.0155	0.00000611	16.6	0.0000156	0.00061	0.000194	0.00111	0.0317	0.00000553	2.69	4.45	0.0379	0.00066	32	0.00323	0.0195	0.000165	0.000201	0.000125	0.168	0.00000494	0.000459	0.000356	0.0013	0.0000466
2040 Jun	168	0.153	0.504	0.00982	61	0.0433	36.7	0.00118	0.00105	0.00000558	0.00491	0.00168	0.0335	0.0164	0.00000614	17.3	0.0000162	0.000614	0.000206	0.00112	0.0348	0.00000592	2.7	4.44	0.0398	0.000661	30.6	0.00322	0.0215	0.000187	0.000207	0.000127	0.168	0.00000477	0.000453	0.00039	0.00135	0.0000444
2040 Jul	161	0.144	0.475	0.00934	58.1	0.0426	35.2	0.00119	0.00106	0.00000559	0.0049	0.00163	0.0322	0.0162	0.00000613	16.9	0.000016	0.000593	0.000203	0.00111	0.0348	0.00000585	2.63	4.29	0.0386	0.000637	29.1	0.00311	0.0215	0.000186	0.000202	0.000124	0.162	0.00000461	0.000435	0.000386	0.00135	0.0000419
2040 Aug	155	0.138	0.454	0.00899	55.9	0.042	34.2	0.00119	0.00106	0.00000558	0.00482	0.00158	0.0312	0.0158	0.00000609	16.5	0.0000156	0.000574	0.000197	0.0011	0.0338	0.00000566	2.56	4.16	0.037	0.000619	28	0.00301	0.0208	0.000178	0.000196	0.000121	0.156	0.00000448	0.00042	0.000371	0.00133	0.0000401
2040 Sep	151	0.132	0.437	0.00872	54	0.0416	33.5	0.00121	0.00106	0.00000556	0.00475	0.00155	0.0305	0.0155	0.00000605	16.3	0.0000152	0.000556	0.000193	0.00109	0.0328	0.00000548	2.52	4.06	0.0357	0.000608	27	0.00292	0.0201	0.000171	0.00019	0.00012	0.152	0.00000436	0.000408	0.000357	0.00131	0.0000394
2040 Oct	148	0.13	0.428	0.00856	53.1	0.0413	33	0.00121	0.00106	0.00000554	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000537	2.49	4	0.035	0.000599	26.5	0.00287	0.0197	0.000168	0.000187	0.000118	0.149	0.00000431	0.0004	0.00035	0.0013	0.0000387
2040 Nov	148	0.13	0.428	0.00856	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000537	2.49	4	0.035	0.000599	26.5	0.00288	0.0197	0.000168	0.000187	0.000118	0.15	0.00000431	0.000401	0.00035	0.0013	0.0000388
2040 Dec	148	0.13	0.428	0.00856	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000537	2.49	4	0.035	0.000599	26.5	0.00288	0.0197	0.000168	0.000187	0.000118	0.15	0.00000431	0.000401	0.00035	0.0013	0.0000388
2041 Jan	148	0.13	0.428	0.00856	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000537	2.49	4	0.035	0.000599	26.5	0.00288	0.0197	0.000168	0.000187	0.000118	0.15	0.00000431	0.000401	0.00035	0.0013	0.0000388
2041 Feb	148	0.13	0.428	0.00856	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000537	2.49	4	0.035	0.000599	26.5	0.00288	0.0197	0.000168	0.000187	0.000118	0.15	0.00000431	0.000401	0.00035	0.0013	0.0000388
2041 Mar	148	0.13	0.428	0.00856	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000538	2.49	4	0.035	0.000599	26.5	0.00288	0.0197	0.000168	0.000187	0.000118	0.15	0.00000431	0.000401	0.00035	0.0013	0.0000388
2041 Apr	148	0.13	0.428	0.00857	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000603	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000538	2.49	4	0.035	0.000599	26.5	0.00288	0.0197	0.000168	0.000187	0.000118	0.15	0.00000431	0.000401	0.00035	0.0013	0.0000388
2041 May	148	0.13	0.428	0.00857	53.1	0.0413	33	0.00121	0.00106	0.00000555	0.00471	0.00153	0.03	0.0153	0.00000604	16.1	0.000015	0.000546	0.000191	0.00108	0.0323	0.00000538	2.5	4.01	0.035	0.0006	26.5	0.00288	0.0198	0.000168	0.000187	0.000119	0.15	0.00000431	0.000401	0.000351	0.0013	0.0000388
2041 Jun	147	0.127	0.422	0.00846	52	0.0414	33.1	0.00124	0.00106	0.00000558	0.00486	0.00155	0.0304	0.0153	0.00000606	16.2	0.0000154	0.000559	0.00019	0.00108	0.0329	0.00000565	2.5	3.99	0.0348	0.000607	26	0.0029	0.0207	0.000166	0.000193	0.00012	0.149	0.00000422	0.000401	0.000359	0.00134	0.0000382
2041 Jul	142	0.12	0.401	0.00812	49.8	0.041	32.2	0.00125	0.00107	0.00000561	0.00498	0.00152	0.0298	0.0151	0.00000608	16	0.0000158	0.000549	0.000185	0.00108	0.0331	0.00000583	2.45	3.88	0.0337	0.000594	24.7	0.00285	0.0215	0.000162	0.000196	0.000118	0.144	0.00000409	0.000393	0.000362	0.00137	0.0000359
2041 Aug	138	0.116	0.386	0.00788	48.3	0.0406	31.4	0.00125	0.00107	0.0000056	0.00492	0.00149	0.029	0.0149	0.00000605	15.7	0.0000154	0.000534	0.000181	0.00107	0.0325	0.00000568	2.41	3.79	0.0326	0.00058	24	0.00278	0.021	0.000157	0.00019	0.000116	0.141	0.00000401	0.000381	0.000351	0.00136	0.0000348
2041 Sep	135	0.112	0.374	0.00769	46.9	0.0402	30.9	0.00126	0.00107	0.00000559	0.00486	0.00146	0.0285	0.0147	0.00000603	15.5	0.0000151	0.000519	0.000179	0.00106	0.0317	0.00000553	2.37	3.71	0.0317	0.00057	23.3	0.00271	0.0205	0.000152	0.000185	0.000114	0.137	0.00000394	0.000372	0.000341	0.00134	0.0000343
2041 Oct	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0145	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000546	2.36	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2041 Nov	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0145	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2041 Dec	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0145	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2042 Jan	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0145	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2042 Feb	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0145	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2042 Mar	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0145	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2042 Apr	133	0.111	0.368	0.00761	46.4	0.0401	30.7	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0146	0.00000602	15.4	0.000015	0.000514	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23	0.00268	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000368	0.000336	0.00133	0.0000344
2042 May	133	0.111	0.369	0.00762	46.4	0.0401	30.8	0.00127	0.00107	0.00000558	0.00483	0.00146	0.0283	0.0146	0.00000602	15.4	0.000015	0.000515	0.000177	0.00105	0.0314	0.00000547	2.37	3.69	0.0313	0.000568	23.1	0.00269	0.0202	0.00015	0.000184	0.000114	0.136	0.0000039	0.000369	0.000336	0.00133	0.0000344
2042 Jun	132	0.109	0.362	0.00752	45.6	0.0401	30.7	0.00129	0.00108	0.00000561	0.00492	0.00147	0.0284	0.0146	0.00000604	15.5	0.0000152	0.000518	0.000176	0.00106	0.0318	0.00000563	2.36	3.67	0.0311	0.00057	22.6	0.00269	0.0209	0.000149	0.000187	0.000115	0.135	0.0000039	0.000367	0.000341	0.00136	0.0000343
2042 Jul	128	0.105	0.349	0.00729	44.1	0.0398	30	0.00129	0.00108	0.00000562	0.00496	0.00144	0.0278	0.0144	0.00000604	15.3	0.0000153	0.00051	0.000173	0.00105	0.0318	0.00000568	2.33	3.59	0.0303	0.000559	21.8	0.00264	0.0212	0.000146	0.000187	0.000113	0.132	0.0000038	0.000359	0.00034	0.00137	0.0000326
2042 Aug	126	0.102	0.339	0.00712	42.9	0.0396	29.5	0.00128	0.00108	0.0000056	0.00491	0.00142	0.0274	0.0142	0.0000006	15	0.000015	0.000502	0.00017	0.00104	0.0313	0.00000561	2.3	3.53	0.0295	0.000552	21.3	0.0026	0.0209	0.000142	0.000183	0.000112	0.13	0.0000037	0.000353	0.000331	0.00135	0.0000316
2042 Sep	123	0.0988	0.33	0.00696	42	0.0392	28.9	0.00127	0.00107	0.00000558	0.00485	0.00139	0.0269	0.014	0.00000597	14.8	0.0000148	0.00049	0.000168	0.00103	0.0307	0.00000547	2.26	3.47	0.0288	0.000541	20.8	0.00255	0.0204	0.000138	0.000179	0.00011	0.127	0.0000036	0.000346	0.000323	0.00134	0.0000306
2042 Oct	122	0.0975	0.325	0.00688	41.5	0.0391	28.6	0.00127	0.00107	0.00000556	0.00482	0.00137	0.0266	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000536	20.5	0.00252	0.0201	0.000136	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2042 Nov	122	0.0975	0.325	0.00688	41.5	0.0391	28.6	0.00127	0.00107	0.00000556	0.00482	0.00137	0.0267	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000537	20.5	0.00252	0.0201	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2042 Dec	122	0.0975	0.325	0.00688	41.5	0.0391	28.6	0.00127	0.00107	0.00000556	0.00482	0.00137	0.0267	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000537	20.5	0.00252	0.0201	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2043 Jan	122	0.0975	0.325	0.00688	41.5	0.0391	28.6	0.00127	0.00107	0.00000556	0.00482	0.00137	0.0267	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000537	20.5	0.00252	0.0201	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2043 Feb	122	0.0975	0.325	0.00688	41.5	0.0391	28.6	0.00127	0.00107	0.00000556	0.00482	0.00137	0.0267	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000537	20.5	0.00252	0.0201	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2043 Mar	122	0.0975	0.325	0.00688	41.5	0.0391	28.6	0.00127	0.00107	0.00000556	0.00482	0.00137	0.0267	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000537	20.5	0.00252	0.0201	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2043 Apr	122	0.0975	0.325	0.00688	41.6	0.0391	28.6	0.00127	0.00107	0.00000557	0.00482	0.00137	0.0267	0.0139	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000541	2.25	3.44	0.0284	0.000537	20.5	0.00252	0.0201	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2043 May	122	0.0976	0.326	0.00689	41.6	0.0391	28.7	0.00127	0.00107	0.00000557	0.00483	0.00137	0.0267	0.014	0.00000596	14.7	0.0000146	0.000484	0.000167	0.00103	0.0304	0.00000542	2.25	3.44	0.0284	0.000537	20.6	0.00253	0.0202	0.000137	0.000177	0.000109	0.126	0.0000036	0.000343	0.000319	0.00133	0.0000301
2043 Jun	121	0.0966	0.322	0.00683	41.2	0.039	28.6	0.00126	0.00107	0.00000555	0.00481	0.00136	0.0266	0.0139	0.00000594	14.7	0.0000146	0.000484	0.000166	0.00103	0.0304	0.00000541	2.24	3.43	0.0283	0.000537	20.3	0.00253	0.0201	0.000136	0.000177	0.000109	0.126	0.0000036	0.000343	0.000318	0.00132	0.0000295
2043 Jul	119	0.0942	0.314	0.00668	40.3	0.0387	28	0.00126	0.00107	0.00000554	0.00475	0.00133	0.0261	0.0138	0.00000593	14.4	0.0000144	0.000475	0.000164	0.00102	0.03	0.00000529	2.21	3.37	0.0276	0.000526	19.9	0.00248	0.0197	0.000134	0.000173	0.000107	0.123	0.0000035	0.000336	0.000312	0.00131	0.0000286
2043 Aug	116	0.0919	0.306	0.00654	39.5	0.0385	27.4	0.00125	0.00107	0.00000553	0.00471	0.00131	0.0255	0.0136	0.00000591	14.2	0.0000141	0.000464	0.000161	0.00102	0.0295	0.00000517	2.18	3.31	0.027	0.000515	19.5	0.00243	0.0192	0.000132	0.000169	0.000105	0.121	0.0000035	0.000329	0.000305	0.0013	0.0000279
2043 Sep	114	0.0896	0.298	0.0064	38.7	0.0381	26.8	0.00124	0.00107	0.00000552	0.00466	0.00128	0.025	0.0134	0.00000588	14.1	0.0000139	0.000453	0.00016	0.00101	0.029	0.00000504	2.15	3.26	0.0263	0.000505	19.1	0.00238	0.0188	0.000129	0.000165	0.000104	0.119	0.0000034	0.000347	0.000321	0.00129	0.0000271
2043 Oct	113	0.0885	0.294	0.00633	38.3	0.038	26.5	0.00124	0.00106	0.00000551	0.00463	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000447	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.000499	18.9	0.00235	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2043 Nov	113	0.0885	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000551	0.00464	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2043 Dec	113	0.0885	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000551	0.00464	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2044 Jan	113	0.0885	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000551	0.00464	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2044 Feb	113	0.0885	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000551	0.00464	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2044 Mar	113	0.0885	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000551	0.00464	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2044 Apr	113	0.0885	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000551	0.00464	0.00126	0.0248	0.0134	0.00000587	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.00000499	2.13	3.23	0.026	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000267
2044 May	113	0.0886	0.295	0.00633	38.3	0.038	26.6	0.00124	0.00106	0.00000552	0.00464	0.00126	0.0248	0.0134	0.00000588	14	0.0000138	0.000448	0.000159	0.00101	0.0288	0.000005	2.13	3.24	0.0261	0.0005	18.9	0.00236	0.0187	0.000128	0.000164	0.000103	0.118	0.0000034	0.000345	0.000318	0.00129	0.0000268
2044 Jun	112	0.0875	0.291	0.00626	37.9	0.0379	26.3	0.00123	0.00106	0.0000055	0.00463	0.00125	0.0246	0.0133	0.00000585	13.9	0.0000137	0.000447	0.000158	0.00101	0.0287

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2047 Jun	111	0.0862	0.288	0.00617	37.3	0.038	26.4	0.00122	0.00106	0.0000055	0.00469	0.00125	0.0251	0.0134	0.00000585	13.9	0.0000014	0.00046	0.000158	0.00101	0.0291	0.00000513	2.12	3.23	0.0259	0.000502	18.4	0.00239	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.000319	0.000301	0.00129	0.0000025
2047 Jul	111	0.0864	0.288	0.00618	37.3	0.0381	26.4	0.00123	0.00106	0.00000551	0.0047	0.00125	0.0251	0.0134	0.00000586	14	0.0000014	0.0000461	0.000159	0.00101	0.0292	0.00000514	2.13	3.24	0.026	0.000503	18.4	0.0024	0.0191	0.000128	0.000167	0.000103	0.117	0.00000337	0.00032	0.000301	0.00129	0.0000025
2047 Aug	111	0.0865	0.289	0.00619	37.4	0.0382	26.5	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000587	14	0.0000014	0.0000462	0.000159	0.00101	0.0292	0.00000515	2.13	3.24	0.026	0.000504	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000338	0.000321	0.000302	0.0013	0.0000251
2047 Sep	111	0.0865	0.289	0.0062	37.4	0.0382	26.5	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000587	14	0.0000014	0.0000462	0.000159	0.00101	0.0292	0.00000515	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000338	0.000321	0.000302	0.0013	0.000025
2047 Oct	111	0.0865	0.289	0.0062	37.4	0.0382	26.5	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000515	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.00129	0.000025
2047 Nov	111	0.0865	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.00129	0.000025
2047 Dec	111	0.0865	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.0013	0.000025
2048 Jan	111	0.0865	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.0013	0.000025
2048 Feb	111	0.0865	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.0013	0.000025
2048 Mar	111	0.0865	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.13	3.24	0.026	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.0013	0.000025
2048 Apr	111	0.0865	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.0047	0.00126	0.0252	0.0134	0.00000586	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.13	3.24	0.0261	0.000505	18.4	0.0024	0.0192	0.000128	0.000168	0.000103	0.118	0.00000337	0.000321	0.000302	0.0013	0.000025
2048 May	111	0.0866	0.289	0.0062	37.4	0.0382	26.6	0.00123	0.00106	0.00000551	0.00471	0.00126	0.0252	0.0134	0.00000587	14	0.0000014	0.0000463	0.000159	0.00101	0.0292	0.00000516	2.14	3.25	0.0261	0.000506	18.4	0.00241	0.0192	0.000128	0.000168	0.000103	0.118	0.00000338	0.000321	0.000302	0.0013	0.000025
2048 Jun	111	0.0864	0.288	0.00618	37.3	0.0382	26.6	0.00122	0.00106	0.0000055	0.00472	0.00126	0.0253	0.0135	0.00000586	14	0.0000014	0.0000466	0.00016	0.00101	0.0294	0.0000052	2.14	3.25	0.0262	0.000506	18.4	0.00241	0.0194	0.000129	0.000169	0.000103	0.118	0.00000336	0.000322	0.000305	0.0013	0.0000249
2048 Jul	111	0.0863	0.288	0.00617	37.3	0.0382	26.6	0.00122	0.00106	0.0000055	0.00473	0.00126	0.0254	0.0135	0.00000585	14	0.0000014	0.0000468	0.00016	0.00101	0.0295	0.00000523	2.14	3.26	0.0263	0.000507	18.3	0.00242	0.0195	0.00013	0.00017	0.000103	0.118	0.00000336	0.000322	0.000306	0.0013	0.0000247
2048 Aug	111	0.0864	0.288	0.00618	37.3	0.0382	26.6	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0254	0.0135	0.00000585	14.1	0.0000014	0.0000468	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0263	0.000508	18.4	0.00242	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000323	0.000307	0.0013	0.0000248
2048 Sep	111	0.0865	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0254	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0263	0.000509	18.4	0.00242	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2048 Oct	111	0.0864	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0254	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0263	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2048 Nov	111	0.0864	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0264	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2048 Dec	111	0.0864	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0264	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2049 Jan	111	0.0864	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0264	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2049 Feb	111	0.0864	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0264	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2049 Mar	111	0.0864	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0264	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2049 Apr	111	0.0865	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.0000055	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0295	0.00000524	2.14	3.26	0.0264	0.000509	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2049 May	112	0.0865	0.288	0.00618	37.3	0.0382	26.7	0.00122	0.00106	0.00000551	0.00474	0.00126	0.0255	0.0135	0.00000586	14.1	0.0000014	0.0000469	0.00016	0.00102	0.0296	0.00000525	2.14	3.27	0.0264	0.00051	18.4	0.00243	0.0195	0.00013	0.00017	0.000104	0.118	0.00000336	0.000324	0.000307	0.0013	0.0000247
2049 Jun	111	0.0862	0.287	0.00616	37.2	0.0382	26.7	0.00122	0.00106	0.0000055	0.00475	0.00126	0.0255	0.0135	0.00000585	14.1	0.0000014	0.0000471	0.00016	0.00101	0.0296	0.00000528	2.14	3.26	0.0264	0.00051	18.3	0.00243	0.0196	0.00013	0.00017	0.000104	0.118	0.00000335	0.000324	0.000308	0.00131	0.0000245
2049 Jul	111	0.0861	0.287	0.00615	37.1	0.0382	26.7	0.00122	0.00106	0.00000549	0.00476	0.00126	0.0256	0.0135	0.00000585	14.1	0.0000014	0.0000472	0.00016	0.00101	0.0296	0.0000053	2.14	3.26	0.0264	0.000511	18.3	0.00244	0.0197	0.00013	0.00017	0.000104	0.118	0.00000334	0.000325	0.000309	0.00131	0.0000245
2049 Aug	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0256	0.0136	0.00000586	14.1	0.0000014	0.0000473	0.000161	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000512	18.3	0.00244	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.000309	0.00131	0.0000245
2049 Sep	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0256	0.0136	0.00000586	14.1	0.0000014	0.0000473	0.000161	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000512	18.3	0.00244	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.000309	0.00131	0.0000245
2049 Oct	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0135	0.00000585	14.1	0.0000014	0.0000473	0.00016	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000513	18.3	0.00244	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.000309	0.00131	0.0000245
2049 Nov	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0135	0.00000585	14.1	0.0000014	0.0000474	0.00016	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.00031	0.00131	0.0000245
2049 Dec	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0136	0.00000585	14.1	0.0000014	0.0000474	0.00016	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.00031	0.00131	0.0000245
2050 Jan	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0136	0.00000585	14.1	0.0000014	0.0000474	0.00016	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.00031	0.00131	0.0000245
2050 Feb	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0136	0.00000585	14.1	0.0000014	0.0000474	0.00016	0.00102	0.0297	0.00000531	2.15	3.27	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.00031	0.00131	0.0000245
2050 Mar	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0136	0.00000585	14.1	0.0000014	0.0000474	0.00016	0.00102	0.0297	0.00000532	2.15	3.27	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.00031	0.00131	0.0000245
2050 Apr	111	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0136	0.00000586	14.1	0.0000014	0.0000474	0.00016	0.00102	0.0297	0.00000532	2.15	3.27	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000326	0.00031	0.00131	0.0000245
2050 May	112	0.0863	0.288	0.00617	37.2	0.0383	26.8	0.00122	0.00106	0.0000055	0.00477	0.00127	0.0257	0.0136	0.00000586	14.1	0.0000014	0.0000474	0.000161	0.00102	0.0297	0.00000532	2.15	3.28	0.0264	0.000513	18.3	0.00245	0.0197	0.00013	0.00017	0.000104	0.119	0.00000335	0.000327	0.00031	0.00131	0.0000245
2050 Jun	111	0.0861	0.287	0.00616	37.1	0.0383	26.8	0.00122	0.00106	0.0000055	0.00478	0.00127	0.0257	0.0136	0.00000585	14.1	0.0000014	0.0000476	0.00016	0.00102	0.0297	0.00000534	2.15	3.28	0.0264	0.000514	18.3	0.00245	0.0198	0.00013	0.00017	0.000104	0.119	0.00000334	0.000327	0.00031	0.00131	0.0000244
2050 Jul	111	0.0861	0.287	0.00615	37.1	0.0383	26.8	0.00122	0.00106	0.00000549	0.00479	0.00127	0.0258	0.0135	0.00000585	14.1	0.0000014	0.0000477	0.00016	0.00102	0.0297	0.00000536	2.15	3.28	0.0265	0.000514	18.2	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000328	0.000311	0.00131	0.0000243
2050 Aug	112	0.0862	0.287	0.00616	37.1	0.0383	26.9	0.00122	0.00106	0.0000055	0.00479	0.00127	0.0258	0.0136	0.00000585	14.1	0.0000014	0.0000477	0.000161	0.00102	0.0298	0.00000537	2.15	3.28	0.0265	0.000515	18.2	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000328	0.000311	0.00132	0.0000243
2050 Sep	112	0.0862	0.287	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.00479	0.00127	0.0259	0.0136	0.00000585	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.15	3.28	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000311	0.00132	0.0000243
2050 Oct	112	0.0862	0.288	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.28	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2050 Nov	112	0.0863	0.288	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.29	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2050 Dec	112	0.0863	0.288	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.29	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2051 Jan	112	0.0863	0.288	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.29	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2051 Feb	112	0.0863	0.288	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.29	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2051 Mar	112	0.0863	0.288	0.00617	37.2	0.0383	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.29	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2051 Apr	112	0.0863	0.288	0.00617	37.2	0.0384	26.9	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000537	2.16	3.29	0.0265	0.000516	18.3	0.00246	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2051 May	112	0.0863	0.288	0.00618	37.2	0.0384	27	0.00122	0.00106	0.0000055	0.0048	0.00127	0.0259	0.0136	0.00000586	14.1	0.0000014	0.0000478	0.000161	0.00102	0.0298	0.00000538	2.16	3.29	0.0265	0.000517	18.3	0.00247	0.0199	0.00013	0.00017	0.000104	0.119	0.00000334	0.000329	0.000312	0.00132	0.0000243
2051 Jun	112	0.086	0.286	0.00614	37	0.0384	27	0.00122	0.00106	0.0000055	0.00482	0.00127	0.0261	0.0136	0.00000585	14.2	0.0000014	0.0000484	0.000162	0.00102	0.03	0.00000543	2.16	3.3	0.0267	0.000519	18.2	0.00248	0.0201	0.000132	0.000176	0.000105	0.12	0.00000333	0.00033	0.000315	0.00132	0.0000241
2051 Jul	112	0.086	0.286	0.00614	37	0.0384	27	0.00122	0.00106	0.0000055	0.00482	0.00128	0.0261	0.0136	0.00000585	14.2	0.0000014	0.0000485	0.000162	0.00102	0.0301	0.00000545	2.16	3.3	0.0268	0.000519	18.2	0.00249	0.0202	0.000132	0.000176	0.000105	0.12	0.00000333	0.000331	0.000316	0.00132	0.000024
2051 Aug	112	0.0861	0.287	0.00615	37.1	0.0384	27.1	0.00122	0.00106	0.00000549	0.00483	0.00128	0.0262	0.0137	0.00000585	14.2	0.0000014	0.0000486	0.000162	0.00102	0.0301	0.00000545	2.16	3.31	0.0268	0.00052	18.2	0.00249	0.0202	0.000132	0.000176	0.000105	0.12	0.00000333	0.000332	0.000316	0.00132	0.0000241
2051 Sep	112	0.086	0.287	0.00615	37	0.0384	27.1	0.00122	0.00106	0.00000549	0.00483	0.00128	0.0262	0.0137	0.00000585	14.2	0.0000014	0.0000486	0.000162	0.00102	0.0301	0.00000546	2.17	3.31	0.0268	0.000521	18.2	0.00249	0.0202	0.000132	0.000176	0.000105	0.12	0.00000332	0.000332	0.000316	0.00132	0.000024
2051 Oct	111	0.0859	0.286	0.00614	37	0.0384	27.1	0.00121	0.00106	0.00000548	0.00483	0.00128	0.0262	0.0136	0.00000584	14.2	0.0000014	0.0000487	0.000162	0.00102	0.0301	0.00000547	2.16	3.31	0.0268	0.000521	18.1	0.0025	0.0202	0.000132	0.000177	0.000105	0.12	0.00000332	0.000332	0.000317	0.00132	0.0000239
2051 Nov	112	0.0859	0.286	0.00614	37	0.0384	27.1	0.00121	0.00106	0.00000548	0.00483	0.00128	0.0262	0.0136	0.00000584	14.2	0.0000014	0.0000487	0.000162	0.00102	0.0301	0.00000547	2.16	3.31	0.0268	0.000521	18.1	0.0025	0.0202	0.000132	0.000177	0.000105	0.12	0.00000332

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2054 Dec	113	0.0866	0.287	0.00616	37.1	0.0389	27.8	0.00121	0.00106	0.0000055	0.00491	0.0013	0.0271	0.014	0.00000586	14.5	0.0000149	0.000508	0.000167	0.00103	0.031	0.00000566	2.21	3.4	0.0279	0.000538	18.1	0.00258	0.0208	0.000138	0.000182	0.000107	0.123	0.00000331	0.000344	0.000329	0.00134	0.0000236
2055 Jan	113	0.0866	0.287	0.00616	37.1	0.0389	27.8	0.00121	0.00106	0.0000055	0.00491	0.0013	0.0271	0.014	0.00000586	14.5	0.0000149	0.000508	0.000167	0.00103	0.031	0.00000566	2.21	3.4	0.0279	0.000538	18.1	0.00258	0.0208	0.000138	0.000182	0.000107	0.123	0.00000331	0.000344	0.000329	0.00134	0.0000236
2055 Feb	113	0.0866	0.287	0.00616	37.1	0.0389	27.8	0.00121	0.00106	0.0000055	0.00491	0.0013	0.0271	0.014	0.00000586	14.5	0.0000149	0.000508	0.000167	0.00103	0.031	0.00000566	2.21	3.4	0.0279	0.000538	18.1	0.00258	0.0208	0.000138	0.000182	0.000107	0.123	0.00000331	0.000344	0.000329	0.00134	0.0000236
2055 Mar	113	0.0866	0.287	0.00616	37.1	0.0389	27.8	0.00121	0.00106	0.0000055	0.00491	0.0013	0.0271	0.014	0.00000586	14.5	0.0000149	0.000508	0.000167	0.00103	0.031	0.00000566	2.21	3.4	0.0279	0.000538	18.1	0.00258	0.0208	0.000138	0.000182	0.000107	0.123	0.00000331	0.000344	0.000329	0.00134	0.0000236
2055 Apr	113	0.0866	0.287	0.00616	37.1	0.0389	27.8	0.00121	0.00106	0.0000055	0.00491	0.0013	0.0271	0.014	0.00000586	14.5	0.0000149	0.000508	0.000167	0.00103	0.031	0.00000566	2.21	3.4	0.0279	0.000538	18.1	0.00258	0.0209	0.000138	0.000182	0.000107	0.123	0.00000331	0.000344	0.000329	0.00134	0.0000236
2055 May	113	0.0866	0.287	0.00616	37.1	0.0389	27.9	0.00121	0.00106	0.0000055	0.00491	0.0013	0.0271	0.014	0.00000586	14.5	0.0000149	0.000509	0.000167	0.00103	0.031	0.00000566	2.21	3.4	0.0279	0.000539	18.1	0.00259	0.0209	0.000138	0.000183	0.000107	0.123	0.00000331	0.000344	0.000329	0.00134	0.0000236
2055 Jun	113	0.0863	0.286	0.00614	37	0.0389	27.9	0.00121	0.00106	0.00000549	0.00492	0.00131	0.0273	0.014	0.00000585	14.5	0.000015	0.000512	0.000167	0.00103	0.0311	0.0000057	2.21	3.41	0.028	0.00054	18.1	0.0026	0.021	0.000139	0.000184	0.000107	0.123	0.0000033	0.000344	0.000331	0.00134	0.0000234
2055 Jul	113	0.0863	0.285	0.00613	36.9	0.039	27.9	0.00121	0.00106	0.00000549	0.00493	0.00131	0.0273	0.014	0.00000585	14.6	0.000015	0.000514	0.000168	0.00104	0.0312	0.00000572	2.21	3.41	0.028	0.000541	18	0.0026	0.0211	0.000139	0.000184	0.000107	0.123	0.0000033	0.000345	0.000332	0.00135	0.0000233
2055 Aug	113	0.0864	0.286	0.00614	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000573	2.22	3.42	0.0281	0.000542	18.1	0.00261	0.0211	0.000139	0.000184	0.000108	0.124	0.0000033	0.000346	0.000332	0.00135	0.0000234
2055 Sep	113	0.0864	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000573	2.22	3.42	0.0281	0.000542	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000346	0.000333	0.00135	0.0000234
2055 Oct	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000346	0.000333	0.00135	0.0000234
2055 Nov	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2055 Dec	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2056 Jan	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2056 Feb	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2056 Mar	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2056 Apr	113	0.0865	0.286	0.00615	37	0.039	28	0.00121	0.00106	0.0000055	0.00494	0.00131	0.0274	0.0141	0.00000587	14.6	0.0000151	0.000515	0.000168	0.00104	0.0312	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.000139	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2056 May	113	0.0865	0.286	0.00615	37	0.0391	28	0.00121	0.00106	0.0000055	0.00495	0.00131	0.0274	0.0141	0.00000587	14.6	0.0000151	0.000516	0.000168	0.00104	0.0313	0.00000574	2.22	3.42	0.0281	0.000543	18.1	0.00261	0.0211	0.00014	0.000185	0.000108	0.124	0.0000033	0.000347	0.000333	0.00135	0.0000234
2056 Jun	113	0.0862	0.285	0.00612	36.9	0.039	28	0.00121	0.00106	0.00000549	0.00495	0.00131	0.0274	0.0141	0.00000586	14.6	0.0000151	0.000517	0.000169	0.00104	0.0315	0.00000577	2.22	3.43	0.0283	0.000543	18	0.0026	0.0213	0.000141	0.000186	0.000108	0.124	0.0000033	0.000347	0.000336	0.00135	0.0000232
2056 Jul	113	0.0864	0.285	0.00614	37	0.0391	28.1	0.00121	0.00106	0.0000055	0.00496	0.00131	0.0275	0.0142	0.00000586	14.7	0.0000152	0.000518	0.000169	0.00104	0.0315	0.00000578	2.23	3.43	0.0284	0.000544	18	0.0026	0.0213	0.000142	0.000186	0.000108	0.124	0.0000033	0.000348	0.000336	0.00135	0.0000232
2056 Aug	113	0.0865	0.286	0.00614	37	0.0391	28.1	0.00121	0.00106	0.0000055	0.00496	0.00132	0.0275	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000545	18	0.0026	0.0213	0.000142	0.000186	0.000108	0.124	0.0000033	0.000348	0.000337	0.00135	0.0000232
2056 Sep	114	0.0866	0.286	0.00615	37.1	0.0391	28.1	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2056 Oct	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2056 Nov	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2056 Dec	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2057 Jan	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2057 Feb	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2057 Mar	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2057 Apr	114	0.0866	0.286	0.00615	37.1	0.0391	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000587	14.7	0.0000152	0.000519	0.00017	0.00104	0.0316	0.00000579	2.23	3.44	0.0284	0.000546	18.1	0.00263	0.0213	0.000142	0.000186	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2057 May	114	0.0866	0.286	0.00616	37.1	0.0392	28.2	0.00121	0.00106	0.00000551	0.00497	0.00132	0.0276	0.0142	0.00000588	14.7	0.0000152	0.00052	0.00017	0.00104	0.0316	0.0000058	2.23	3.44	0.0285	0.000547	18.1	0.00263	0.0213	0.000142	0.000187	0.000108	0.125	0.0000033	0.000349	0.000337	0.00135	0.0000233
2057 Jun	114	0.0864	0.285	0.00613	37	0.0391	28.2	0.00121	0.00106	0.0000055	0.00498	0.00132	0.0277	0.0143	0.00000587	14.8	0.0000153	0.000522	0.000171	0.00104	0.0319	0.00000583	2.24	3.45	0.0287	0.000547	18	0.0026	0.0215	0.000144	0.000187	0.000108	0.125	0.0000033	0.00035	0.000341	0.00136	0.0000231
2057 Jul	114	0.0865	0.285	0.00614	37	0.0392	28.2	0.00121	0.00106	0.0000055	0.00499	0.00132	0.0277	0.0143	0.00000587	14.8	0.0000153	0.000523	0.000171	0.00104	0.0319	0.00000584	2.24	3.46	0.0288	0.000548	18	0.0026	0.0215	0.000144	0.000188	0.000109	0.125	0.0000033	0.000351	0.000341	0.00136	0.0000231
2057 Aug	114	0.0867	0.286	0.00615	37.1	0.0392	28.3	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000588	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.24	3.46	0.0288	0.00055	18	0.0026	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000342	0.00136	0.0000231
2057 Sep	114	0.0868	0.286	0.00616	37.1	0.0393	28.3	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.00055	18.1	0.0026	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000342	0.00136	0.0000232
2057 Oct	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000342	0.00136	0.0000232
2057 Nov	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000342	0.00136	0.0000232
2057 Dec	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000343	0.00136	0.0000232
2058 Jan	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000343	0.00136	0.0000232
2058 Feb	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000343	0.00136	0.0000232
2058 Mar	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000343	0.00136	0.0000232
2058 Apr	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.005	0.00133	0.0278	0.0143	0.00000589	14.8	0.0000153	0.000525	0.000172	0.00105	0.032	0.00000586	2.25	3.47	0.0289	0.000551	18.1	0.00265	0.0216	0.000145	0.000188	0.000109	0.126	0.0000033	0.000352	0.000343	0.00136	0.0000232
2058 May	114	0.0868	0.286	0.00616	37.1	0.0393	28.4	0.00121	0.00106	0.0000055	0.00501	0.00133	0.0279	0.0144	0.00000589	14.9	0.0000154	0.000528	0.000173	0.00105	0.0321	0.00000588	2.25	3.48	0.029	0.000552	18.1	0.00266	0.0217	0.000146	0.000189	0.000109	0.126	0.0000033	0.000353	0.000344	0.00136	0.0000231
2058 Jun	114	0.0865	0.284	0.00612	36.9	0.0394	28.5	0.00121	0.00106	0.0000055	0.00502	0.00134	0.0282	0.0145	0.00000587	15	0.0000155	0.000536	0.000175	0.00105	0.0325	0.00000594	2.26	3.51	0.0296	0.000555	17.9	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.0000033	0.000355	0.00035	0.00137	0.0000229
2058 Jul	114	0.0866	0.284	0.00612	37	0.0394	28.6	0.00121	0.00106	0.0000055	0.00503	0.00134	0.0282	0.0145	0.00000588	15	0.0000155	0.000537	0.000176	0.00105	0.0326	0.00000595	2.26	3.51	0.0296	0.000556	18	0.00269	0.0219	0.00015	0.000191	0.00011	0.127	0.0000033	0.000356	0.000351	0.00137	0.0000229
2058 Aug	115	0.0868	0.285	0.00613	37	0.0395	28.6	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000538	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000356	0.000352	0.00137	0.0000229
2058 Sep	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000538	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2058 Oct	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2058 Nov	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2058 Dec	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2059 Jan	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2059 Feb	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2059 Mar	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.127	0.0000033	0.000357	0.000352	0.00137	0.0000229
2059 Apr	115	0.0868	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15	0.0000155	0.000539	0.000176	0.00105	0.0326	0.00000596	2.27	3.52	0.0297	0.000558	18	0.0027	0.0219	0.00015	0.000192	0.00011	0.128	0.0000033	0.000357	0.000352	0.00137	0.0000229
2059 May	115	0.0869	0.285	0.00614	37.1	0.0395	28.7	0.00121	0.00106	0.0000055	0.00504	0.00134	0.0283	0.0146	0.00000589	15.1	0.0000155	0.000539	0.000176	0.00106	0.0327	0.00000597	2.27	3.53	0.0297	0.000559	18	0.00271	0.022	0.000151	0.000192	0.00011	0.128	0.0000033	0.000358	0.000352	0.00137	0.0000229
2059 Jun	115	0.0868	0.284	0.00613	37	0.0395	28.8	0.00121	0.00106	0.0000055	0.00505	0.00135	0.0284	0.0147	0.00000589	15.1	0.0000156	0

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2062 Jun	116	0.0874	0.283	0.00611	37.1	0.0401	29.5	0.00121	0.00106	0.00000553	0.00514	0.00138	0.0294	0.0152	0.00000591	15.6	0.000016	0.000567	0.000186	0.00108	0.0343	0.00000622	2.33	3.65	0.0316	0.000578	17.9	0.00281	0.0229	0.000164	0.000199	0.000114	0.132	0.00000327	0.000369	0.000373	0.00139	0.0000223
2062 Jul	116	0.0873	0.282	0.00611	37	0.0401	29.5	0.00121	0.00106	0.00000553	0.00515	0.00138	0.0294	0.0152	0.00000591	15.6	0.000016	0.000568	0.000186	0.00108	0.0344	0.00000623	2.33	3.65	0.0316	0.000579	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000327	0.00037	0.000374	0.00139	0.0000223
2062 Aug	116	0.0874	0.282	0.00611	37.1	0.0401	29.6	0.00121	0.00106	0.00000554	0.00515	0.00138	0.0295	0.0152	0.00000591	15.6	0.000016	0.000569	0.000186	0.00108	0.0344	0.00000624	2.33	3.66	0.0317	0.00058	17.9	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000327	0.000371	0.000374	0.00139	0.0000223
2062 Sep	116	0.0874	0.282	0.00611	37.1	0.0401	29.6	0.00121	0.00106	0.00000553	0.00515	0.00138	0.0295	0.0152	0.00000591	15.6	0.000016	0.000569	0.000186	0.00108	0.0344	0.00000624	2.33	3.66	0.0317	0.00058	17.9	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000327	0.000371	0.000374	0.00139	0.0000223
2062 Oct	116	0.0871	0.281	0.00609	36.9	0.04	29.5	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2062 Nov	116	0.0871	0.281	0.00609	36.9	0.04	29.5	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2062 Dec	116	0.0871	0.281	0.00609	36.9	0.04	29.5	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2063 Jan	116	0.0871	0.281	0.00609	36.9	0.04	29.5	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2063 Feb	116	0.0871	0.281	0.00609	36.9	0.04	29.5	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2063 Mar	116	0.0871	0.281	0.00609	36.9	0.04	29.6	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2063 Apr	116	0.0871	0.281	0.00609	36.9	0.0401	29.6	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0343	0.00000625	2.33	3.65	0.0316	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2063 May	116	0.0871	0.281	0.00609	36.9	0.0401	29.6	0.0012	0.00106	0.00000552	0.00515	0.00138	0.0295	0.0152	0.00000589	15.6	0.000016	0.00057	0.000186	0.00108	0.0344	0.00000626	2.33	3.66	0.0317	0.000581	17.8	0.00282	0.023	0.000164	0.0002	0.000114	0.132	0.00000326	0.000371	0.000374	0.00139	0.0000221
2063 Jun	115	0.0867	0.278	0.00603	36.6	0.0399	29.4	0.0012	0.00105	0.00000549	0.00516	0.00138	0.0294	0.0153	0.00000586	15.6	0.000016	0.00057	0.000187	0.00107	0.0347	0.00000629	2.32	3.65	0.0319	0.00058	17.6	0.00282	0.0232	0.000166	0.0002	0.000113	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000218
2063 Jul	115	0.0867	0.278	0.00603	36.6	0.0399	29.4	0.0012	0.00105	0.00000549	0.00516	0.00138	0.0294	0.0153	0.00000587	15.6	0.000016	0.000571	0.000188	0.00107	0.0347	0.00000629	2.33	3.65	0.0319	0.00058	17.6	0.00282	0.0232	0.000167	0.000201	0.000114	0.132	0.00000323	0.00037	0.000378	0.00139	0.0000218
2063 Aug	116	0.0869	0.278	0.00604	36.7	0.04	29.5	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000588	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.132	0.00000324	0.000371	0.000379	0.00139	0.0000218
2063 Sep	116	0.0869	0.279	0.00605	36.7	0.04	29.5	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000588	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2063 Oct	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000587	15.7	0.00000161	0.000572	0.000188	0.00108	0.0347	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2063 Nov	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000587	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2063 Dec	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000587	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2064 Jan	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000587	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2064 Feb	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000588	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000582	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2064 Mar	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000588	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000583	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2064 Apr	116	0.0869	0.278	0.00605	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00517	0.00138	0.0295	0.0153	0.00000588	15.7	0.00000161	0.000572	0.000188	0.00108	0.0348	0.00000631	2.33	3.66	0.032	0.000583	17.6	0.00283	0.0233	0.000167	0.000201	0.000114	0.133	0.00000324	0.000372	0.000379	0.00139	0.0000218
2064 May	116	0.0869	0.278	0.00604	36.7	0.04	29.6	0.0012	0.00105	0.0000055	0.00518	0.00139	0.0296	0.0154	0.00000588	15.7	0.00000161	0.000574	0.000188	0.00108	0.0349	0.00000633	2.33	3.67	0.0321	0.000583	17.6	0.00284	0.0234	0.000168	0.000202	0.000114	0.133	0.00000324	0.000372	0.00038	0.0014	0.0000218
2064 Jun	116	0.0865	0.276	0.006	36.5	0.0399	29.6	0.00119	0.00105	0.00000548	0.00518	0.00139	0.0297	0.0154	0.00000586	15.8	0.00000161	0.000577	0.00019	0.00108	0.0352	0.00000636	2.34	3.68	0.0325	0.000584	17.5	0.00285	0.0235	0.000171	0.000202	0.000114	0.133	0.00000322	0.000373	0.000384	0.0014	0.0000215
2064 Jul	116	0.0867	0.276	0.00601	36.5	0.04	29.6	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0297	0.0155	0.00000586	15.8	0.00000162	0.000578	0.000191	0.00108	0.0352	0.00000637	2.34	3.69	0.0325	0.000585	17.5	0.00285	0.0235	0.000171	0.000203	0.000114	0.133	0.00000322	0.000374	0.000385	0.0014	0.0000216
2064 Aug	116	0.0868	0.277	0.00602	36.6	0.04	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.000579	0.000191	0.00108	0.0352	0.00000637	2.34	3.69	0.0325	0.000586	17.5	0.00285	0.0235	0.000171	0.000203	0.000114	0.134	0.00000322	0.000374	0.000385	0.0014	0.0000216
2064 Sep	116	0.0868	0.277	0.00602	36.6	0.04	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.000579	0.000191	0.00108	0.0352	0.00000638	2.34	3.69	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000385	0.0014	0.0000216
2064 Oct	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000385	0.0014	0.0000216
2064 Nov	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000386	0.0014	0.0000216
2064 Dec	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000386	0.0014	0.0000216
2065 Jan	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000386	0.0014	0.0000216
2065 Feb	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000386	0.0014	0.0000216
2065 Mar	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000386	0.0014	0.0000216
2065 Apr	116	0.0868	0.277	0.00602	36.6	0.0401	29.7	0.00119	0.00105	0.00000549	0.00519	0.00139	0.0298	0.0155	0.00000587	15.8	0.00000162	0.00058	0.000191	0.00108	0.0353	0.00000638	2.35	3.7	0.0326	0.000587	17.5	0.00286	0.0236	0.000171	0.000203	0.000115	0.134	0.00000322	0.000375	0.000386	0.0014	0.0000216
2065 May	116	0.0868	0.277	0.00602	36.6	0.0401	29.8	0.00119	0.00105	0.0000055	0.0052	0.00139	0.0298	0.0155	0.00000587	15.9	0.00000162	0.000581	0.000191	0.00108	0.0353	0.00000639	2.35	3.7	0.0327	0.000588	17.5	0.00286	0.0236	0.000172	0.000203	0.000115	0.134	0.00000323	0.000375	0.000386	0.0014	0.0000216
2065 Jun	116	0.0867	0.276	0.006	36.5	0.0401	29.8	0.00119	0.00105	0.00000548	0.0052	0.0014	0.03	0.0156	0.00000586	15.9	0.00000163	0.000585	0.000193	0.00108	0.0355	0.00000642	2.35	3.72	0.0329	0.000589	17.5	0.00288	0.0237	0.000174	0.000204	0.000115	0.134	0.00000324	0.000376	0.000389	0.0014	0.0000214
2065 Jul	116	0.0868	0.276	0.00601	36.6	0.0402	29.9	0.00119	0.00105	0.00000549	0.00521	0.0014	0.03	0.0156	0.00000587	16	0.00000163	0.000586	0.000193	0.00108	0.0356	0.00000643	2.36	3.72	0.033	0.000591	17.5	0.00288	0.0237	0.000174	0.000205	0.000115	0.135	0.00000322	0.000377	0.00039	0.0014	0.0000214
2065 Aug	117	0.087	0.277	0.00602	36.6	0.0403	30	0.00119	0.00105	0.0000055	0.00522	0.0014	0.0301	0.0157	0.00000588	16	0.00000163	0.000587	0.000193	0.00109	0.0357	0.00000644	2.36	3.73	0.0331	0.000592	17.5	0.00289	0.0238	0.000175	0.000205	0.000116	0.135	0.00000323	0.000378	0.000391	0.00141	0.0000215
2065 Sep	117	0.087	0.277	0.00602	36.6	0.0402	30	0.00119	0.00105	0.0000055	0.00522	0.0014	0.0301	0.0157	0.00000588	16	0.00000163	0.000588	0.000193	0.00109	0.0357	0.00000644	2.36	3.73	0.0331	0.000593	17.5	0.00289	0.0238	0.000175	0.000205	0.000116	0.135	0.00000322	0.000379	0.000391	0.0014	0.0000214
2065 Oct	116	0.0868	0.276	0.00601	36.6	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.000589	0.000194	0.00109	0.0357	0.00000645	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000391	0.0014	0.0000214
2065 Nov	116	0.0868	0.276	0.006	36.5	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000391	0.0014	0.0000213
2065 Dec	116	0.0868	0.276	0.006	36.5	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000391	0.0014	0.0000213
2066 Jan	116	0.0868	0.276	0.006	36.5	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000391	0.0014	0.0000213
2066 Feb	116	0.0868	0.276	0.006	36.5	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000391	0.0014	0.0000213
2066 Mar	116	0.0868	0.276	0.00601	36.5	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000392	0.0014	0.0000213
2066 Apr	116	0.0868	0.276	0.00601	36.6	0.0402	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.36	3.74	0.0331	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000321	0.000379	0.000392	0.0014	0.0000213
2066 May	116	0.0869	0.276	0.00601	36.6	0.0403	30	0.00119	0.00105	0.00000549	0.00522	0.0014	0.0302	0.0157	0.00000587	16	0.00000163	0.00059	0.000194	0.00109	0.0357	0.00000646	2.37	3.74	0.0332	0.000594	17.5	0.0029	0.0238	0.000175	0.000206	0.000116	0.135	0.00000322	0.00038	0.000392	0.0014	0.0000214
2066 Jun	116	0.0866	0.274	0.00597	36.4	0.0402	30	0.00119	0.00105	0.00000548	0.00523	0.00141	0.0303	0.0157	0.00000585	16	0.00000164	0.000593	0.000194	0.00109	0.0359	0.00000649	2.36	3.74	0.0333	0.000595	17.4	0.0029	0.024	0.000176	0.000206	0.000116	0.135	0.0000032	0.00038	0.000394	0.0014	0.0000211
2066 Jul	116	0.0867	0.274	0.00598	36.4	0.0403	30.1	0.00119	0.00105	0.00000549	0.00524	0.00141	0.0303	0.0157	0.00000587	16.1	0.00000164	0.000594	0.000195	0.00109	0.036	0.00000651	2.37	3.75	0.0334	0.000597	17.4	0.00291	0.024	0.000177	0.000207	0.000116	0.136	0.00000321	0.000381	0.000395	0.00141	0.0000212
2066 Aug	117	0.0869	0.275	0.00599	36.5	0.0404	30.1	0.00119	0.00105	0.0000055	0.00525	0.00141	0.0304	0.0158	0.00000588	16.1	0.00000164	0.000595	0.000195	0.00109	0.036	0.00000652	2.37	3.76	0.0334	0.000598	17.4	0.00292	0.0241	0.000177	0.000207	0.000116	0.136	0.00000321	0.000382	0.000395	0.00141	0.0000212
2066 Sep	117	0.0869	0.275	0.006	36.5	0.0404	30.2	0.00119	0.00105	0.0000055	0.00525	0.00141	0.0304	0.0158	0.00000588	16.1	0.00000165	0.000596	0.000195	0.00109	0.036	0.00000653	2.38	3.76	0.0334	0.000599	17.4	0.00292	0.0241	0.000177	0.000207	0.000116	0.136	0.00000321	0.000382	0.000395	0.00141	0.0000212
2066 Oct	117	0.0869	0.275	0.006	36.5	0.0404	30.2	0.00119	0.00105	0.00000549	0.00525	0.00141	0.0304	0.0158	0.00000587	16.1	0.00000164	0.000596	0.000195	0.00109	0.036	0.00000653	2.38	3.76	0.0334	0.000599	17.4	0.00292	0.0241	0.000177	0.000207	0.000116	0.136	0.00000321	0.000382	0.000395	0.00141	0.0000212
2066 Nov	117	0.0869	0.275	0.006	36.5	0.0404	30.2	0.00119	0.00105	0.00000549	0.00525	0.00141	0.0304	0.0158	0.00000587	16.1	0.00000164	0.000596	0.000195	0.00109	0.036	0.00000653	2.38	3.76	0.0334	0.000599	17.4	0.00292	0.0241	0.000177	0.000207	0.000116	0.136	0.00000321	0.000382	0.000395	0.00141	0.0000212
2066 Dec	117	0.0869	0.275	0.006	36.5	0.0404	30.2	0.00119	0.00105	0.00000549	0.00525

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2069 Dec	117	0.0869	0.271	0.00595	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00534	0.00144	0.0312	0.0162	0.00000588	16.4	0.0000168	0.000615	0.000201	0.0011	0.0371	0.00000674	2.41	3.84	0.0346	0.000613	17.2	0.003	0.0249	0.000185	0.000213	0.000118	0.139	0.00000319	0.000392	0.00041	0.00143	0.0000206
2070 Jan	117	0.0869	0.271	0.00595	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00534	0.00144	0.0312	0.0162	0.00000588	16.4	0.0000168	0.000615	0.000201	0.0011	0.0371	0.00000674	2.41	3.84	0.0346	0.000613	17.2	0.003	0.0249	0.000185	0.000213	0.000118	0.139	0.00000319	0.000392	0.00041	0.00143	0.0000206
2070 Feb	117	0.0869	0.271	0.00595	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00534	0.00144	0.0312	0.0162	0.00000588	16.4	0.0000168	0.000615	0.000201	0.0011	0.0371	0.00000674	2.41	3.84	0.0346	0.000613	17.2	0.003	0.0249	0.000185	0.000213	0.000118	0.139	0.00000319	0.000392	0.00041	0.00143	0.0000206
2070 Mar	117	0.0869	0.271	0.00595	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00534	0.00144	0.0312	0.0162	0.00000588	16.4	0.0000168	0.000615	0.000201	0.0011	0.0371	0.00000674	2.41	3.84	0.0346	0.000614	17.2	0.003	0.0249	0.000185	0.000213	0.000118	0.139	0.00000319	0.000392	0.00041	0.00143	0.0000206
2070 Apr	118	0.0869	0.271	0.00596	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00534	0.00144	0.0312	0.0162	0.00000588	16.4	0.0000168	0.000615	0.000201	0.0011	0.0371	0.00000674	2.42	3.84	0.0346	0.000614	17.2	0.003	0.0249	0.000185	0.000213	0.000118	0.139	0.00000319	0.000392	0.00041	0.00143	0.0000206
2070 May	118	0.0869	0.271	0.00595	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00534	0.00144	0.0312	0.0162	0.00000588	16.5	0.0000168	0.000616	0.000201	0.0011	0.0372	0.00000674	2.42	3.84	0.0347	0.000614	17.2	0.003	0.0249	0.000185	0.000213	0.000118	0.139	0.00000319	0.000392	0.000411	0.00143	0.0000206
2070 Jun	117	0.0868	0.27	0.00593	36.2	0.0408	30.7	0.00118	0.00105	0.00000549	0.00535	0.00144	0.0312	0.0162	0.00000587	16.5	0.0000168	0.000617	0.000202	0.0011	0.0373	0.00000676	2.42	3.85	0.0348	0.000614	17.2	0.003	0.025	0.000186	0.000214	0.000118	0.139	0.00000318	0.000392	0.000412	0.00143	0.0000205
2070 Jul	118	0.087	0.271	0.00594	36.3	0.0408	30.8	0.00119	0.00105	0.0000055	0.00536	0.00144	0.0313	0.0163	0.00000588	16.5	0.0000169	0.000618	0.000202	0.00111	0.0374	0.00000677	2.42	3.85	0.0348	0.000616	17.2	0.00301	0.025	0.000186	0.000214	0.000119	0.139	0.00000318	0.000393	0.000413	0.00143	0.0000205
2070 Aug	118	0.0871	0.271	0.00595	36.4	0.0409	30.9	0.00119	0.00105	0.00000551	0.00536	0.00144	0.0313	0.0163	0.00000589	16.5	0.0000169	0.000619	0.000203	0.00111	0.0374	0.00000678	2.42	3.86	0.0349	0.000617	17.2	0.00301	0.0251	0.000187	0.000214	0.000119	0.14	0.00000319	0.000394	0.000413	0.00143	0.0000206
2070 Sep	118	0.0871	0.271	0.00595	36.4	0.0409	30.9	0.00119	0.00105	0.0000055	0.00536	0.00144	0.0314	0.0163	0.00000589	16.5	0.0000169	0.000619	0.000203	0.00111	0.0374	0.00000679	2.43	3.86	0.0349	0.000617	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000319	0.000394	0.000413	0.00143	0.0000205
2070 Oct	118	0.0871	0.271	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00536	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.000619	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.0349	0.000617	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2070 Nov	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00536	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.000619	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.0349	0.000618	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2070 Dec	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00536	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.000619	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.035	0.000618	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2071 Jan	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00537	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.000619	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.035	0.000618	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2071 Feb	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00537	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.000619	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.035	0.000618	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2071 Mar	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00537	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.000619	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.035	0.000618	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2071 Apr	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00537	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.00062	0.000203	0.00111	0.0375	0.00000679	2.43	3.86	0.035	0.000618	17.2	0.00302	0.0251	0.000187	0.000214	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2071 May	118	0.0871	0.27	0.00595	36.3	0.0409	30.9	0.00119	0.00105	0.0000055	0.00537	0.00144	0.0314	0.0163	0.00000588	16.5	0.0000169	0.00062	0.000203	0.00111	0.0375	0.0000068	2.43	3.86	0.035	0.000618	17.2	0.00302	0.0251	0.000187	0.000215	0.000119	0.14	0.00000318	0.000394	0.000414	0.00143	0.0000205
2071 Jun	118	0.0869	0.269	0.00592	36.2	0.0408	30.9	0.00118	0.00105	0.00000549	0.00537	0.00144	0.0314	0.0163	0.00000587	16.6	0.0000169	0.00062	0.000204	0.00111	0.0377	0.00000681	2.42	3.87	0.0351	0.000618	17.1	0.00302	0.0252	0.000189	0.000215	0.000119	0.14	0.00000317	0.000394	0.000416	0.00143	0.0000203
2071 Jul	118	0.087	0.269	0.00593	36.2	0.0409	30.9	0.00118	0.00105	0.00000549	0.00537	0.00145	0.0314	0.0164	0.00000588	16.6	0.0000169	0.000621	0.000204	0.00111	0.0377	0.00000682	2.43	3.87	0.0352	0.000619	17.1	0.00302	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000395	0.000417	0.00143	0.0000203
2071 Aug	118	0.0871	0.27	0.00594	36.3	0.0409	31	0.00118	0.00105	0.0000055	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000622	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.00062	17.2	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000318	0.000396	0.000417	0.00143	0.0000204
2071 Sep	118	0.0871	0.27	0.00594	36.3	0.0409	31	0.00118	0.00105	0.0000055	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000622	0.000204	0.00111	0.0377	0.00000683	2.43	3.88	0.0353	0.00062	17.2	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000318	0.000396	0.000417	0.00143	0.0000204
2071 Oct	118	0.0871	0.27	0.00594	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000622	0.000204	0.00111	0.0377	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2071 Nov	118	0.0871	0.269	0.00593	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000622	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2071 Dec	118	0.0871	0.269	0.00593	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000622	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2072 Jan	118	0.0871	0.269	0.00593	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000623	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2072 Feb	118	0.0871	0.269	0.00593	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000623	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2072 Mar	118	0.0871	0.269	0.00593	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000623	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.000189	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2072 Apr	118	0.0871	0.269	0.00593	36.3	0.0409	31	0.00118	0.00105	0.00000549	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000623	0.000205	0.00111	0.0378	0.00000683	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0253	0.00019	0.000215	0.000119	0.14	0.00000317	0.000396	0.000417	0.00143	0.0000203
2072 May	118	0.0872	0.27	0.00594	36.3	0.0409	31	0.00118	0.00105	0.0000055	0.00538	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000623	0.000205	0.00111	0.0378	0.00000684	2.43	3.88	0.0353	0.000621	17.2	0.00303	0.0253	0.00019	0.000215	0.000119	0.14	0.00000318	0.000396	0.000418	0.00143	0.0000203
2072 Jun	118	0.087	0.269	0.00592	36.2	0.0409	31	0.00118	0.00105	0.00000549	0.00539	0.00145	0.0315	0.0164	0.00000588	16.6	0.0000017	0.000624	0.000205	0.00111	0.0379	0.00000685	2.43	3.88	0.0353	0.000621	17.1	0.00303	0.0254	0.00019	0.000216	0.000119	0.14	0.00000317	0.000396	0.000419	0.00143	0.0000203
2072 Jul	118	0.0871	0.269	0.00593	36.2	0.041	31	0.00118	0.00105	0.0000055	0.0054	0.00145	0.0316	0.0164	0.00000588	16.7	0.0000017	0.000624	0.000205	0.00111	0.0379	0.00000687	2.44	3.89	0.0354	0.000622	17.1	0.00304	0.0254	0.00019	0.000216	0.000119	0.141	0.00000317	0.000397	0.00042	0.00144	0.0000203
2072 Aug	118	0.0871	0.269	0.00593	36.2	0.041	31.1	0.00118	0.00105	0.0000055	0.0054	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000688	2.44	3.89	0.0354	0.000623	17.1	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000317	0.000397	0.00042	0.00144	0.0000202
2072 Sep	118	0.087	0.268	0.00592	36.2	0.041	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0165	0.00000588	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000688	2.44	3.89	0.0354	0.000623	17.1	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000317	0.000398	0.00042	0.00144	0.0000202
2072 Oct	118	0.0869	0.268	0.00591	36.1	0.0409	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17.1	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2072 Nov	118	0.0869	0.268	0.00591	36.1	0.0409	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2072 Dec	118	0.0869	0.268	0.00591	36.1	0.0409	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2073 Jan	118	0.0869	0.268	0.00591	36.1	0.0409	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2073 Feb	118	0.0869	0.268	0.00591	36.1	0.0409	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2073 Mar	118	0.0869	0.268	0.00591	36.1	0.041	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2073 Apr	118	0.0869	0.268	0.00591	36.1	0.041	31.1	0.00118	0.00105	0.00000549	0.0054	0.00145	0.0316	0.0164	0.00000587	16.7	0.0000017	0.000625	0.000205	0.00111	0.0379	0.00000689	2.44	3.88	0.0354	0.000623	17	0.00304	0.0255	0.00019	0.000216	0.000119	0.141	0.00000316	0.000398	0.000419	0.00144	0.0000201
2073 May	118	0.0869	0.267	0.0059	36.1	0.041	31.1	0.00118	0.00105	0.00000549	0.00541	0.00145	0.0316	0.0165	0.00000587	16.7	0.0000017	0.000626	0.000205	0.00111	0.038	0.0000069	2.44	3.89	0.0354	0.000624	17	0.00304	0.0256	0.00019	0.000217	0.000119	0.141	0.00000316	0.000398	0.00042	0.00144	0.0000201
2073 Jun	118	0.0867	0.266	0.00588	36	0.041	31	0.00118	0.00105	0.00000548	0.00541	0.00145	0.0317	0.0165	0.00000586	16.7	0.0000171	0.000628	0.000206	0.00111	0.0381	0.00000692	2.44	3.89	0.0356	0.000624	17	0.00305	0.0256	0.000192	0.000217	0.000119	0.141	0.00000315	0.000398	0.000421	0.00144	0.00002
2073 Jul	118	0.0868	0.266	0.00589	36	0.041	31.1	0.00118	0.00105	0.00000548	0.00542	0.00146	0.0317	0.0165	0.00000587	16.7	0.0000171	0.000629	0.000206	0.00111	0.0382	0.00000693	2.44	3.9	0.0356	0.000626	17	0.00305	0.0257	0.000192	0.000217	0.00012	0.141	0.00000316	0.000399	0.000422	0.00144	0.00002
2073 Aug	118	0.087	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0165	0.00000588	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.9	0.0357	0.000627	17	0.00306	0.0257	0.000192	0.000217	0.00012	0.141	0.00000316	0.000399	0.000423	0.00144	0.00002
2073 Sep	118	0.087	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0165	0.00000588	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000627	17	0.00306	0.0257	0.000192	0.000217	0.00012	0.141	0.00000316	0.0004	0.000423	0.00144	0.00002
2073 Oct	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0165	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.9	0.0357	0.000627	17	0.00306	0.0257	0.000192	0.000217	0.00012	0.141	0.00000316	0.0004	0.000423	0.00144	0.00002
2073 Nov	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0166	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000628	17	0.00306	0.0257	0.000192	0.000218	0.00012	0.141	0.00000315	0.0004	0.000423	0.00144	0.00002
2073 Dec	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0166	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000628	17	0.00306	0.0257	0.000192	0.000218	0.00012	0.141	0.00000315	0.0004	0.000423	0.00144	0.00002
2074 Jan	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0166	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000628	17	0.00306	0.0257	0.000192	0.000218	0.00012	0.141	0.00000315	0.0004	0.000423	0.00144	0.00002
2074 Feb	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0166	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000628	17	0.00306	0.0257	0.000192	0.000218	0.00012	0.141	0.00000315	0.0004	0.000423	0.00144	0.00002
2074 Mar	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0166	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000628	17	0.00306	0.0257	0.000192	0.000218	0.00012	0.141	0.00000315	0.0004	0.000423	0.00144	0.00002
2074 Apr	118	0.0869	0.267	0.0059	36.1	0.0411	31.2	0.00118	0.00105	0.00000549	0.00542	0.00146	0.0318	0.0166	0.00000587	16.8	0.0000171	0.00063	0.000207	0.00111	0.0382	0.00000694	2.45	3.91	0.0357	0.000628	17	0.00306	0.0257	0.000192	0.000218	0.00012	0.142	0.00000316	0.0004	0.000423	0.00144	0.00002
2074 May	118	0.0869	0.266	0.00588	36	0.0411	31.2	0.00118	0.00105	0.00000549	0.00543	0.00146	0.0319	0.0166	0.00000587	16.8	0.0000171	0.000633	0.000208	0.00111	0.0384	0.00000697	2.45	3.92	0.0359	0.000628	17	0.00307	0.0258	0.000194	0.000218	0.00012	0.142	0.00000315	0.0004	0.000425	0.00144	0.0000199
2074 Jun	118	0.0867	0.264	0.00584	35.9	0.041	31.2	0.00117	0.00104	0.00000547

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2077 Jun	119	0.0867	0.262	0.00582	35.8	0.0413	31.7	0.00117	0.00105	0.00000548	0.00551	0.00149	0.0325	0.0171	0.00000587	17.2	0.0000175	0.000651	0.000215	0.00113	0.0397	0.00000716	2.49	4	0.0373	0.000641	16.7	0.00314	0.0266	0.000205	0.000224	0.000122	0.145	0.00000312	0.000408	0.000442	0.00146	0.0000193
2077 Jul	119	0.0869	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0326	0.0171	0.00000588	17.2	0.0000175	0.000652	0.000216	0.00113	0.0398	0.00000717	2.49	4	0.0374	0.000642	16.8	0.00314	0.0266	0.000205	0.000224	0.000122	0.145	0.00000313	0.000409	0.000443	0.00146	0.0000193
2077 Aug	119	0.087	0.263	0.00585	35.9	0.0415	31.8	0.00118	0.00105	0.0000055	0.00553	0.00149	0.0326	0.0171	0.00000589	17.3	0.0000176	0.000653	0.000216	0.00113	0.0399	0.00000719	2.49	4.01	0.0375	0.000643	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.00041	0.000444	0.00146	0.0000193
2077 Sep	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0326	0.0171	0.00000588	17.2	0.0000175	0.000653	0.000216	0.00113	0.0399	0.00000719	2.49	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000122	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2077 Oct	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000175	0.000653	0.000216	0.00113	0.0399	0.00000719	2.49	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2077 Nov	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000176	0.000654	0.000216	0.00113	0.0399	0.00000719	2.5	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2077 Dec	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000176	0.000654	0.000216	0.00113	0.0399	0.00000719	2.5	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2078 Jan	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000176	0.000654	0.000216	0.00113	0.0399	0.00000719	2.5	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2078 Feb	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000176	0.000654	0.000216	0.00113	0.0399	0.00000719	2.5	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2078 Mar	119	0.087	0.262	0.00584	35.9	0.0414	31.8	0.00117	0.00105	0.00000549	0.00552	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000176	0.000654	0.000216	0.00113	0.0399	0.00000719	2.5	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000205	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2078 Apr	119	0.087	0.262	0.00584	35.9	0.0415	31.9	0.00117	0.00105	0.00000549	0.00553	0.00149	0.0327	0.0171	0.00000588	17.3	0.0000176	0.000654	0.000216	0.00113	0.0399	0.00000719	2.5	4.01	0.0375	0.000644	16.8	0.00315	0.0267	0.000206	0.000225	0.000123	0.145	0.00000313	0.000411	0.000444	0.00146	0.0000193
2078 May	119	0.087	0.262	0.00583	35.9	0.0415	31.8	0.00117	0.00105	0.00000549	0.00553	0.00149	0.0327	0.0172	0.00000588	17.3	0.0000176	0.000655	0.000217	0.00113	0.0401	0.00000721	2.5	4.02	0.0377	0.000644	16.7	0.00316	0.0268	0.000207	0.000225	0.000123	0.146	0.00000313	0.000411	0.000446	0.00146	0.0000192
2078 Jun	119	0.0868	0.26	0.0058	35.7	0.0414	31.8	0.00117	0.00104	0.00000548	0.00553	0.00149	0.0327	0.0173	0.00000587	17.3	0.0000176	0.000656	0.000218	0.00113	0.0402	0.00000722	2.5	4.02	0.0379	0.000644	16.7	0.00316	0.0269	0.000209	0.000225	0.000123	0.146	0.00000312	0.000411	0.000449	0.00146	0.0000191
2078 Jul	119	0.0869	0.261	0.00582	35.8	0.0415	31.9	0.00117	0.00105	0.00000549	0.00554	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000176	0.000658	0.000219	0.00113	0.0403	0.00000724	2.5	4.03	0.038	0.000646	16.7	0.00316	0.0269	0.000209	0.000226	0.000123	0.146	0.00000312	0.000412	0.00045	0.00146	0.0000191
2078 Aug	119	0.0871	0.261	0.00583	35.9	0.0415	31.9	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000176	0.000658	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000647	16.7	0.00317	0.0269	0.000209	0.000226	0.000123	0.146	0.00000312	0.000412	0.00045	0.00146	0.0000191
2078 Sep	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000589	17.4	0.0000177	0.000659	0.000219	0.00114	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.00021	0.000226	0.000123	0.146	0.00000313	0.000413	0.00045	0.00147	0.0000191
2078 Oct	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.0269	0.000209	0.000226	0.000123	0.146	0.00000312	0.000413	0.00045	0.00146	0.0000191
2078 Nov	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.000209	0.000226	0.000123	0.146	0.00000312	0.000413	0.00045	0.00146	0.0000191
2078 Dec	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.000209	0.000226	0.000123	0.146	0.00000312	0.000413	0.00045	0.00146	0.0000191
2079 Jan	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.000209	0.000226	0.000123	0.146	0.00000312	0.000413	0.00045	0.00146	0.0000191
2079 Feb	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.000209	0.000226	0.000123	0.146	0.00000312	0.000413	0.00045	0.00146	0.0000191
2079 Mar	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0328	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00113	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.000209	0.000226	0.000123	0.146	0.00000312	0.000413	0.00045	0.00146	0.0000191
2079 Apr	119	0.0871	0.261	0.00583	35.9	0.0415	32	0.00117	0.00105	0.00000549	0.00555	0.0015	0.0329	0.0173	0.00000588	17.4	0.0000177	0.000659	0.000219	0.00114	0.0404	0.00000725	2.51	4.04	0.038	0.000648	16.7	0.00317	0.027	0.00021	0.000226	0.000123	0.146	0.00000313	0.000413	0.00045	0.00147	0.0000191
2079 May	119	0.0872	0.261	0.00584	35.9	0.0416	32	0.00117	0.00105	0.0000055	0.00555	0.0015	0.0329	0.0173	0.00000589	17.4	0.0000177	0.000659	0.000219	0.00114	0.0404	0.00000725	2.51	4.04	0.0381	0.000648	16.7	0.00318	0.027	0.00021	0.000226	0.000123	0.147	0.00000313	0.000413	0.00045	0.00147	0.0000192
2079 Jun	119	0.0869	0.26	0.0058	35.7	0.0415	32	0.00117	0.00105	0.00000548	0.00556	0.0015	0.0329	0.0174	0.00000587	17.5	0.0000177	0.000661	0.00022	0.00114	0.0406	0.00000728	2.51	4.05	0.0383	0.000648	16.6	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000413	0.000453	0.00147	0.000019
2079 Jul	119	0.0869	0.26	0.0058	35.8	0.0415	32	0.00117	0.00105	0.00000548	0.00556	0.0015	0.0329	0.0174	0.00000588	17.5	0.0000177	0.000662	0.00022	0.00114	0.0407	0.00000729	2.51	4.05	0.0383	0.000649	16.6	0.00318	0.0271	0.000212	0.000227	0.000123	0.147	0.00000311	0.000414	0.000454	0.00147	0.000019
2079 Aug	119	0.087	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000549	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.00065	16.7	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000312	0.000415	0.000455	0.00147	0.000019
2079 Sep	119	0.087	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000549	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.7	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000312	0.000415	0.000455	0.00147	0.000019
2079 Oct	119	0.087	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000549	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.000019
2079 Nov	119	0.087	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000549	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2079 Dec	119	0.0869	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000548	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2080 Jan	119	0.0869	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000548	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2080 Feb	119	0.0869	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000548	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000177	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2080 Mar	119	0.0869	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000548	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000178	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2080 Apr	119	0.0869	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000548	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000178	0.000663	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2080 May	119	0.087	0.26	0.00581	35.8	0.0416	32.1	0.00117	0.00105	0.00000548	0.00557	0.00151	0.033	0.0174	0.00000588	17.5	0.0000178	0.000664	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000189
2080 Jun	119	0.0868	0.259	0.0058	35.7	0.0416	32.1	0.00117	0.00104	0.00000548	0.00558	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000664	0.000221	0.00114	0.0407	0.0000073	2.52	4.06	0.0384	0.000651	16.6	0.00319	0.0272	0.000212	0.000228	0.000124	0.147	0.00000311	0.000415	0.000455	0.00147	0.0000188
2080 Jul	119	0.0868	0.259	0.0058	35.7	0.0416	32.1	0.00117	0.00105	0.00000548	0.00558	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000665	0.000221	0.00114	0.0408	0.0000073	2.52	4.06	0.0384	0.000652	16.6	0.0032	0.0273	0.000212	0.000228	0.000124	0.147	0.00000311	0.000416	0.000455	0.00147	0.0000188
2080 Aug	119	0.0869	0.259	0.0058	35.8	0.0416	32.2	0.00117	0.00105	0.00000549	0.00559	0.00151	0.0331	0.0175	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000653	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000189
2080 Sep	119	0.0869	0.259	0.00581	35.8	0.0416	32.2	0.00117	0.00105	0.00000549	0.00559	0.00151	0.0331	0.0175	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2080 Oct	119	0.0869	0.259	0.0058	35.8	0.0416	32.2	0.00117	0.00105	0.00000549	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2080 Nov	119	0.0869	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000548	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2080 Dec	119	0.0869	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000548	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2081 Jan	119	0.0869	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000548	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2081 Feb	119	0.0869	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000548	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2081 Mar	119	0.0869	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000548	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2081 Apr	119	0.0869	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000548	0.00559	0.00151	0.0331	0.0174	0.00000588	17.5	0.0000178	0.000666	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0384	0.000654	16.6	0.0032	0.0273	0.000212	0.000229	0.000124	0.147	0.00000311	0.000417	0.000456	0.00147	0.0000188
2081 May	119	0.0868	0.259	0.0058	35.7	0.0416	32.2	0.00117	0.00105	0.00000549	0.00559	0.00151	0.0332	0.0175	0.00000588	17.5	0.0000178	0.000667	0.000221	0.00114	0.0408	0.0000073	2.52	4.07	0.0385	0.000654	16.6	0.00321	0.0274	0.000212	0.000229	0.000124	0.148	0.00000311	0.000417	0.000457	0.00147	0.0000188
2081 Jun	119	0.0867	0.258	0.00578	35.6	0.0416	32.2	0.00117	0.00104	0.00000548	0.00559	0.00151	0.0332	0.0175	0.00000587	17.5	0.0000178	0.000667	0.000221	0.00114	0.0409	0.0000073	2.52	4.07	0.0385	0.000655	16.5	0.00321	0.0274	0.000213	0.000229	0.000124	0.148	0.0000031	0.000417	0.000457	0.00147	0.0000187
2081 Jul	119	0.0869	0.258	0.0058	35.7	0.0417	32.3	0.00117	0.00105	0.00000548	0.0056	0.00151	0.0332	0.0175	0.00000588	17.6	0.0000179	0.000669	0.000222	0.00114	0.041	0.0000074	2.53	4.08	0.0386	0.000656	16.6	0.00321	0.0275	0.000213	0.00023	0.000124	0.148	0.00000311	0.00042	0.000458	0.00148	0.0000188
2081 Aug	120	0.087	0.259	0.00581	35.8	0.0418	32.3	0.00117	0.00105	0.0000055	0.00561	0.00152	0.0333	0.0175	0.00000589	17.6	0.0000179	0.00067	0.000222	0.00114	0.041	0.0000074	2.53	4.09	0.0387	0.000657	16.6	0.00322	0.0275	0.000214	0.00023	0.000124	0.148	0.00000311	0.000419	0.000459	0.00148	0.0000188
2081 Sep	120	0.0871	0.259	0.00581	35.8	0.0418	32.4	0.00117	0.00105	0.0000055	0.00562	0.00152	0.0333	0.0175	0.00000589	17.6	0.0000179	0.00067	0.000222	0.00114	0.041	0.0000074	2.53	4.09	0.0387	0.000658	16.6	0.00322	0.0275	0.000214	0.00023	0.000125	0.148	0.00000311	0.00042	0.000459	0.00148	0.0000188
2081 Oct	120	0.0871	0.259	0.00581	35.8	0.0418	32.4	0.00117	0.00105	0.0000055	0.00562	0.00152	0.0333	0.0175	0.00000589	17.6	0.0000179	0.00067	0.000222	0.00114	0.041	0.0000074	2.53	4.09	0.0387	0.000658	16.6	0.00322	0.0275	0.000214	0.00023	0.000125	0.148	0.00000311	0.00042	0.000459	0.00148	0.0000188
2081 Nov	120	0.0871	0.259	0.00581	35.8	0.0418	32.4	0.00117	0.00105	0.0000055	0.00561	0.00152	0.0333	0.0175	0.00000589	17.6	0.0000179	0.00067	0.000222	0.00114	0.041	0.0000074	2.53	4.09	0.0387	0.000658	16.6	0.00322	0.0275	0.000214	0.00023	0.000124	0.148	0.00000311	0.00042	0.000459	0.00148	0.0000188
2081 Dec	120	0.0871	0.259	0.00581	35.

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2084 Dec	120	0.0865	0.254	0.00574	35.4	0.0419	32.7	0.00116	0.00104	0.00000548	0.00567	0.00153	0.0338	0.0178	0.00000587	17.8	0.0000182	0.000683	0.000226	0.00115	0.0418	0.00000755	2.55	4.13	0.0395	0.000667	16.3	0.00327	0.0281	0.000219	0.000234	0.000126	0.15	0.00000308	0.000426	0.000469	0.00149	0.0000182
2085 Jan	120	0.0865	0.254	0.00574	35.4	0.0419	32.7	0.00116	0.00104	0.00000548	0.00567	0.00153	0.0338	0.0178	0.00000587	17.8	0.0000182	0.000683	0.000226	0.00115	0.0418	0.00000755	2.55	4.13	0.0395	0.000667	16.3	0.00327	0.0281	0.000219	0.000234	0.000126	0.15	0.00000308	0.000426	0.000469	0.00149	0.0000182
2085 Feb	120	0.0865	0.254	0.00574	35.4	0.0419	32.7	0.00116	0.00104	0.00000548	0.00567	0.00153	0.0338	0.0178	0.00000587	17.8	0.0000182	0.000683	0.000226	0.00115	0.0418	0.00000756	2.55	4.13	0.0395	0.000667	16.3	0.00327	0.0281	0.000219	0.000234	0.000126	0.15	0.00000308	0.000426	0.000469	0.00149	0.0000182
2085 Mar	120	0.0865	0.254	0.00574	35.4	0.0419	32.7	0.00116	0.00104	0.00000548	0.00567	0.00153	0.0338	0.0178	0.00000587	17.8	0.0000182	0.000683	0.000226	0.00115	0.0418	0.00000756	2.55	4.13	0.0395	0.000667	16.3	0.00327	0.0281	0.000219	0.000234	0.000126	0.15	0.00000308	0.000426	0.000469	0.00149	0.0000182
2085 Apr	120	0.0866	0.254	0.00574	35.4	0.0419	32.7	0.00116	0.00104	0.00000548	0.00567	0.00153	0.0338	0.0178	0.00000587	17.8	0.0000182	0.000683	0.000226	0.00115	0.0418	0.00000756	2.55	4.13	0.0395	0.000667	16.3	0.00327	0.0281	0.000219	0.000234	0.000126	0.15	0.00000308	0.000426	0.000469	0.00149	0.0000182
2085 May	120	0.0866	0.254	0.00574	35.4	0.0419	32.7	0.00116	0.00104	0.00000548	0.00568	0.00153	0.0338	0.0178	0.00000587	17.8	0.0000182	0.000684	0.000226	0.00115	0.0419	0.00000756	2.55	4.14	0.0395	0.000667	16.3	0.00327	0.0281	0.000219	0.000234	0.000126	0.15	0.00000308	0.000426	0.00047	0.00149	0.0000181
2085 Jun	120	0.0865	0.254	0.00573	35.4	0.0419	32.7	0.00116	0.00104	0.00000547	0.00568	0.00153	0.0339	0.0178	0.00000587	17.8	0.0000182	0.000685	0.000227	0.00115	0.042	0.00000757	2.56	4.14	0.0396	0.000668	16.3	0.00328	0.0282	0.00022	0.000235	0.000126	0.15	0.00000307	0.000427	0.000471	0.00149	0.0000181
2085 Jul	120	0.0867	0.254	0.00575	35.5	0.042	32.8	0.00116	0.00104	0.00000548	0.00569	0.00154	0.0339	0.0179	0.00000588	17.9	0.0000182	0.000686	0.000227	0.00115	0.042	0.00000759	2.56	4.15	0.0397	0.000669	16.3	0.00328	0.0282	0.000221	0.000235	0.000126	0.151	0.00000308	0.000428	0.000472	0.00149	0.0000181
2085 Aug	120	0.0868	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000687	0.000227	0.00115	0.042	0.00000759	2.56	4.15	0.0397	0.00067	16.3	0.00329	0.0282	0.000221	0.000235	0.000126	0.151	0.00000308	0.000428	0.000472	0.00149	0.0000181
2085 Sep	120	0.0868	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000687	0.000227	0.00115	0.042	0.00000759	2.57	4.15	0.0398	0.000671	16.3	0.00329	0.0282	0.000221	0.000235	0.000126	0.151	0.00000308	0.000429	0.000472	0.00149	0.0000181
2085 Oct	120	0.0867	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000687	0.000227	0.00115	0.0421	0.0000076	2.57	4.15	0.0398	0.000671	16.3	0.00329	0.0282	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2085 Nov	120	0.0867	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000688	0.000227	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000671	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2085 Dec	120	0.0867	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000688	0.000227	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000671	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2086 Jan	120	0.0867	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000688	0.000227	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000671	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2086 Feb	120	0.0867	0.254	0.00574	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000688	0.000227	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000671	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2086 Mar	120	0.0867	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000183	0.000688	0.000227	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000671	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2086 Apr	120	0.0867	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.034	0.0179	0.00000588	17.9	0.0000182	0.000688	0.000228	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000671	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000307	0.000429	0.000473	0.00149	0.0000181
2086 May	120	0.0868	0.254	0.00575	35.5	0.042	32.9	0.00116	0.00104	0.00000548	0.00569	0.00154	0.0341	0.0179	0.00000588	17.9	0.0000183	0.000689	0.000228	0.00115	0.0421	0.0000076	2.57	4.16	0.0398	0.000672	16.3	0.00329	0.0283	0.000221	0.000236	0.000126	0.151	0.00000308	0.000429	0.000473	0.00149	0.0000181
2086 Jun	120	0.0865	0.252	0.00571	35.3	0.042	32.9	0.00116	0.00104	0.00000547	0.0057	0.00154	0.0341	0.018	0.00000587	18	0.0000183	0.000691	0.000229	0.00115	0.0423	0.0000076	2.57	4.17	0.0401	0.000672	16.2	0.0033	0.0284	0.000223	0.000236	0.000126	0.151	0.00000306	0.000429	0.000476	0.00149	0.0000179
2086 Jul	120	0.0866	0.253	0.00572	35.4	0.042	32.9	0.00116	0.00104	0.00000547	0.0057	0.00154	0.0341	0.018	0.00000587	18	0.0000183	0.000692	0.000229	0.00115	0.0424	0.0000076	2.57	4.17	0.0402	0.000674	16.2	0.00331	0.0284	0.000224	0.000237	0.000127	0.151	0.00000307	0.00043	0.000477	0.00149	0.0000179
2086 Aug	120	0.0868	0.253	0.00573	35.4	0.0421	33	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0424	0.0000076	2.58	4.18	0.0402	0.000675	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000431	0.000477	0.0015	0.0000179
2086 Sep	120	0.0867	0.253	0.00573	35.4	0.0421	33	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000675	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000431	0.000477	0.0015	0.0000179
2086 Oct	120	0.0868	0.253	0.00573	35.4	0.0421	33	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000675	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2086 Nov	120	0.0868	0.253	0.00573	35.4	0.0421	33	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000676	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2086 Dec	120	0.0868	0.253	0.00573	35.4	0.0421	33	0.00116	0.00104	0.00000548	0.00571	0.00154	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000676	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2087 Jan	120	0.0868	0.253	0.00573	35.4	0.0421	33	0.00116	0.00104	0.00000548	0.00571	0.00155	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000676	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2087 Feb	120	0.0868	0.253	0.00573	35.4	0.0421	33.1	0.00116	0.00104	0.00000548	0.00571	0.00155	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000676	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2087 Mar	120	0.0868	0.253	0.00573	35.4	0.0421	33.1	0.00116	0.00104	0.00000548	0.00571	0.00155	0.0342	0.018	0.00000588	18	0.0000183	0.000693	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000676	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2087 Apr	121	0.0868	0.253	0.00573	35.4	0.0421	33.1	0.00116	0.00104	0.00000548	0.00571	0.00155	0.0342	0.018	0.00000588	18	0.0000183	0.000694	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0402	0.000676	16.3	0.00331	0.0285	0.000224	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2087 May	121	0.0867	0.253	0.00573	35.4	0.0421	33.1	0.00116	0.00104	0.00000548	0.00571	0.00155	0.0343	0.0181	0.00000588	18	0.0000184	0.000694	0.00023	0.00116	0.0425	0.0000076	2.58	4.18	0.0403	0.000676	16.2	0.00332	0.0285	0.000225	0.000237	0.000127	0.152	0.00000307	0.000432	0.000478	0.0015	0.0000179
2087 Jun	120	0.0866	0.252	0.00571	35.3	0.0421	33	0.00116	0.00104	0.00000547	0.00572	0.00155	0.0343	0.0181	0.00000587	18.1	0.0000184	0.000695	0.00023	0.00116	0.0427	0.0000076	2.58	4.19	0.0404	0.000676	16.2	0.00332	0.0286	0.000226	0.000238	0.000127	0.152	0.00000306	0.000432	0.00048	0.0015	0.0000178
2087 Jul	121	0.0867	0.252	0.00572	35.4	0.0421	33.1	0.00116	0.00104	0.00000548	0.00572	0.00155	0.0343	0.0181	0.00000588	18.1	0.0000184	0.000696	0.000231	0.00116	0.0427	0.0000076	2.58	4.2	0.0405	0.000677	16.2	0.00332	0.0286	0.000226	0.000238	0.000127	0.152	0.00000306	0.000432	0.000481	0.0015	0.0000178
2087 Aug	121	0.0868	0.252	0.00573	35.4	0.0422	33.2	0.00116	0.00104	0.00000548	0.00573	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000697	0.000232	0.00116	0.0428	0.0000077	2.59	4.2	0.0406	0.000678	16.2	0.00333	0.0287	0.000227	0.000238	0.000127	0.153	0.00000307	0.000433	0.000482	0.0015	0.0000178
2087 Sep	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2087 Oct	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2087 Nov	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2087 Dec	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2088 Jan	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2088 Feb	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2088 Mar	121	0.0869	0.253	0.00573	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.000679	16.2	0.00333	0.0287	0.000227	0.000239	0.000127	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2088 Apr	121	0.0869	0.253	0.00574	35.5	0.0422	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0344	0.0182	0.00000589	18.1	0.0000184	0.000698	0.000232	0.00116	0.0428	0.00000771	2.59	4.21	0.0406	0.00068	16.3	0.00333	0.0287	0.000227	0.000239	0.000128	0.153	0.00000307	0.000434	0.000482	0.0015	0.0000178
2088 May	121	0.087	0.253	0.00574	35.5	0.0423	33.2	0.00116	0.00104	0.00000549	0.00574	0.00155	0.0345	0.0182	0.00000589	18.2	0.0000185	0.000699	0.000232	0.00116	0.0428	0.00000772	2.59	4.21	0.0406	0.00068	16.3	0.00334	0.0287	0.000227	0.000239	0.000128	0.153	0.00000307	0.000435	0.000482	0.0015	0.0000178
2088 Jun	121	0.0869	0.252	0.00573	35.4	0.0423	33.2	0.00116	0.00104	0.00000549	0.00575	0.00156	0.0345	0.0182	0.00000589	18.2	0.0000185	0.0007	0.000232	0.00116	0.043	0.00000773	2.59	4.21	0.0407	0.00068	16.2	0.00334	0.0288	0.000228	0.000239	0.000128	0.153	0.00000307	0.000435	0.000484	0.0015	0.0000178
2088 Jul	121	0.087	0.252	0.00573	35.5	0.0423	33.3	0.00116	0.00105	0.0000055	0.00576	0.00156	0.0346	0.0183	0.0000059	18.2	0.0000185	0.000702	0.000233	0.00116	0.0431	0.00000775	2.6	4.22	0.0408	0.000682	16.2	0.00335	0.0289	0.000229	0.00024	0.000128	0.153	0.00000307	0.000436	0.000485	0.00151	0.0000178
2088 Aug	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.00000551	0.00577	0.00156	0.0346	0.0183	0.00000591	18.2	0.0000186	0.000703	0.000233	0.00117	0.0431	0.00000777	2.6	4.23	0.0409	0.000683	16.3	0.00336	0.0289	0.000229	0.00024	0.000128	0.154	0.00000308	0.000437	0.000486	0.00151	0.0000178
2088 Sep	121	0.0872	0.253	0.00575	35.6	0.0425	33.4	0.00116	0.00105	0.00000551	0.00577	0.00156	0.0347	0.0183	0.00000591	18.3	0.0000186	0.000704	0.000234	0.00117	0.0432	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2088 Oct	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.0000055	0.00577	0.00156	0.0347	0.0183	0.00000591	18.2	0.0000186	0.000703	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.00024	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2088 Nov	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.0000055	0.00577	0.00156	0.0347	0.0183	0.00000591	18.2	0.0000186	0.000704	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2088 Dec	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.0000055	0.00577	0.00156	0.0347	0.0183	0.00000591	18.2	0.0000186	0.000704	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2089 Jan	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.0000055	0.00577	0.00156	0.0347	0.0183	0.00000591	18.2	0.0000186	0.000704	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2089 Feb	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.0000055	0.00577	0.00156	0.0347	0.0183	0.00000591	18.2	0.0000186	0.000704	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2089 Mar	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.0000055	0.00577	0.00156	0.0347	0.0183	0.00000591	18.2	0.0000186	0.000704	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000437	0.000486	0.00151	0.0000178
2089 Apr	121	0.0872	0.253	0.00575	35.6	0.0424	33.4	0.00116	0.00105	0.00000551	0.00577	0.00156	0.0347	0.0183	0.00000591	18.3	0.0000186	0.000704	0.000233	0.00117	0.0431	0.00000777	2.61	4.23	0.0409	0.000684	16.3	0.00336	0.0289	0.000229	0.000241	0.000128	0.154	0.00000307	0.000438	0.000486	0.00151	0.0000178
2089 May	121	0.0872	0.253	0.00574	35.6	0.0425	33.4	0.00116	0.00105	0.00000551	0.00578	0.00156	0.0347	0.0183	0.00000591	18.3	0.0000186	0.000705	0.000234	0.00117	0.0432	0.00000778	2.61	4.24	0.041	0.000685	16.3	0.00336	0.029	0.00023	0.000241	0.000128	0.154	0.00000307	0.000438	0.000487	0.00151	0.0000178
2089 Jun	121	0.0871	0.252	0.00573	35.5

Appendix D.2-17: TIRI04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1200	0.444	1.72	0.049	622	0.106	319	1.02E-24	7.93E-26	0.0000005	0.00466	0.00695	0.184	0.0276	0.00000554	32.3	0.0000424	0.00273	0.000164	0.00095	0.00635	0.0000176	14.3	17.4	0.0882	0.00526	186	0.0104	0.000882	0.0000377	0.000879	0.000506	0.732	0.00000188	0.00468	0.000281	0.00081	5.24E-24
Operation (2026-2036): Mean	2450	0.99	3.85	0.109	1290	0.244	619	4.02E-24	3.11E-25	0.00000316	0.012	0.0115	0.423	0.0559	0.0000121	62.7	0.000106	0.00556	0.000566	0.00375	0.015	0.0000435	30.1	33.9	0.217	0.0112	387	0.0397	0.00217	0.0000797	0.00237	0.0012	1.6	0.00000412	0.00977	0.00118	0.00237	2.06E-23
Operation (2026-2036): Max	2870	1.2	4.65	0.132	1560	0.274	691	1.12E-23	8.66E-25	0.00000362	0.0135	0.0128	0.475	0.0625	0.0000136	70	0.000119	0.00622	0.000643	0.00427	0.0169	0.000049	33.8	37.8	0.245	0.0126	467	0.0451	0.00245	0.0000893	0.00268	0.00135	1.79	0.00000462	0.0109	0.00135	0.00268	5.73E-23
2092 Jun	121	0.0867	0.246	0.00563	35.1	0.0426	33.7	0.00115	0.00104	0.00000548	0.00583	0.00158	0.0352	0.0188	0.00000588	18.6	0.0000188	0.000721	0.000241	0.00118	0.0445	0.00000797	2.63	4.3	0.0423	0.000696	15.9	0.00342	0.0298	0.00024	0.000244	0.00013	0.156	0.00000303	0.000443	0.000502	0.00152	0.000017
2092 Jul	121	0.0868	0.246	0.00564	35.1	0.0427	33.8	0.00115	0.00104	0.00000548	0.00584	0.00158	0.0353	0.0188	0.00000588	18.6	0.0000188	0.000722	0.000241	0.00118	0.0445	0.00000797	2.63	4.31	0.0424	0.000696	15.9	0.00342	0.0298	0.00024	0.000245	0.00013	0.156	0.00000303	0.000444	0.000502	0.00152	0.000017
2092 Aug	122	0.0869	0.246	0.00565	35.1	0.0427	33.8	0.00115	0.00104	0.00000549	0.00585	0.00159	0.0353	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0424	0.000698	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2092 Sep	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000549	0.00585	0.00159	0.0353	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0424	0.000698	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2092 Oct	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000548	0.00585	0.00159	0.0353	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0424	0.000698	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2092 Nov	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000548	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0424	0.000699	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2092 Dec	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000548	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0424	0.000699	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2093 Jan	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000548	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0424	0.000699	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2093 Feb	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000548	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000723	0.000241	0.00118	0.0446	0.00000799	2.64	4.32	0.0425	0.000699	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2093 Mar	122	0.087	0.247	0.00565	35.2	0.0427	33.9	0.00115	0.00104	0.00000549	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000724	0.000242	0.00118	0.0446	0.00000799	2.64	4.32	0.0425	0.000699	15.9	0.00343	0.0298	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2093 Apr	122	0.087	0.247	0.00565	35.2	0.0428	33.9	0.00115	0.00104	0.00000549	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000724	0.000242	0.00118	0.0446	0.00000799	2.64	4.32	0.0425	0.000699	16	0.00343	0.0299	0.00024	0.000245	0.00013	0.157	0.00000303	0.000445	0.000503	0.00152	0.000017
2093 May	122	0.087	0.247	0.00565	35.2	0.0428	33.9	0.00115	0.00104	0.00000549	0.00585	0.00159	0.0354	0.0188	0.00000589	18.7	0.0000189	0.000725	0.000242	0.00118	0.0446	0.0000008	2.64	4.32	0.0425	0.000699	16	0.00344	0.0299	0.00024	0.000246	0.00013	0.157	0.00000304	0.000446	0.000504	0.00152	0.000017
2093 Jun	122	0.0868	0.245	0.00563	35.1	0.0427	33.9	0.00115	0.00104	0.00000548	0.00585	0.00159	0.0355	0.0189	0.00000588	18.7	0.0000189	0.000727	0.000243	0.00118	0.0448	0.00000802	2.64	4.33	0.0427	0.0007	15.9	0.00344	0.0299	0.00024	0.000246	0.000131	0.157	0.00000303	0.000446	0.000506	0.00152	0.0000169
2093 Jul	122	0.087	0.246	0.00564	35.1	0.0428	34	0.00115	0.00104	0.00000549	0.00586	0.00159	0.0355	0.0189	0.00000589	18.8	0.0000189	0.000728	0.000243	0.00118	0.0449	0.00000803	2.65	4.34	0.0428	0.000701	15.9	0.00345	0.03	0.00024	0.000247	0.000131	0.157	0.00000303	0.000447	0.000507	0.00152	0.0000169
2093 Aug	122	0.0871	0.246	0.00565	35.2	0.0429	34	0.00115	0.00104	0.00000549	0.00587	0.0016	0.0356	0.0189	0.0000059	18.8	0.0000019	0.000729	0.000243	0.00118	0.0449	0.00000804	2.65	4.34	0.0428	0.000702	15.9	0.00345	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000507	0.00153	0.0000169
2093 Sep	122	0.0871	0.246	0.00565	35.2	0.0429	34.1	0.00115	0.00104	0.00000549	0.00587	0.0016	0.0356	0.0189	0.0000059	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000804	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000507	0.00153	0.0000169
2093 Oct	122	0.087	0.246	0.00564	35.2	0.0429	34.1	0.00115	0.00104	0.00000549	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000804	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000507	0.00152	0.0000169
2093 Nov	122	0.087	0.246	0.00564	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000805	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000508	0.00152	0.0000169
2093 Dec	122	0.087	0.246	0.00564	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000805	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000508	0.00152	0.0000169
2094 Jan	122	0.087	0.246	0.00564	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000805	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000508	0.00152	0.0000169
2094 Feb	122	0.087	0.246	0.00564	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000805	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000508	0.00152	0.0000169
2094 Mar	122	0.087	0.246	0.00564	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000805	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000508	0.00152	0.0000169
2094 Apr	122	0.087	0.246	0.00564	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0356	0.0189	0.00000589	18.8	0.0000019	0.00073	0.000244	0.00118	0.0449	0.00000805	2.65	4.35	0.0429	0.000703	15.9	0.00346	0.03	0.00024	0.000247	0.000131	0.158	0.00000303	0.000448	0.000508	0.00152	0.0000169
2094 May	122	0.087	0.245	0.00563	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00587	0.0016	0.0357	0.019	0.00000589	18.8	0.0000019	0.000731	0.000244	0.00118	0.045	0.00000806	2.65	4.35	0.0429	0.000704	15.9	0.00346	0.0301	0.00024	0.000247	0.000131	0.158	0.00000303	0.000449	0.000508	0.00152	0.0000168
2094 Jun	122	0.087	0.245	0.00562	35.1	0.0429	34.1	0.00115	0.00104	0.00000548	0.00588	0.0016	0.0357	0.019	0.00000589	18.9	0.0000019	0.000733	0.000245	0.00119	0.0451	0.00000807	2.66	4.36	0.0431	0.000705	15.9	0.00347	0.0302	0.00024	0.000248	0.000131	0.158	0.00000302	0.000449	0.00051	0.00153	0.0000168
2094 Jul	122	0.0872	0.245	0.00564	35.1	0.043	34.2	0.00115	0.00104	0.00000549	0.00589	0.0016	0.0358	0.019	0.0000059	18.9	0.0000019	0.000735	0.000245	0.00119	0.0452	0.00000809	2.66	4.37	0.0432	0.000707	15.9	0.00348	0.0302	0.00024	0.000248	0.000132	0.159	0.00000303	0.00045	0.000511	0.00153	0.0000168
2094 Aug	123	0.0874	0.246	0.00565	35.2	0.0431	34.3	0.00116	0.00104	0.00000551	0.0059	0.00161	0.0359	0.0191	0.00000591	18.9	0.0000191	0.000737	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.000708	15.9	0.00348	0.0303	0.00024	0.000249	0.000132	0.159	0.00000304	0.00045	0.000512	0.00153	0.0000169
2094 Sep	123	0.0874	0.246	0.00565	35.3	0.0431	34.3	0.00116	0.00104	0.00000551	0.0059	0.00161	0.0359	0.0191	0.00000591	18.9	0.0000191	0.000737	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.000709	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000304	0.000452	0.000512	0.00153	0.0000169
2094 Oct	123	0.0874	0.246	0.00565	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.00000591	18.9	0.0000191	0.000737	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.000709	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000512	0.00153	0.0000168
2094 Nov	123	0.0873	0.245	0.00564	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.00000591	18.9	0.0000191	0.000738	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000512	0.00153	0.0000168
2094 Dec	123	0.0873	0.245	0.00564	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.0000059	18.9	0.0000191	0.000738	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000513	0.00153	0.0000168
2095 Jan	123	0.0873	0.245	0.00564	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.0000059	18.9	0.0000191	0.000738	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000513	0.00153	0.0000168
2095 Feb	123	0.0873	0.245	0.00564	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.0000059	18.9	0.0000191	0.000738	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000513	0.00153	0.0000168
2095 Mar	123	0.0873	0.245	0.00564	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.00000591	18.9	0.0000191	0.000738	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000513	0.00153	0.0000168
2095 Apr	123	0.0873	0.245	0.00564	35.2	0.0431	34.3	0.00115	0.00104	0.0000055	0.0059	0.00161	0.0359	0.0191	0.00000591	19	0.0000191	0.000738	0.000246	0.00119	0.0453	0.00000811	2.67	4.38	0.0433	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000452	0.000513	0.00153	0.0000168
2095 May	123	0.0873	0.245	0.00564	35.2	0.0431	34.4	0.00115	0.00104	0.0000055	0.0059	0.00161	0.036	0.0191	0.00000591	19	0.0000191	0.000739	0.000246	0.00119	0.0454	0.00000812	2.67	4.39	0.0434	0.00071	15.9	0.00349	0.0303	0.00024	0.000249	0.000132	0.159	0.00000303	0.000453	0.000513	0.00153	0.0000168
2095 Jun	123	0.0874	0.245	0.00564	35.2	0.0432	34.4	0.00115	0.00104	0.0000055	0.0059	0.00161	0.036	0.0192	0.00000591	19	0.0000191	0.000741	0.000247	0.00119	0.0455	0.00000814	2.68	4.4	0.0435	0.000712	15.9	0.0035	0.0304	0.00024	0.000247	0.00025	0.16	0.00000303	0.000453	0.000514	0.00153	0.0000167
2095 Jul	123	0.0876	0.246	0.00565	35.3	0.0433	34.5	0.00116	0.00105	0.00000551	0.00592	0.00161	0.0361	0.0192	0.00000592	19	0.0000192	0.000743	0.000248	0.0012	0.0456	0.00000816	2.68	4.41	0.0436	0.000714	15.9	0.00351	0.0304	0.00024	0.00025	0.000133	0.16	0.00000304	0.000454	0.000516	0.00154	0.0000168
2095 Aug	123	0.0877	0.246	0.00566	35.3	0.0433	34.5	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000743	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0436	0.000714	15.9	0.00351	0.0304	0.00024	0.00025	0.000133	0.16	0.00000304	0.000455	0.000516	0.00154	0.0000168
2095 Sep	123	0.0877	0.246	0.00567	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000743	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0436	0.000715	15.9	0.00351	0.0304	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2095 Oct	123	0.0877	0.246	0.00567	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0437	0.000715	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2095 Nov	123	0.0877	0.246	0.00567	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2095 Dec	123	0.0877	0.246	0.00566	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2096 Jan	123	0.0877	0.246	0.00566	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2096 Feb	123	0.0877	0.246	0.00566	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2096 Mar	123	0.0877	0.246	0.00566	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000816	2.69	4.41	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2096 Apr	123	0.0877	0.246	0.00567	35.3	0.0433	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0362	0.0192	0.00000592	19.1	0.0000192	0.000744	0.000248	0.0012	0.0456	0.00000817	2.69	4.41	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000456	0.000516	0.00154	0.0000168
2096 May	123	0.0878	0.246	0.00567	35.3	0.0434	34.6	0.00116	0.00105	0.00000551	0.00593	0.00162	0.0363	0.0192	0.00000593	19.1	0.0000192	0.000745	0.000248	0.0012	0.0457	0.00000817	2.69	4.42	0.0437	0.000716	15.9	0.00352	0.0305	0.00024	0.000251	0.000133	0.16	0.00000304	0.000457	0.000517	0.00154	0.0000168
2096 Jun	123	0.0875	0.244	0.00563	35.2	0.0434	34.7	0.00115	0.00104	0.0000055	0.00594	0.00162	0.0364	0.0193	0.00000591	19.1	0.0000192	0.00075	0.000249	0.0012	0.0459	0.0000082	2.69	4.43	0.044	0.000718	15.8	0.00353	0.0306	0.00025	0.000252	0.000133	0.161	0.00000302	0.000457	0.000519	0.00154	0.0000166
2096 Jul	123	0.0876	0.244	0.00564	35.2	0.0434	34.7	0.00115	0.00104	0.00000551	0.00595	0.00162	0.0365	0.0193	0.00000592	19.2	0.0000193	0.000751	0.00025	0.0012	0.0459	0.00000822	2.7	4.44	0.0441	0.000719	15.8	0.00354	0.0307	0.00025	0.000252	0.000133	0.161	0.00000303	0.000458	0.00052	0.00154	0.0000166
2096 Aug	124	0.0877	0.245	0.00565	35.3	0.0435	34.8	0.00116	0.00105	0.00000552	0.00596	0.00163	0.0365	0.0194	0.00000593	19.2	0.0000193	0.000753	0.00025	0.0012	0.046	0.00000823	2.7	4.45	0.0441	0.000721	15.9	0.00355	0.0307	0.00025	0.000253	0.000134	0.161	0.00000303	0.000459	0.000521	0.00154	0.0000166
2096 Sep	124	0.0878	0.245	0.00565	35.3	0.0435	34.8	0.00115	0.00105	0.00000552	0.00596	0.00163	0.0366	0.0194	0.00000593	19.2	0.0000193	0.000753	0.00025	0.0012	0.046	0.00000823	2.71	4.45	0.0441	0.000721	15.9	0.00355	0.0307	0.00025	0.000253	0.000134	0.161	0.00000303	0.000459	0.000521	0.00154	0.0000166
2096 Oct	124	0.0877	0.244	0.00564	35.2	0.0435	34.8	0.00115	0.00104	0.00000551	0.00595	0.00163	0.0366	0.0193	0.00000592	19.2	0.0000193	0.000753	0.00025	0.0012	0.046	0.00000823	2.7	4.45	0.0441	0.000721	15.9	0.00355	0.0307	0.00025	0.000253	0.000134	0.161	0.00000303	0.000459	0.000521	0.00154	0.0000166
2096 Nov	124	0.0876	0.244	0.00564	35.2	0.0435	34.8	0.00115	0.00104	0.00000551	0.00595	0.00163	0.0366	0.0193	0.00000592	19.2	0.0000193	0.000753	0.00025	0.0012	0.046	0.00000823	2.7	4.45	0.0441	0.000721	15.8	0.00355	0.0307	0.00025	0.000253	0.000134	0.161	0.00000303	0.00046	0.000521	0.00154	0.0000166
2096 Dec	124	0.0876	0.244

Appendix D.2-18: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	15.9	0.00224	0.00873	0.000248	2.86	0.000489	0.858			1.75E-08	0.0000225	0.00212	0.000846	0.0000212	1.19E-08	0.0869	0.000000185	0.000000996	0.00000171	0.0000144	0.000038	8.92E-08	0.0167	0.0469	0.000446	0.00000842	0.857	0.000144	0.00000446	6.73E-08	0.00000529	0.00000237	0.00171	3.15E-09	0.0000034	0.00000453	0.0000064	
Operation (2026-2036): Mean	7830	0.829	3.22	0.0915	1060	0.241	424			0.00000865	0.0111	0.0116	0.418	0.0105	0.00000588	42.9	0.0000915	0.000492	0.000847	0.00709	0.0188	0.0000441	8.22	23.2	0.22	0.00416	316	0.071	0.0022	0.0000333	0.00261	0.00117	0.843	0.00000155	0.00168	0.00224	0.00316	
Operation (2026-2036): Max	8160	1.15	4.45	0.126	1460	0.251	442			0.00000901	0.0116	0.0458	0.435	0.0109	0.00000612	44.7	0.0000954	0.000513	0.000882	0.00738	0.0196	0.0000459	8.57	24.1	0.229	0.00433	437	0.0739	0.00229	0.0000347	0.00272	0.00122	0.878	0.00000162	0.00175	0.00233	0.00329	
Active Closure (2037-2043): Min	235	0.0182	0.0565	0.00245	19.5	0.0319	14.6	0.000713	0.000713	0.00000511	0.00296	0.000366	0.015	0.00741	0.00000503	7.63	0.00000736	0.0000681	0.0000989	0.000934	0.013	0.00000179	1.06	1.66	0.00841	0.000182	7.61	0.00236	0.00224	0.0000338	0.0000898	0.0000707	0.0507	0.00000158	0.0000593	0.00012	0.000868	
Active Closure (2037-2043): Mean	791	0.053	0.193	0.00626	64	0.0472	44.5	0.000965	0.000965	0.00000538	0.00356	0.000827	0.0445	0.00768	0.00000511	10.2	0.0000135	0.000101	0.000154	0.00138	0.0135	0.00000488	1.58	3.24	0.0239	0.000473	20.8	0.00738	0.00413	0.0000389	0.000274	0.000151	0.109	0.00000197	0.000178	0.000274	0.00104	
Active Closure (2037-2043): Max	8010	0.505	1.97	0.0558	643	0.247	433	0.00098	0.00098	0.00000884	0.0114	0.00709	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000865	0.00725	0.0192	0.0000451	8.41	23.7	0.225	0.00425	193	0.0725	0.00428	0.0000486	0.00267	0.0012	0.862	0.000002	0.00172	0.00229	0.00323	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2043)																																					
2026 Jan																																					
2026 Feb																																					
2026 Mar																																					
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2028 Dec																																					
2029 Jan																																					
2029 Feb																																					
2029 Mar																																					
2029 Apr																																					
2029 May	15.9	0.00224	0.00873	0.000248	2.86	0.000489	0.858			1.75E-08	0.0000225	0.00212	0.000846	0.0000212	1.19E-08	0.0869	0.000000185	0.000000996	0.00000171	0.0000144	0.000038	8.92E-08	0.0167	0.0469	0.000446	0.00000842	0.857	0.000144	0.00000446	6.73E-08	0.00000529	0.00000237	0.00171	3.15E-09	0.0000034	0.00000453	0.0000064	
2029 Jun	3190	0.452	1.76	0.0499	575	0.0984	173			0.00000353	0.00453	0.0458	0.17	0.00426	0.0000024	17.5	0.0000373	0.000201	0.000345	0.00289	0.00765	0.000018	3.35	9.45	0.0898	0.00169	172	0.0289	0.000898	0.0000136	0.00107	0.000478	0.344	0.000000634	0.000685	0.000912	0.00129	
2029 Jul	7750	1.1	4.26	0.121	1400	0.239	419			0.00000856	0.011	0.00896	0.413	0.0103	0.00000581	42.4	0.0000905	0.000487	0.000837	0.00701	0.0186	0.0000436	8.13	22.9	0.218	0.00411	418	0.0702	0.00218	0.0000329	0.00259	0.00116	0.834	0.00000154	0.00166	0.00221	0.00313	
2029 Aug	7970	1.13	4.38	0.125	1440	0.245	431			0.0000088	0.0113	0.0101	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721	0.0191	0.0000448	8.37	23.6	0.224	0.00423	430	0.0722	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00322	
2029 Sep	7990	1.13	4.4	0.125	1440	0.246	433			0.00000883	0.0113	0.0114	0.426	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723	0.0191	0.000045	8.39	23.6	0.225	0.00424	432	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	
2029 Oct	7980	1.13	4.39	0.125	1440	0.246	432			0.00000881	0.0113	0.0105	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00721	0.0191	0.0000449	8.37	23.6	0.224	0.00423	431	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2029 Nov	7930	1.12	4.36	0.124	1430	0.244	429			0.00000876	0.0113	0.00786	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00717	0.019	0.0000446	8.32	23.5	0.223	0.00421	428	0.0718	0.00223	0.0000337	0.00265	0.00119	0.853	0.00000157	0.0017	0.00227	0.0032	
2029 Dec	7940	1.12	4.37	0.124	1430	0.244	429			0.00000876	0.0113	0.00786	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00718	0.019	0.0000446	8.33	23.5	0.223	0.00421	428	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	
2030 Jan	7940	1.12	4.37	0.124	1430	0.244	429			0.00000876	0.0113	0.00786	0.423	0.0106	0.00000595	43.4	0.0000927	0.000498	0.000857	0.00718	0.019	0.0000446	8.33	23.5	0.223	0.00421	428	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	
2030 Feb	7940	1.12	4.37	0.124	1430	0.244	429			0.00000876	0.0113	0.00787	0.423	0.0106	0.00000595	43.5	0.0000927	0.000498	0.000858	0.00718	0.019	0.0000446	8.33	23.5	0.223	0.00421	429	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	
2030 Mar	7940	1.12	4.37	0.124	1430	0.245	430			0.00000877	0.0113	0.00787	0.424	0.0106	0.00000596	43.5	0.0000928	0.000499	0.000858	0.00718	0.019	0.0000447	8.34	23.5	0.223	0.00421	429	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000158	0.0017	0.00227	0.0032	
2030 Apr	7960	1.13	4.38	0.124	1430	0.245	431			0.00000879	0.0113	0.00789	0.424	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.35	23.5	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00265	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	
2030 May	8090	1.15	4.45	0.126	1460	0.249	438			0.00000894	0.0115	0.0188	0.432	0.0108	0.00000607	44.3	0.0000946	0.000508	0.000875	0.00732	0.0194	0.0000455	8.5	23.9	0.228	0.00429	437	0.0733	0.00228	0.0000344	0.0027	0.00121	0.871	0.00000161	0.00174	0.00231	0.00327	
2030 Jun	8030	1.14	4.42	0.125	1450	0.247	434			0.00000887	0.0114	0.021	0.428	0.0107	0.00000602	44	0.0000938	0.000504	0.000868	0.00726	0.0192	0.0000452	8.43	23.8	0.226	0.00426	434	0.0727	0.00226	0.0000341	0.00268	0.0012	0.864	0.00000159	0.00172	0.00229	0.00324	
2030 Jul	8000	1.13	4.4	0.125	1440	0.246	433			0.00000884	0.0114	0.0115	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2030 Aug	8000	1.13	4.4	0.125	1440	0.246	433			0.00000884	0.0114	0.0118	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2030 Sep	8000	1.13	4.4	0.125	1440	0.246	433			0.00000883	0.0114	0.015	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2030 Oct	7980	1.13	4.39	0.125	1440	0.246	432			0.00000881	0.0113	0.0112	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00721	0.0191	0.0000449	8.37	23.6	0.224	0.00423	431	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2030 Nov	7960	1.13	4.38	0.124	1430	0.245	431			0.00000879	0.0113	0.00922	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.35	23.5	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	
2030 Dec	7960	1.13	4.38	0.124	1430	0.245	431			0.00000879	0.0113	0.00923	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	
2031 Jan	7960	1.13	4.38	0.124	1430	0.245	431			0.00000879	0.0113	0.00923	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	
2031 Feb	7960	1.13	4.38	0.124	1430	0.245	431			0.00000879	0.0113	0.00923	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	
2031 Mar	7960	1.13	4.38	0.124	1430	0.245	431			0.00000879	0.0113	0.00923	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.36	23.6	0.224	0.00422	430	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00321	
2031 Apr	8000	1.13	4.4	0.125	1440	0.246	433			0.00000883	0.0114	0.0159	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	432	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2031 May	8120	1.14	4.42	0.125	1450	0.25	439			0.00000896	0.0115	0.0371	0.433	0.0108	0.00000609	44.4	0.0000948	0.00051	0.000877	0.00734	0.0194	0.0000457	8.52	24	0.228	0.0043	433	0.0735	0.00228	0.0000345	0.00271	0.00121	0.873	0.00000161	0.00174	0.00232	0.00327	
2031 Jun	7990	1.04	4.05	0.115	1330	0.246	433			0.00000883	0.0113	0.0203	0.426	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723	0.0191	0.000045	8.39	23.6	0.225	0.00424	398	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	
2031 Jul	8140	1.04	4.05	0.115	1330	0.251	440			0.00000899	0.0116	0.0201	0.434	0.0109	0.00000611	44.6	0.0000951	0.000511	0.00088	0.00736	0.0195	0.0000458	8.54	24.1	0.229	0.00432	398	0.0737	0.00229	0.0000346	0.00272	0.00122	0.876	0.00000161	0.00175	0.00233	0.00328	
2031 Aug	8020	0.998	3.88	0.11	1270	0.247	434			0.00000886	0.0114	0.0116	0.428	0.0107	0.00000602	43.9	0.0000937	0.000504	0.000867	0.00726	0.0192	0.0000451	8.42	23.7	0.225	0.00426	381	0.0726	0.00225	0.0000341	0.00268	0.0012	0.863	0.00000159	0.00172	0.00229	0.00324	
2031 Sep	8000	0.99	3.85	0.109	1260	0.246	433			0.00000883	0.0114	0.00888	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0724	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00228	0.00323	
2031 Oct	7990	0.988	3.84	0.109	1260	0.246	432			0.00000882	0.0113	0.00733	0.426	0.0107	0.00000599	43.7	0.0000933	0.000501	0.000863	0.00722	0.0191	0.0000449	8.38	23.6	0.224	0.00424	377	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	
2031 Nov	8000	0.989	3.85	0.109	1260	0.246	433			0.00000883	0.0114	0.00715	0.427	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723	0.0192	0.000045	8.39	23.7	0.225	0.00424	377	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	
2031 Dec	8000	0.989	3.85	0.109	1260	0.246	433			0.00000883	0.0114	0.00716	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0724	0.00225	0.0000334	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	
2032 Jan	8000	0.989	3.85	0.109	1260	0.246	433			0.00000883	0.0114	0.00716	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0724	0.00225	0.0000334	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	
2032 Feb	8000	0.989	3.85	0.109	1260	0.246	433			0.00000883	0.0114	0.00716	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0724	0.00225	0.0000334	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	
2032 Mar	8000	0.99	3.85	0.109	1260	0.246	433			0.00000884	0.0114	0.00716	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	378	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2032 Apr	8020	0.992	3.86	0.11	1260	0.247	434			0.00000886	0.0114	0.00718	0.428	0.0107	0.00000602	43.9	0.0000937	0.000504	0.000867	0.00726	0.0192	0.0000451	8.42	23.7	0.225	0.00425	379	0.0726	0.00225	0.0000334	0.00268	0.0012	0.863	0.00000159	0.00172	0.00229	0.00324	
2032 May	8110	1	3.89	0.111	1270	0.25	439			0.00000896	0.0115	0.0261	0.433	0.0108	0.00000609	44.4	0.0000948	0.00051	0.000877	0.00734	0.0194	0.0000456	8.52	24	0.228	0.0043	382	0.0735	0.00228	0.0000344	0.00271	0.00121	0.873	0.00000161	0.00174	0.00232	0.00327	
2032 Jun	7860	0.897	3.49	0.0991	1140	0.242	426			0.00000868	0.0112	0.0205	0.419	0.0105	0.0000059	43.1	0.0000919	0.000494	0.00085	0.00711	0.0188	0.0000442	8.25	23.3	0.221	0.00417	342	0.0712	0.00221	0.0000334	0.00262	0.00118	0.846	0.00000156	0.00169	0.00225	0.00317	
2032 Jul	7760	0.844	3.28	0.0932	1070	0.239	420			0.00000857	0.011	0.00929	0.414	0.0104	0.00000582	42.5	0.0000907	0.000487	0.000838	0.00702	0.0186	0.0000437	8.15	23	0.218	0.00412	322	0.0703	0.00218	0.0000329	0.00259	0.00116	0.835	0.00000154	0.00166	0.00222	0.00313	
2032 Aug	7960	0.862	3.35	0.0951	1100	0.245	431			0.00000879	0.0113	0.00968	0.425	0.0106	0.00000597	43.6	0.000093	0.0005	0.00086	0.0072	0.0191	0.0000448	8.36	23.6	0.224	0.00422	329	0.0721	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00227	0.00321	
2032 Sep	7990	0.864	3.36	0.0954	1100	0.246	432			0.00000882	0.0113	0.0126	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00723	0.0191	0.0000449	8.39	23.6	0.225	0.00424	330	0.0724	0.00225	0.0000339	0.00267	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	
2032 Oct	8000	0.865	3.36	0.0955	1100	0.246	433			0.00000883	0.0114	0.0131	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	330	0.0724	0.00225	0.0000334	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	

Appendix D.2-18: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	15.9	0.00224	0.00873	0.000248	2.86	0.000489	0.858			1.75E-08	0.0000225	0.00212	0.000846	0.0000212	1.19E-08	0.0869	0.000000185	0.000000996	0.00000171	0.0000144	0.000038	8.92E-08	0.0167	0.0469	0.000446	0.00000842	0.857	0.000144	0.00000446	6.73E-08	0.00000529	0.00000237	0.00171	3.15E-09	0.0000034	0.00000453	0.0000064	
Operation (2026-2036): Mean	7830	0.829	3.22	0.0915	1060	0.241	424			0.00000865	0.0111	0.0116	0.418	0.0105	0.00000588	42.9	0.0000915	0.000492	0.000847	0.00709	0.0188	0.0000441	8.22	23.2	0.22	0.00416	316	0.071	0.0022	0.0000333	0.00261	0.00117	0.843	0.00000155	0.00168	0.00224	0.00316	
Operation (2026-2036): Max	8160	1.15	4.45	0.126	1460	0.251	442			0.00000901	0.0116	0.0458	0.435	0.0109	0.00000612	44.7	0.0000954	0.000513	0.000882	0.00738	0.0196	0.0000459	8.57	24.1	0.229	0.00433	437	0.0739	0.00229	0.0000347	0.00272	0.00122	0.878	0.00000162	0.00175	0.00233	0.00329	
2032 Nov	8000	0.865	3.36	0.0955	1100	0.246	433			0.00000883	0.0114	0.0118	0.427	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723	0.0192	0.000045	8.39	23.7	0.225	0.00424	330	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00323	
2032 Dec	7980	0.863	3.36	0.0953	1100	0.246	432			0.00000881	0.0113	0.0108	0.426	0.0107	0.00000599	43.7	0.0000933	0.000501	0.000862	0.00722	0.0191	0.0000449	8.38	23.6	0.224	0.00423	329	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	
2033 Jan	7980	0.863	3.36	0.0953	1100	0.246	432			0.00000881	0.0113	0.0108	0.426	0.0107	0.00000599	43.7	0.0000933	0.000501	0.000862	0.00722	0.0191	0.0000449	8.38	23.6	0.224	0.00423	329	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	
2033 Feb	7980	0.863	3.36	0.0953	1100	0.246	432			0.00000882	0.0113	0.0108	0.426	0.0107	0.00000599	43.7	0.0000933	0.000501	0.000863	0.00722	0.0191	0.0000449	8.38	23.6	0.224	0.00423	329	0.0723	0.00224	0.0000339	0.00266	0.00119	0.859	0.00000158	0.00171	0.00228	0.00322	
2033 Mar	7990	0.864	3.36	0.0954	1100	0.246	432			0.00000882	0.0113	0.0108	0.426	0.0107	0.00000599	43.7	0.0000934	0.000502	0.000863	0.00723	0.0191	0.0000449	8.39	23.6	0.225	0.00424	330	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000158	0.00171	0.00228	0.00322	
2033 Apr	8030	0.868	3.37	0.0958	1100	0.247	434			0.00000886	0.0114	0.0108	0.428	0.0107	0.00000602	43.9	0.0000938	0.000504	0.000867	0.00726	0.0192	0.0000451	8.42	23.7	0.226	0.00426	331	0.0727	0.00226	0.0000341	0.00268	0.0012	0.863	0.00000159	0.00172	0.00229	0.00324	
2033 May	8050	0.843	3.28	0.0931	1070	0.248	436			0.00000889	0.0114	0.0247	0.429	0.0107	0.00000604	44.1	0.000094	0.000506	0.00087	0.00728	0.0193	0.0000453	8.45	23.8	0.226	0.00427	322	0.0729	0.00226	0.0000342	0.00269	0.0012	0.866	0.0000016	0.00173	0.0023	0.00325	
2033 Jun	7740	0.752	2.92	0.0831	957	0.238	419			0.00000855	0.011	0.0149	0.413	0.0103	0.00000581	42.4	0.0000904	0.000486	0.000836	0.007	0.0185	0.0000435	8.13	22.9	0.218	0.00411	287	0.0701	0.00218	0.0000329	0.00258	0.00116	0.833	0.00000154	0.00166	0.00221	0.00312	
2033 Jul	7990	0.766	2.98	0.0845	975	0.246	432			0.00000882	0.0113	0.0133	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00723	0.0191	0.0000449	8.38	23.6	0.225	0.00424	292	0.0723	0.00225	0.0000339	0.00266	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	
2033 Aug	8000	0.76	2.95	0.0839	967	0.246	433			0.00000884	0.0114	0.014	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	290	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2033 Sep	7990	0.755	2.94	0.0834	962	0.246	432			0.00000883	0.0113	0.00909	0.426	0.0107	0.00000599	43.8	0.0000934	0.000502	0.000864	0.00723	0.0191	0.000045	8.39	23.6	0.225	0.00424	288	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	
2033 Oct	7890	0.745	2.9	0.0823	949	0.243	427			0.00000871	0.0112	0.00622	0.421	0.0105	0.00000592	43.2	0.0000922	0.000495	0.000852	0.00714	0.0189	0.0000444	8.28	23.3	0.222	0.00418	284	0.0714	0.00222	0.0000335	0.00263	0.00118	0.849	0.00000156	0.00169	0.00225	0.00318	
2033 Nov	7900	0.746	2.9	0.0824	950	0.243	427			0.00000872	0.0112	0.00614	0.421	0.0105	0.00000592	43.2	0.0000923	0.000496	0.000853	0.00714	0.0189	0.0000444	8.29	23.4	0.222	0.00419	285	0.0715	0.00222	0.0000335	0.00263	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	
2033 Dec	7900	0.747	2.9	0.0825	950	0.243	428			0.00000873	0.0112	0.00614	0.421	0.0105	0.00000593	43.3	0.0000923	0.000496	0.000854	0.00715	0.0189	0.0000444	8.29	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000335	0.00264	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	
2034 Jan	7900	0.747	2.9	0.0825	951	0.243	428			0.00000873	0.0112	0.00614	0.421	0.0105	0.00000593	43.3	0.0000923	0.000496	0.000854	0.00715	0.0189	0.0000444	8.29	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000335	0.00264	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	
2034 Feb	7900	0.747	2.9	0.0825	951	0.243	428			0.00000873	0.0112	0.00614	0.421	0.0105	0.00000593	43.3	0.0000923	0.000496	0.000854	0.00715	0.0189	0.0000445	8.29	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000335	0.00264	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	
2034 Mar	7910	0.747	2.9	0.0825	951	0.243	428			0.00000873	0.0112	0.00614	0.422	0.0106	0.00000593	43.3	0.0000924	0.000497	0.000854	0.00715	0.0189	0.0000445	8.3	23.4	0.222	0.00419	285	0.0716	0.00222	0.0000336	0.00264	0.00118	0.85	0.00000157	0.0017	0.00226	0.00319	
2034 Apr	7960	0.752	2.92	0.083	957	0.245	430			0.00000878	0.0113	0.00618	0.424	0.0106	0.00000597	43.6	0.0000929	0.0005	0.00086	0.0072	0.0191	0.0000448	8.35	23.5	0.224	0.00422	287	0.072	0.00224	0.0000338	0.00265	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	
2034 May	8130	0.761	2.96	0.084	969	0.25	440			0.00000897	0.0115	0.0214	0.433	0.0108	0.0000061	44.5	0.000095	0.00051	0.000878	0.00735	0.0195	0.0000457	8.53	24	0.228	0.00431	290	0.0736	0.00228	0.0000345	0.00271	0.00122	0.874	0.00000161	0.00174	0.00232	0.00328	
2034 Jun	7940	0.699	2.72	0.0772	890	0.245	430			0.00000877	0.0113	0.0156	0.424	0.0106	0.00000596	43.5	0.0000928	0.000499	0.000858	0.00718	0.019	0.0000447	8.34	23.5	0.223	0.00421	267	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000158	0.0017	0.00227	0.0032	
2034 Jul	7990	0.679	2.64	0.075	865	0.246	432			0.00000882	0.0113	0.0135	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00722	0.0191	0.0000449	8.38	23.6	0.224	0.00424	259	0.0723	0.00224	0.0000339	0.00266	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	
2034 Aug	8010	0.673	2.61	0.0743	856	0.247	434			0.00000885	0.0114	0.016	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000866	0.00725	0.0192	0.0000451	8.41	23.7	0.225	0.00425	257	0.0726	0.00225	0.0000334	0.00267	0.0012	0.862	0.00000159	0.00172	0.00229	0.00323	
2034 Sep	7990	0.661	2.57	0.073	841	0.246	432			0.00000882	0.0113	0.00956	0.426	0.0107	0.00000599	43.7	0.0000933	0.000502	0.000863	0.00722	0.0191	0.0000449	8.38	23.6	0.224	0.00424	252	0.0723	0.00224	0.0000339	0.00266	0.0012	0.859	0.00000158	0.00171	0.00228	0.00322	
2034 Oct	7980	0.659	2.56	0.0728	839	0.246	432			0.00000881	0.0113	0.00669	0.426	0.0107	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00722	0.0191	0.0000449	8.37	23.6	0.224	0.00423	251	0.0723	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2034 Nov	8010	0.661	2.57	0.073	842	0.247	433			0.00000884	0.0114	0.00661	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000865	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00425	252	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2034 Dec	8010	0.661	2.57	0.073	842	0.247	433			0.00000884	0.0114	0.00661	0.427	0.0107	0.00000601	43.8	0.0000936	0.000503	0.000865	0.00724	0.0192	0.000045	8.41	23.7	0.225	0.00425	252	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2035 Jan	8010	0.661	2.57	0.073	842	0.247	433			0.00000884	0.0114	0.00661	0.427	0.0107	0.00000601	43.8	0.0000936	0.000503	0.000865	0.00724	0.0192	0.000045	8.41	23.7	0.225	0.00425	252	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2035 Feb	8010	0.661	2.57	0.073	842	0.247	433			0.00000884	0.0114	0.00661	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000865	0.00724	0.0192	0.0000451	8.41	23.7	0.225	0.00425	252	0.0725	0.00225	0.0000334	0.00267	0.0012	0.862	0.00000159	0.00172	0.00229	0.00323	
2035 Mar	8010	0.662	2.57	0.0731	842	0.247	433			0.00000885	0.0114	0.00662	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000866	0.00725	0.0192	0.0000451	8.41	23.7	0.225	0.00425	252	0.0725	0.00225	0.0000334	0.00267	0.0012	0.862	0.00000159	0.00172	0.00229	0.00323	
2035 Apr	8040	0.664	2.58	0.0733	845	0.248	435			0.00000888	0.0114	0.00664	0.429	0.0107	0.00000603	44	0.0000939	0.000505	0.000869	0.00727	0.0193	0.0000452	8.44	23.8	0.226	0.00426	253	0.0728	0.00226	0.0000341	0.00268	0.0012	0.865	0.00000159	0.00172	0.0023	0.00324	
2035 May	8160	0.67	2.6	0.074	853	0.251	442			0.00000901	0.0116	0.0207	0.435	0.0109	0.00000612	44.7	0.0000954	0.000513	0.000882	0.00738	0.0196	0.0000459	8.57	24.1	0.229	0.00433	256	0.0739	0.00229	0.0000347	0.00272	0.00122	0.878	0.00000162	0.00175	0.00233	0.00329	
2035 Jun	7790	0.585	2.27	0.0646	744	0.24	421			0.0000086	0.0111	0.0166	0.415	0.0104	0.00000584	42.6	0.000091	0.000489	0.000841	0.00704	0.0186	0.0000438	8.17	23	0.219	0.00413	223	0.0705	0.00219	0.0000333	0.0026	0.00116	0.837	0.00000154	0.00167	0.00222	0.00314	
2035 Jul	7950	0.584	2.27	0.0645	744	0.245	430			0.00000878	0.0113	0.0138	0.424	0.0106	0.00000597	43.6	0.0000929	0.0005	0.000859	0.0072	0.0191	0.0000447	8.35	23.5	0.224	0.00422	223	0.072	0.00224	0.0000338	0.00265	0.00119	0.856	0.00000158	0.00171	0.00227	0.00321	
2035 Aug	7990	0.579	2.25	0.0639	737	0.246	432			0.00000883	0.0113	0.0105	0.426	0.0107	0.00000599	43.8	0.0000934	0.000502	0.000864	0.00723	0.0191	0.000045	8.39	23.6	0.225	0.00424	221	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	
2035 Sep	7970	0.576	2.24	0.0636	733	0.246	431			0.0000088	0.0113	0.00864	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000861	0.00721	0.0191	0.0000449	8.37	23.6	0.224	0.00423	220	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2035 Oct	7980	0.576	2.24	0.0636	733	0.246	432			0.00000881	0.0113	0.00813	0.425	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00722	0.0191	0.0000449	8.37	23.6	0.224	0.00423	220	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2035 Nov	7890	0.569	2.21	0.0628	724	0.243	427			0.00000871	0.0112	0.00684	0.42	0.0105	0.00000591	43.2	0.0000921	0.000495	0.000852	0.00713	0.0189	0.0000443	8.27	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	
2035 Dec	7890	0.569	2.21	0.0629	725	0.243	427			0.00000871	0.0112	0.00685	0.421	0.0105	0.00000592	43.2	0.0000921	0.000495	0.000852	0.00713	0.0189	0.0000444	8.28	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	
2036 Jan	7890	0.569	2.21	0.0629	725	0.243	427			0.00000871	0.0112	0.00685	0.421	0.0105	0.00000592	43.2	0.0000921	0.000495	0.000852	0.00713	0.0189	0.0000444	8.28	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	
2036 Feb	7890	0.569	2.21	0.0629	725	0.243	427			0.00000871	0.0112	0.00685	0.421	0.0105	0.00000592	43.2	0.0000921	0.000495	0.000852	0.00713	0.0189	0.0000444	8.28	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	
2036 Mar	7890	0.569	2.21	0.0629	725	0.243	427			0.00000871	0.0112	0.00685	0.421	0.0105	0.00000592	43.2	0.0000921	0.000495	0.000852	0.00713	0.0189	0.0000444	8.28	23.3	0.222	0.00418	217	0.0714	0.00222	0.0000335	0.00263	0.00118	0.848	0.00000156	0.00169	0.00225	0.00318	
2036 Apr	7940	0.572	2.22	0.0632	728	0.244	429			0.00000876	0.0113	0.0131	0.423	0.0106	0.00000595	43.5	0.0000927	0.000498	0.000857	0.00718	0.019	0.0000446	8.33	23.5	0.223	0.00421	218	0.0719	0.00223	0.0000337	0.00265	0.00119	0.854	0.00000157	0.0017	0.00227	0.0032	
2036 May	8140	0.584	2.27	0.0645	744	0.251	440			0.00000898	0.0115	0.0299	0.434	0.0109	0.0000061	44.5	0.000095	0.000511	0.000879	0.00736	0.0195	0.0000458	8.54	24.1	0.229	0.00432	223	0.0737	0.00229	0.0000345	0.00271	0.00122	0.875	0.00000161	0.00174	0.00232	0.00328	
2036 Jun	7900	0.53	2.06	0.0585	675	0.243	428			0.00000873	0.0112	0.0176	0.421	0.0105	0.00000593	43.3	0.0000923	0.000496	0.000854	0.00715	0.0189	0.0000444	8.29	23.4	0.222	0.00419	202	0.0716	0.00222	0.0000335	0.00264	0.00118	0.85	0.00000157	0.00169	0.00226	0.00319	
2036 Jul	7980	0.514	2	0.0567	654	0.246	432			0.00000881	0.0113	0.0128	0.426	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00722	0.0191	0.0000449	8.37	23.6	0.224	0.00423	196	0.0723	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2036 Aug	7990	0.509	1.98	0.0562	648	0.246	433			0.00000883	0.0113	0.0148	0.426	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723	0.0191	0.000045	8.39	23.6	0.225	0.00424	194	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00171	0.00228	0.00322	
2036 Sep	8000	0.505	1.96	0.0558	643	0.246	433			0.00000883	0.0114	0.0102	0.427	0.0107	0.000006	43.8	0.0000934	0.000502	0.000864	0.00723	0.0192	0.000045	8.39	23.7	0.225	0.00424	193	0.0724	0.00225	0.0000339	0.00267	0.0012	0.86	0.00000159	0.00172	0.00228	0.00323	
2036 Oct	8000	0.505	1.96	0.0558	643	0.246	433			0.00000884	0.0114	0.00801	0.427	0.0107	0.000006	43.8	0.0000935	0.000503	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	193	0.0725	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00229	0.00323	
2036 Nov	7980	0.503	1.96	0.0556	641	0.246	432			0.00000881	0.0113	0.00724	0.426	0.0106	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00722	0.0191	0.0000449	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2036 Dec	7970	0.503	1.96	0.0555	640	0.245	431			0.0000088	0.0113	0.00706	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721	0.0191	0.0000448	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00322	
2037 Jan	7970	0.503	1.96	0.0555	640	0.245	431			0.0000088	0.0113	0.00706	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721	0.0191	0.0000448	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000338	0.00266	0.00119	0.857	0.00000158	0.00171	0.00228	0.00322	
2037 Feb	7970	0.503	1.96	0.0556	640	0.245	431			0.0000088	0.0113	0.00706	0.425	0.0106	0.00000598	43.6	0.0000931	0.000501	0.000861	0.00721	0.0191	0.0000448	8.37	23.6	0.224	0.00423	192	0.0722	0.00224	0.0000338	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2037 Mar	7980	0.503	1.96	0.0556	641	0.246	432			0.00000881	0.0113	0.00707	0.426	0.0107	0.00000598	43.7	0.0000932	0.000501	0.000862	0.00722	0.0191	0.0000449	8.37	23.6	0.224	0.00423	192	0.0723	0.00224	0.0000339	0.00266	0.00119	0.858	0.00000158	0.00171	0.00228	0.00322	
2037 Apr	8000	0.505	1.96	0.0557	643	0.246	433			0.00000883	0.0114	0.00709	0.427	0.0107	0.000006	43.8	0.0000935	0.000502	0.000864	0.00724	0.0192	0.000045	8.4	23.7	0.225	0.00424	193	0.0724	0.00225	0.0000334	0.00267	0.0012	0.861	0.00000159	0.00172	0.00228	0.00323	
2037 May	8010	0.505	1.97	0.0558	623	0.247	433			0.00000884	0.0114	0.00671	0.427	0.0107	0.00000601	43.9	0.0000936	0.000503	0.000865	0.00725	0.0192	0.0000451	8.41	23.7	0.225	0.00425	187	0.0725	0.00225	0.0000334	0.00267	0.0012	0.862	0.00000159	0.00172	0.00229	0.00323	
2037 Jun	2230	0.143	0.547	0.0161	166	0.0867	122	0.000713	0.000713	0.00000601	0.00498	0.0018	0.12	0.008	0.00000523	16.7	0.0000294	0.00021	0.000282	0.00257	0.0156	0.000013	2.9	7.27	0.0641	0.00122	50.9	0.0204	0.00372	0.0000451	0.000753	0.00036	0.257	0.00000187	0.000485	0.000682	0.00146	
2037 Jul	733	0.0494	0.179	0.00587	58.1	0.0456	41.2	0.000913	0.000913	0.00000535	0.00336	0.000728	0.0408	0.00741	0.0000051	9.72	0.0000129	0.000136	0.000132	0.00137	0.0148	0.00000466	1.48	3.03	0.0224	0.000441	19	0.00693	0.00417	0.0000486	0.000256	0.000143	0.1	0.00000197	0.000166	0.000267	0.00102	
2037 Aug	499	0.0348	0.122	0.00426	41.5	0.0392	28.7	0.000945	0.000945	0.00000525	0.00317	0.000561	0.0287	0.00742	0.00000508	8.71	0.0000103	0.000109	0.000115	0.00116	0.0141	0.00000332	1.27	2.38	0.0159	0.00032	14.1	0.00479	0.00418	0.0000426	0.000178	0.000109	0.0766	0.00000198	0.000116	0.000199	0.000948	
2037 Sep	396	0.0283	0.0962	0.00355	34.3	0.0364	23.3	0.000959	0.000959	0.0000052	0.00313	0.000485	0.0235	0.0075	0.00000507	8.35	0.00000914	0.0000831	0.000114	0.00106	0.0134	0.0000027	1.2	2.11	0.013	0.000267	12	0.00382	0.0042	0.0000381	0.000143	0.0000941	0.0672	0.00000199	0.0000938	0.000165	0.000917	
2037 Oct	381	0.0273	0.0923	0.00345	33.2	0.0359	22.5	0.000959	0.000959	0.00000519	0.00312	0.00047	0.0228	0.00753	0.00000506	8.31	0.00000896	0.0000756	0.000114	0.00105	0.0131	0.0000259	1.2	2.08	0.0125	0.000259	11.7

Appendix D.2-18: WES01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	15.9	0.00224	0.00873	0.000248	2.86	0.000489	0.858			1.75E-08	0.0000225	0.00212	0.000846	0.0000212	1.19E-08	0.0869	0.000000185	0.000000996	0.00000171	0.0000144	0.000038	8.92E-08	0.0167	0.0469	0.000446	0.00000842	0.857	0.000144	0.00000446	6.73E-08	0.00000529	0.00000237	0.00171	3.15E-09	0.0000034	0.00000453	0.0000064	
Operation (2026-2036): Mean	7830	0.829	3.22	0.0915	1060	0.241	424			0.00000865	0.0111	0.0116	0.418	0.0105	0.00000588	42.9	0.0000915	0.000492	0.000847	0.00709	0.0188	0.0000441	8.22	23.2	0.22	0.00416	316	0.071	0.0022	0.0000333	0.00261	0.00117	0.843	0.00000155	0.00168	0.00224	0.00316	
Operation (2026-2036): Max	8160	1.15	4.45	0.126	1460	0.251	442			0.00000901	0.0116	0.0458	0.435	0.0109	0.00000612	44.7	0.0000954	0.000513	0.000882	0.00738	0.0196	0.0000459	8.57	24.1	0.229	0.00433	437	0.0739	0.00229	0.0000347	0.00272	0.00122	0.878	0.00000162	0.00175	0.00233	0.00329	
2040 May	315	0.0232	0.0761	0.00299	26.1	0.0341	18.9	0.000968	0.000968	0.00000516	0.00305	0.00042	0.0193	0.0075	0.00000506	8.01	0.00000823	0.0000719	0.000108	0.000995	0.0131	0.0000222	1.14	1.89	0.0106	0.000224	9.58	0.00307	0.00425	0.0000387	0.000116	0.0000822	0.0591	0.00000199	0.0000763	0.000141	0.000891	
2040 Jun	328	0.024	0.0793	0.00308	26.5	0.0344	19.6	0.000964	0.000964	0.00000515	0.00305	0.000429	0.02	0.00748	0.00000505	8.04	0.00000837	0.0000742	0.000108	0.00101	0.0131	0.0000023	1.14	1.93	0.011	0.000231	9.68	0.00319	0.00424	0.0000039	0.000121	0.0000084	0.0603	0.00000199	0.0000791	0.000145	0.000894	
2040 Jul	317	0.0233	0.0766	0.003	25.6	0.0341	19	0.000966	0.000966	0.00000516	0.00303	0.000422	0.0193	0.00747	0.00000505	7.98	0.00000825	0.0000767	0.000106	0.001	0.0132	0.0000225	1.13	1.89	0.0107	0.000225	9.42	0.0031	0.00425	0.0000399	0.000117	0.0000824	0.059	0.00000199	0.0000767	0.000143	0.000891	
2040 Aug	305	0.0225	0.0736	0.00292	24.8	0.0338	18.3	0.000969	0.000969	0.00000516	0.00303	0.000414	0.0187	0.00747	0.00000506	7.93	0.00000812	0.0000759	0.000105	0.00099	0.0132	0.0000218	1.12	1.86	0.0104	0.000219	9.18	0.00299	0.00425	0.0000394	0.000113	0.0000807	0.0578	0.00000199	0.0000742	0.000139	0.000888	
2040 Sep	294	0.0219	0.071	0.00285	24.1	0.0335	17.8	0.000971	0.000971	0.00000515	0.00303	0.000406	0.0182	0.00749	0.00000506	7.9	0.000008	0.0000722	0.000105	0.000978	0.0131	0.0000211	1.11	1.83	0.0101	0.000213	8.98	0.00289	0.00425	0.0000386	0.000109	0.0000792	0.0569	0.00000199	0.0000719	0.000136	0.000885	
2040 Oct	288	0.0215	0.0694	0.00281	23.7	0.0334	17.4	0.000971	0.000971	0.00000515	0.00302	0.000401	0.0179	0.00749	0.00000505	7.88	0.00000793	0.0000704	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.86	0.00283	0.00426	0.0000388	0.000107	0.0000782	0.0563	0.000002	0.0000705	0.000133	0.000883	
2040 Nov	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.88	0.00000794	0.0000705	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	
2040 Dec	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.88	0.00000794	0.0000705	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	
2041 Jan	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.88	0.00000794	0.0000705	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	
2041 Feb	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.88	0.00000794	0.0000705	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	
2041 Mar	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00987	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	
2041 Apr	288	0.0215	0.0695	0.00281	23.7	0.0334	17.4	0.000972	0.000972	0.00000515	0.00302	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000973	0.013	0.00000207	1.11	1.82	0.00988	0.00021	8.87	0.00283	0.00426	0.0000388	0.000107	0.0000783	0.0563	0.000002	0.0000705	0.000134	0.000884	
2041 May	288	0.0215	0.0696	0.00281	23.7	0.0334	17.5	0.000972	0.000972	0.00000515	0.00303	0.000402	0.0179	0.0075	0.00000506	7.89	0.00000794	0.0000705	0.000105	0.000974	0.013	0.00000208	1.11	1.82	0.00989	0.00021	8.88	0.00283	0.00426	0.0000388	0.000108	0.0000784	0.0564	0.000002	0.0000707	0.000134	0.000884	
2041 Jun	294	0.0219	0.0711	0.00285	23.8	0.0335	17.8	0.00097	0.00097	0.00000515	0.00302	0.000406	0.0182	0.00748	0.00000505	7.9	0.000008	0.0000722	0.000105	0.000979	0.0131	0.00000211	1.11	1.83	0.0101	0.000213	8.89	0.00289	0.00426	0.0000389	0.000109	0.0000792	0.0569	0.00000199	0.0000719	0.000136	0.000885	
2041 Jul	299	0.0222	0.0723	0.00288	23.7	0.0336	18	0.000967	0.000967	0.00000514	0.00302	0.000409	0.0184	0.00746	0.00000504	7.9	0.00000805	0.0000746	0.000105	0.000984	0.0131	0.00000215	1.11	1.84	0.0102	0.000216	8.84	0.00294	0.00425	0.0000396	0.000111	0.0000799	0.0572	0.00000199	0.000073	0.000137	0.000885	
2041 Aug	289	0.0215	0.0697	0.00281	23	0.0334	17.5	0.000971	0.000971	0.00000515	0.00301	0.000402	0.0179	0.00747	0.00000505	7.86	0.00000794	0.0000674	0.000104	0.000976	0.0132	0.00000209	1.11	1.81	0.00991	0.00021	8.65	0.00284	0.00425	0.0000392	0.000108	0.0000784	0.0562	0.00000199	0.0000708	0.000135	0.000883	
2041 Sep	279	0.021	0.0674	0.00275	22.4	0.0331	17	0.000972	0.000972	0.00000514	0.00301	0.000396	0.0174	0.00748	0.00000505	7.83	0.00000784	0.0000711	0.000104	0.000966	0.0131	0.00000203	1.1	1.79	0.00965	0.000206	8.49	0.00276	0.00426	0.0000386	0.000105	0.0000777	0.0554	0.00000199	0.0000688	0.000131	0.000881	
2041 Oct	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000972	0.000972	0.00000514	0.00301	0.000392	0.0172	0.00748	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000962	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00271	0.00426	0.0000387	0.000103	0.0000764	0.055	0.00000199	0.0000678	0.00013	0.000879	
2041 Nov	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000393	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00272	0.00426	0.0000388	0.000103	0.0000764	0.055	0.00000199	0.0000678	0.00013	0.000879	
2041 Dec	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000393	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00272	0.00426	0.0000388	0.000103	0.0000764	0.055	0.00000199	0.0000678	0.00013	0.000879	
2042 Jan	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000393	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00272	0.00426	0.0000388	0.000103	0.0000764	0.055	0.00000199	0.0000678	0.00013	0.000879	
2042 Feb	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000393	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00272	0.00426	0.0000388	0.000103	0.0000764	0.055	0.00000199	0.0000678	0.00013	0.000879	
2042 Mar	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000393	0.0172	0.00749	0.00000505	7.82	0.00000779	0.0000697	0.000104	0.000963	0.013	0.000002	1.1	1.78	0.00952	0.000203	8.41	0.00272	0.00426	0.0000388	0.000103	0.0000764	0.055	0.000002	0.0000678	0.00013	0.000879	
2042 Apr	275	0.0207	0.0664	0.00272	22.2	0.033	16.8	0.000973	0.000973	0.00000514	0.00301	0.000393	0.0172	0.00749	0.00000505	7.82	0.0000078	0.0000697	0.000104	0.000963	0.013	0.00000201	1.1	1.78	0.00953	0.000204	8.42	0.00272	0.00426	0.0000388	0.000103	0.0000765	0.055	0.000002	0.0000679	0.00013	0.00088	
2042 May	276	0.0207	0.0665	0.00273	22.2	0.0331	16.8	0.000974	0.000974	0.00000515	0.00301	0.000393	0.0172	0.0075	0.00000506	7.83	0.00000781	0.0000698	0.000104	0.000964	0.013	0.00000201	1.1	1.78	0.00954	0.000204	8.43	0.00272	0.00427	0.0000388	0.000103	0.0000766	0.0551	0.000002	0.0000678	0.00013	0.00088	
2042 Jun	275	0.0207	0.0663	0.00272	22	0.033	16.7	0.000973	0.000973	0.00000514	0.003	0.000392	0.0172	0.00748	0.00000505	7.82	0.00000779	0.0000707	0.000103	0.000963	0.0131	0.00000201	1.1	1.78	0.00952	0.000203	8.37	0.00272	0.00426	0.0000389	0.000103	0.0000764	0.0549	0.00000199	0.0000678	0.00013	0.000879	
2042 Jul	269	0.0203	0.0648	0.00268	21.6	0.0328	16.4	0.000973	0.000973	0.00000513	0.00299	0.000388	0.0168	0.00746	0.00000505	7.77	0.00000772	0.0000723	0.000102	0.00096	0.0131	0.00000198	1.09	1.76	0.00935	0.0002	8.22	0.00266	0.00426	0.0000395	0.000101	0.0000755	0.0541	0.00000199	0.0000665	0.000129	0.000877	
2042 Aug	261	0.0198	0.063	0.00262	21.1	0.0326	16	0.000972	0.000972	0.00000512	0.00298	0.000383	0.0164	0.00745	0.00000504	7.73	0.00000763	0.0000717	0.000101	0.000952	0.0131	0.00000193	1.08	1.73	0.00914	0.000196	8.07	0.00259	0.00425	0.0000391	0.0000985	0.0000744	0.0533	0.00000199	0.0000649	0.000127	0.000874	
2042 Sep	253	0.0193	0.061	0.00257	20.6	0.0323	15.6	0.000973	0.000973	0.00000512	0.00298	0.000377	0.016	0.00745	0.00000504	7.7	0.00000754	0.0000693	0.000101	0.000943	0.013	0.00000188	1.07	1.71	0.00891	0.000192	7.93	0.00252	0.00425	0.0000386	0.0000958	0.0000731	0.0526	0.00000199	0.0000631	0.000124	0.000871	
2042 Oct	249	0.019	0.06	0.00254	20.4	0.0322	15.3	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00745	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.000939	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.86	0.00248	0.00426	0.0000387	0.0000944	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	
2042 Nov	249	0.019	0.06	0.00254	20.4	0.0322	15.4	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00745	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000944	0.0000725	0.0522	0.00000199	0.0000622	0.000123	0.000869	
2042 Dec	249	0.019	0.06	0.00254	20.4	0.0322	15.4	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00746	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000944	0.0000726	0.0522	0.00000199	0.0000622	0.000123	0.000869	
2043 Jan	249	0.019	0.06	0.00254	20.4	0.0322	15.4	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00746	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000944	0.0000726	0.0522	0.00000199	0.0000622	0.000123	0.000869	
2043 Feb	249	0.019	0.06	0.00254	20.4	0.0322	15.4	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00746	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000944	0.0000726	0.0522	0.00000199	0.0000622	0.000123	0.000869	
2043 Mar	249	0.019	0.06	0.00254	20.4	0.0322	15.4	0.000973	0.000973	0.00000511	0.00297	0.000374	0.0158	0.00746	0.00000503	7.68	0.00000749	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000944	0.0000726	0.0522	0.00000199	0.0000622	0.000123	0.000869	
2043 Apr	249	0.0191	0.06	0.00254	20.4	0.0322	15.4	0.000973	0.000973	0.00000512	0.00297	0.000374	0.0158	0.00746	0.00000504	7.69	0.00000749	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.7	0.00879	0.00019	7.87	0.00248	0.00426	0.0000387	0.0000945	0.0000726	0.0522	0.00000199	0.0000623	0.000123	0.000869	
2043 May	250	0.0191	0.0601	0.00254	20.4	0.0323	15.4	0.000974	0.000974	0.00000512	0.00298	0.000375	0.0158	0.00747	0.00000504	7.69	0.00000762	0.0000681	0.000101	0.00094	0.013	0.00000186	1.07	1.71	0.00881	0.00019	7.88	0.00248	0.00426	0.0000387	0.0000946	0.0000727	0.0523	0.00000199	0.0000624	0.000123	0.00087	
2043 Jun	247	0.0189	0.0595	0.00253	20.2	0.0322	15.2	0.000973	0.000973	0.00000511	0.00297	0.000373	0.0157	0.00745	0.00000503	7.67	0.00000747	0.0000688	0.000101	0.000939	0.013	0.00000185	1.07	1.7	0.00874	0.000189	7.81	0.00246	0.00426	0.0000389	0.0000938	0.0000722	0.0519	0.00000199	0.0000618	0.000122	0.000868	
2043 Jul	240	0.0185	0.0578	0.00248	19.8	0.032	14.9	0.000976	0.000976	0.00000512	0.00296	0.000369	0.0153	0.00745	0.00000504	7.64	0.0000074	0.0000702	0.000994	0.000936	0.0131	0.00000181	1.06	1.68	0.00854	0.000185	7.69	0.0024	0.00427	0.0000394	0.0000914	0.0000713	0.0511	0.000002	0.0000603	0.000121	0.000868	
2043 Aug	235	0.0182	0.0565	0.00245	19.5	0.0319	14.6	0.000979	0.000979	0.00000513	0.00296	0.000366	0.015	0.00746	0.00000505	7.63	0.00000736	0.0000705	0.0000989	0.000934	0.0131	0.00000179	1.06	1.66	0.00841	0.000182	7.61	0.00236	0.00428	0.0000395	0.0000898	0.0000707	0.0507	0.000002	0.0000593	0.000121	0.000868	
2043 Sep	235	0.0182	0.0566	0.00245	19.5	0.032	14.6	0.00098	0.00098	0.00000513	0.00296	0.000366	0.015	0.00747	0.00000506	7.63	0.00000736	0.0000705	0.000099	0.000934	0.0131	0.00000179	1.06	1.67	0.00843	0.000183	7.62	0.00236	0.00428	0.0000394	0.0000899	0.0000707	0.0507	0.000002	0.0000594	0.000121	0.000869	
2043 Oct	236	0.0182	0.0567	0.00245	19.5	0.032	14.6	0.000979	0.000979	0.00000513	0.00296	0.000366	0.0151	0.00747	0.00000506	7.63	0.00000736	0.0000705	0.000099	0.000934	0.0131	0.00000179	1.06	1.67	0.00843	0.000183	7.62	0.00236	0.00428	0.0000394	0.0000901	0.0000708	0.0507	0.000002	0.0000595	0.000120	0.000869	
2043 Nov	236	0.0182	0.0567	0.00245	19.5	0.032	14.6	0.000979	0.000979	0.00000513	0.00296	0.000366	0.0151	0.00746	0.00000505	7.63	0.00000737	0.0000705	0.000099	0.000934	0.0131	0.00000179	1.06	1.67	0.00844	0.000183	7.62	0.00237	0.00428	0.0000394	0.0000901	0.0000708	0.0507	0.000002	0.0000595	0.000120	0.000869	
2043 Dec	236	0.0182	0.0567	0.00245	19.5	0.032	14.6	0.000979	0.000979	0.00000513	0.00296	0.000366	0.0151	0.00746	0.00000505	7.63	0.00000737	0.0000705	0.000099	0.000934	0.0131	0.00000179	1.06	1.67	0.00844	0.000183	7.62	0.00237	0.00428	0.0000394	0.0000901	0.0000708	0.0508	0.000002	0.0000595	0.00012	0.000869	

Appendix D.2-19: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	37.1	0.0329	0.00991	0.000257	9.42	0.00515	3.22	0.000147	0.000147	0.00000129	0.00152	0.00072	0.00178	0.0105	0.00000129	14.8	0.00000515	0.00018	0.000309	0.000489	0.0243	0.00000257	0.859	2.08	0.0527	0.0000759	3.23	0.000669	0.00894	0.0000311	0.0000592	0.0000334	0.08	0.000000515	0.0000257	0.00054	0.000399	0.0858
Operation (2026-2036): Mean	32800	42.9	50.4	1.35	21500	0.0737	2010	0.0517	0.00405	0.000301	0.0157	0.104	0.825	0.203	0.0000663	1070	0.000323	0.00109	0.0062	0.0034	0.0567	0.0000163	307	92	0.266	0.0484	9830	0.0452	0.145	0.000172	0.0155	0.00301	27	0.0000393	0.00104	0.00882	0.0248	0.242
Operation (2026-2036): Max	44000	78.5	89	2.47	29300	0.242	2660	0.111	0.00762	0.000419	0.02	1.82	1.08	0.284	0.000165	1450	0.00043	0.00178	0.0084	0.00609	0.116	0.000041	417	117	0.317	0.0673	13400	0.067	0.295	0.000593	0.0212	0.00443	36.9	0.0000545	0.0016	0.0128	0.0333	0.267
Active Closure (2037-2043): Min	287	0.0944	0.135	0.00446	67.4	0.0317	19.6	0.00106	0.000982	0.00000583	0.00308	0.00055	0.0166	0.00831	0.00000515	10.6	0.0000082	0.0000784	0.000119	0.000905	0.0146	0.00000194	1.79	1.94	0.0094	0.000314	30.4	0.0023	0.00593	0.0000472	0.000122	0.0000752	0.117	0.00000209	0.0000599	0.000147	0.000948	0.000495
Active Closure (2037-2043): Mean	7600	7.47	9.24	0.245	4900	0.0432	472	0.0086	0.0015	0.0000729	0.00595	0.0151	0.199	0.0521	0.0000152	251	0.0000803	0.000414	0.0015	0.00149	0.0243	0.0000534	71.3	23.2	0.0702	0.0124	2240	0.0121	0.0306	0.0000823	0.00361	0.000758	6.21	0.0000105	0.000372	0.00206	0.0064	0.0456
Active Closure (2037-2043): Max	38200	38.9	48	1.27	25500	0.0894	2360	0.0409	0.00379	0.000359	0.0174	0.0767	0.944	0.237	0.000058	1270	0.000381	0.00177	0.00733	0.00364	0.0613	0.0000184	367	112	0.308	0.0634	11700	0.0486	0.133	0.000243	0.0183	0.00358	32.1	0.0000466	0.00156	0.01	0.0295	0.238
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan	37.1	0.0329	0.00991	0.000257	9.42	0.00515	3.22	0.000257	0.000257	0.00000129	0.00152	0.00072	0.00178	0.0187	0.00000129	14.8	0.00000515	0.00018	0.000309	0.000489	0.0489	0.00000257	0.859	2.08	0.0527	0.0000759	3.23	0.000669	0.018	0.000246	0.0000592	0.0000334	0.08	0.000000515	0.0000257	0.00054	0.000399	
2026 Feb	68.8	0.0611	0.0184	0.000477	17.5	0.00955	5.97	0.000477	0.000477	0.00000239	0.00282	0.00134	0.00329	0.0346	0.00000239	27.4	0.00000955	0.000334	0.000573	0.000907	0.0907	0.00000477	1.59	3.86	0.0978	0.000141	5.99	0.00124	0.0334	0.000456	0.00011	0.0000621	0.148	0.00000955	0.0000477	0.001	0.00074	
2026 Mar	80.8	0.0717	0.0216	0.00056	20.5	0.0112	7	0.00056	0.00056	0.0000028	0.00331	0.33	0.00387	0.0406	0.0000028	32.2	0.0000112	0.000392	0.000672	0.00106	0.106	0.0000056	1.87	4.53	0.115	0.000165	7.03	0.00146	0.0392	0.000536	0.000129	0.0000728	0.174	0.00000112	0.000056	0.00118	0.000868	
2026 Apr	87.7	0.0778	0.0234	0.000608	22.3	0.0122	7.6	0.000608	0.000608	0.00000304	0.00359	1.74	0.0042	0.0441	0.00000304	35	0.0000122	0.000426	0.00073	0.00116	0.116	0.00000608	2.03	4.91	0.125	0.000179	7.63	0.00158	0.0426	0.000581	0.00014	0.0000791	0.189	0.00000122	0.0000608	0.00128	0.000943	
2026 May	416	0.124	0.204	0.00575	87.3	0.0235	28.4	0.000619	0.000619	0.00000345	0.00412	1.82	0.0236	0.0444	0.00000333	37	0.0000162	0.000451	0.000765	0.00144	0.116	0.00000804	2.34	6.03	0.133	0.000374	27.1	0.00471	0.0431	0.000593	0.00025	0.0000131	0.225	0.0000013	0.000136	0.00137	0.0011	
2026 Jun	2820	0.404	1.54	0.0444	559	0.108	179	0.000643	0.000643	0.00000619	0.00853	0.0245	0.171	0.0115	0.00000525	24.9	0.0000464	0.000354	0.000408	0.00279	0.0361	0.0000222	3.22	10.5	0.0913	0.00172	168	0.0273	0.0301	0.0000999	0.00107	0.0000458	0.343	0.00000181	0.000666	0.00111	0.00245	
2026 Jul	3970	0.564	2.18	0.0622	786	0.144	251	0.000513	0.000513	0.00000676	0.00907	0.0152	0.237	0.0109	0.00000543	30.6	0.0000563	0.000411	0.000519	0.00368	0.0323	0.0000273	4.16	14.3	0.12	0.00239	236	0.0381	0.0243	0.0000782	0.00141	0.000627	0.461	0.00000177	0.00092	0.00133	0.00262	
2026 Aug	5520	0.784	3.03	0.0864	1090	0.194	349	0.000319	0.000319	0.00000745	0.00961	0.0133	0.326	0.0106	0.0000056	38.7	0.0000689	0.000489	0.000679	0.00491	0.0278	0.0000342	5.45	19.5	0.16	0.00331	328	0.0527	0.0159	0.0000591	0.00187	0.000857	0.623	0.00000167	0.00126	0.00163	0.00279	
2026 Sep	7030	0.998	3.86	0.11	1390	0.242	445	0.000147	0.000147	0.00000819	0.0105	0.016	0.414	0.0105	0.00000584	46.7	0.0000828	0.000574	0.000837	0.00609	0.0243	0.000041	6.71	24.5	0.199	0.00419	418	0.067	0.00894	0.0000439	0.00232	0.00108	0.781	0.00000161	0.0016	0.00196	0.00303	
2026 Oct	5690	0.836	3.13	0.089	1130	0.206	361	0.000296	0.000296	0.00000752	0.0101	0.0102	0.337	0.0119	0.00000561	41	0.0000694	0.000501	0.000702	0.00513	0.0284	0.0000349	5.65	20.2	0.162	0.00353	339	0.0544	0.0185	0.0000319	0.00187	0.00088	0.646	0.00000166	0.00131	0.00161	0.00259	
2026 Nov	5370	0.794	2.95	0.084	1070	0.196	341	0.000338	0.000338	0.00000738	0.01	0.00967	0.318	0.0122	0.00000558	39.6	0.0000663	0.000484	0.000669	0.00489	0.0295	0.0000335	5.39	19.1	0.154	0.00336	320	0.0513	0.0208	0.0000312	0.00176	0.000832	0.614	0.00000168	0.00124	0.00153	0.00251	
2026 Dec	5310	0.787	2.91	0.0831	1050	0.195	337	0.000345	0.000345	0.00000735	0.01	0.00958	0.315	0.0123	0.00000558	39.3	0.0000658	0.000481	0.000663	0.00485	0.0297	0.0000332	5.34	18.9	0.152	0.00333	316	0.0507	0.0212	0.0000311	0.00174	0.000824	0.608	0.00000169	0.00123	0.00151	0.00249	
2027 Jan	5280	0.783	2.9	0.0826	1050	0.194	335	0.000349	0.000349	0.00000734	0.01	0.00954	0.313	0.0124	0.00000557	39.3	0.0000655	0.00048	0.000663	0.00483	0.0301	0.0000331	5.32	18.9	0.152	0.00331	314	0.0505	0.0214	0.0000333	0.00174	0.000819	0.605	0.00000169	0.00122	0.00151	0.00248	
2027 Feb	5270	0.781	2.89	0.0824	1040	0.193	334	0.000351	0.000351	0.00000733	0.01	0.00951	0.312	0.0126	0.00000557	39.4	0.0000654	0.000481	0.000665	0.00482	0.0306	0.000033	5.32	18.8	0.152	0.0033	313	0.0503	0.0216	0.0000359	0.00173	0.000817	0.604	0.00000169	0.00122	0.00151	0.00248	
2027 Mar	5260	0.78	2.88	0.0822	1040	0.193	333	0.000352	0.000352	0.00000733	0.01	0.0095	0.311	0.0128	0.00000557	39.4	0.0000653	0.000482	0.000666	0.00482	0.031	0.0000333	5.31	18.8	0.152	0.0033	313	0.0502	0.0217	0.0000379	0.00173	0.000816	0.604	0.00000169	0.00122	0.00151	0.00248	
2027 Apr	5260	0.78	2.88	0.0822	1040	0.193	333	0.000354	0.000354	0.00000734	0.01	0.00951	0.311	0.0129	0.00000558	39.5	0.0000653	0.000483	0.000668	0.00482	0.0313	0.0000333	5.32	18.8	0.152	0.0033	313	0.0502	0.0218	0.0000395	0.00173	0.000816	0.604	0.00000169	0.00122	0.00152	0.00248	
2027 May	5310	0.787	2.91	0.083	1050	0.194	337	0.000353	0.000353	0.00000738	0.0101	0.023	0.314	0.013	0.00000561	39.9	0.0000659	0.000487	0.000675	0.00486	0.0316	0.0000333	5.37	19	0.154	0.00333	316	0.0507	0.0218	0.000042	0.00174	0.000824	0.61	0.00000171	0.00123	0.00153	0.0025	
2027 Jun	3720	0.54	2.04	0.0584	738	0.139	236	0.000538	0.000538	0.00000662	0.00908	0.0218	0.223	0.0115	0.00000538	29.9	0.0000537	0.000399	0.000496	0.00352	0.0333	0.0000262	3.97	13.5	0.113	0.00229	221	0.0358	0.0266	0.0000719	0.00132	0.00059	0.437	0.00000177	0.000869	0.00126	0.0025	
2027 Jul	3600	0.516	1.97	0.0565	713	0.133	228	0.000553	0.000553	0.00000657	0.00896	0.0109	0.216	0.0109	0.00000537	28.6	0.0000531	0.00039	0.000477	0.0034	0.0326	0.0000257	3.85	13.1	0.109	0.00219	214	0.0346	0.0264	0.0000673	0.00129	0.0005571	0.422	0.00000178	0.000839	0.00124	0.00254	
2027 Aug	4100	0.585	2.25	0.0642	811	0.149	259	0.000496	0.000496	0.00000682	0.00919	0.0115	0.244	0.0108	0.00000545	31.3	0.0000574	0.000417	0.000529	0.00379	0.0315	0.0000279	4.26	14.7	0.122	0.00248	244	0.0393	0.0239	0.0000691	0.00144	0.000645	0.474	0.00000176	0.000949	0.00135	0.00262	
2027 Sep	5310	0.774	2.91	0.083	1050	0.192	336	0.000366	0.000366	0.00000745	0.01	0.0118	0.314	0.0118	0.00000567	38.8	0.000067	0.000485	0.000662	0.00481	0.0299	0.0000334	5.32	18.9	0.153	0.00327	316	0.0507	0.0206	0.0000438	0.00177	0.000824	0.605	0.00000172	0.00122	0.00156	0.00265	
2027 Oct	6110	0.889	3.36	0.0955	1210	0.217	387	0.000247	0.000247	0.00000772	0.0103	0.00997	0.361	0.0116	0.00000567	42.9	0.0000735	0.000524	0.000745	0.00544	0.0271	0.0000368	5.98	21.6	0.174	0.00375	363	0.0583	0.0158	0.0000328	0.00201	0.000943	0.689	0.00000164	0.0014	0.00171	0.0027	
2027 Nov	5990	0.874	3.29	0.0936	1190	0.214	380	0.00026	0.00026	0.00000765	0.0102	0.00853	0.354	0.0117	0.00000564	42.4	0.0000723	0.000517	0.000732	0.00535	0.0274	0.0000362	5.88	21.2	0.17	0.00368	356	0.0571	0.0165	0.0000322	0.00197	0.000924	0.676	0.00000164	0.00138	0.00168	0.00267	
2027 Dec	5890	0.861	3.23	0.0921	1170	0.211	373	0.000272	0.000272	0.0000076	0.0102	0.0083	0.348	0.0117	0.00000563	41.9	0.0000713	0.000512	0.000722	0.00527	0.0277	0.0000358	5.8	20.8	0.168	0.00363	350	0.0562	0.0172	0.0000319	0.00193	0.00091	0.666	0.00000165	0.00135	0.00166	0.00264	
2028 Jan	16200	34.2	38.4	1.13	9970	0.0696	972	0.0525	0.00365	0.000146	0.0106	0.0601	0.476	0.112	0.000125	487	0.000162	0.000606	0.00306	0.00238	0.0328	0.0000137	139	43	0.136	0.0288	4500	0.0302	0.0801	0.000087	0.00771	0.00219	12.4	0.0000252	0.000839	0.00607	0.0117	0.0866
2028 Feb	16000	34.3	38.5	1.13	9960	0.063	962	0.0526	0.00365	0.000146	0.0103	0.06	0.466	0.112	0.000125	487	0.00016	0.000592	0.00304	0.00221	0.0322	0.0000126	139	42.5	0.131	0.0287	4500	0.0284	0.0798	0.0000875	0.00767	0.00216	12.4	0.0000253	0.000798	0.00604	0.0117	0.0869
2028 Mar	16000	34.2	38.4	1.13	9960	0.0629	962	0.0526	0.00365	0.000146	0.0103	0.0599	0.465	0.112	0.000125	487	0.00016	0.000592	0.00304	0.00221	0.0324	0.0000126	139	42.5	0.131	0.0287	4500	0.0284	0.0798	0.0000883	0.00766	0.00216	12.4	0.0000252	0.000797	0.00603	0.0117	0.0868
2028 Apr	16000	34.2	38.4	1.13	9950	0.0629	961	0.0526	0.00365	0.000146	0.0103	0.0599	0.465	0.112	0.000125	487	0.00016	0.000592	0.00304	0.00221	0.0325	0.0000126	139	42.5	0.131	0.0287	4500	0.0284	0.0798	0.0000889	0.00766	0.00216	12.4	0.0000252	0.000797	0.00603	0.0117	0.0868
2028 May	16300	34.3	38.4	1.13	9960	0.0631	963	0.0526	0.00365	0.000146	0.0104	0.0621	0.466	0.113	0.000125	487	0.00016	0.000594	0.00305	0.00222	0.0326	0.0000126	139	42.5	0.132	0.0287	4500	0.0285	0.0799	0.0000895	0.00767	0.00217	12.4	0.0000253	0.000799	0.00604	0.0117	0.0869
2028 Jun	16000	30.1	34.3	0.987	9800	0.0759	964	0.045	0.00331	0.000142	0.0114	0.0606	0.466	0.107	0.0000965	481	0.000164	0.000585	0.003	0.00256	0.0386	0.000016	137	43.2	0.141	0.026	4430	0.0312	0.102	0.000103	0.00759	0.00197	12.2	0.0000227	0.000804	0.00557	0.012	0.0858
2028 Jul	40200	73	82.8	2.3	26600	0.052	2430	0.104	0.00719	0.000383	0.0193	0.12	1.01	0.266	0.000165	1310	0.000394	0.000997	0.0077	0.0031	0.0642	0.0000142	378	106	0.266	0.0627	12100	0.0457	0.277	0.000186	0.0194	0.00415	33.5	0.0000522	0.00108	0.0122	0.0304	0.242
2028 Aug	43500	78.4	89	2.47	28900	0.0464	2630	0.111	0.00762	0.000415	0.02	0.128	1.07	0.284	0.00016	1430	0.000425	0.00106	0.00832	0.00314	0.0666	0.0000137	412	115	0.284	0.0673	13200	0.0475	0.295	0.000194	0.021	0.00442	36.4	0.0000545	0.00113	0.0128	0.0329	0.264
2028 Sep	44000	78.5	89	2.46	29300	0.0449	2660	0.11	0.00753	0.000419	0.0196	0.128	1.08	0.283	0.000136	1450	0.00043	0.00115	0.0084	0.00321	0.0656	0.0000136	417	117	0.294	0.0673	13400	0.0483	0.285	0.000191	0.0212	0.00443	36.9	0.0000522	0.0012	0.0124	0.0333	0.267
2028 Oct	43000	76	86.1	2.38	28600	0.0454	2600	0.106	0.00725	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.000421	0.00119	0.0082	0.0032	0.0637	0.0000136	408	115	0.292	0.0652	13100	0.0478	0.246	0.000185	0.0207	0.0043	36.1	0.0000495	0.00122	0.0119	0.0325	0.261
2028 Nov	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2028 Dec	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000184	0.0206	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2029 Jan	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0118	0.0325	0.261
2029 Feb	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0118	0.0325	0.261
2029 Mar	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0636	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0118	0.0325	0.261
2029 Apr	43000	75.9	86	2.37	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0637	0.0000136	408	115	0.292	0.0651	13100	0.0478	0.246	0.000185	0.0206	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2029 May	43000	76	86.1	2.38	28600	0.0455	2600	0.106	0.00724	0.000408	0.019	0.124	1.05	0.274	0.000118	1410	0.00042	0.00119	0.00819	0.0032	0.0637	0.0000136	408	115	0.292	0.0652	13100	0.0478	0.246	0.000185	0.0207	0.00429	36	0.0000494	0.00122	0.0119	0.0325	0.261
2029 Jun	42500	74.7	84.7	2.33	28300	0.0459	2580	0.104	0.00712	0.000403	0.0188	0.122	1.04	0.271	0.000116	1400	0.000416	0.00119	0.0081	0.00319	0.0634	0.0000136	403	114	0.291	0.0642	12900	0.0475	0.244	0.000184	0.0204	0.00423	35.6	0.0000489	0.00121	0.0117	0.0322	0.259
2029 Jul	41600	68.5	77.9	2.11	27700	0.0471	2520	0.0909	0.00635	0.000391	0.0183	0.109	1.01	0.262	0.0001	1370	0.0000404	0.00116	0.00787	0.00317	0.0619	0.0000136	395	112	0.289	0.0604	12700	0.0466	0.211	0.0000179	0.0198	0.00387	34.9	0.0000475	0.00114	0.0112	0.0314	0.254
2029 Aug	41900	68	77.4	2.09	27900	0.0474	2540	0.0889	0.00624	0.000393	0.0183	0.108	1.02	0.264	0.0000971	1380	0.0000407	0.00115	0.00792	0.00319	0.0619	0.0000136	398	113	0.291	0.0604	12800	0.0469	0.201	0.00018	0.0199	0.00383	35.2	0.0000475	0.00112	0.0112	0.0316	0.257
2029 Sep	41900	67.7	77.1	2.08	28000	0.048	2540	0.0879	0.00618	0.000393	0.0183	0.107	1.02	0.264	0.0000962	1380	0.0000407	0.00116	0.00792	0.0032	0.0619	0.0000137	399	114	0.292	0.0603	12800	0.047	0.199	0.00018	0.0199	0.00381	35.2	0.0000476	0.00112	0.0112	0.0316	0.257
2029 Oct	41900	67.1	76.5	2.06	27900	0.0483	2540	0.0869	0.00612	0.000392	0.0182	0.106	1.02	0.263	0.0000952	1380	0.0000406	0.00116	0.00791	0.00321	0.0618	0.0000137	398	114	0.293	0.06	12800	0.0471	0.198	0.0000179	0.0199	0.00379	35.2	0.0000475	0.00112	0.0112	0.0315	0.257
2029 Nov	41700	66.3	75.6	2.03	27800	0.0486	2530	0.0859	0.00605	0.000391	0.0182	0.105	1.01	0.262	0.0000941	1380	0.0000405	0.00116	0.00787	0.00321	0.0616	0.0000137	397	113	0.293	0.0595	12700	0.047	0.197	0.0000179	0.0198	0.00376	35	0.0000474	0.00111	0.0111	0.0314	0.256
2029 Dec	41800	65.9	75.1	2.01	27900	0.0484	2540	0.0854	0.00602	0.000391	0.0182	0.105	1.01	0.262	0.0000934	1380	0.0000405	0.00116	0.00788	0.00321	0.0616	0.0000136	398	113	0.294	0.0593	12700	0.047	0.197	0.0000179	0.0198	0.00375	35.1	0.0000475	0.00111	0.0111	0.0314	0.256
2030 Jan	41800	65.4	74.6	2	27900	0.0483	2540	0.085	0.00598	0.000391	0.0182	0.104	1.01	0.263	0.0000928	1380	0.0000405	0.00116	0.00788	0.00321	0.0616	0.0000136	398	114	0.295	0.0591	12800	0.047	0.198	0.0000179	0.0198	0.00374	35.2	0.0000476	0.00111	0.0111	0.0315	0.257
2030 Feb	41900	65	74.1	1.98	28000	0.0482	2540	0.0845	0.00595	0.000391	0.0182	0.104	1.01	0.263	0.0000923	1380	0.0000405	0.00116	0.00789	0.00321	0.0616	0.0000136	399	114	0.295	0.059	12800	0.047	0.199	0.0000179	0.0198	0.00374	35.2	0.0000477	0.00111	0.0111	0.0315	0.257
2030 Mar	41900	64.7	73.7	1.97	28000	0.048	2550	0.0841	0.00592	0.000392	0.0181	0.104	1.01	0.263	0.0000918	1380	0.0000405	0.00116	0.00789	0.00321	0.0616	0.0000135	399	114	0.296	0.0589	12800	0.047	0.2	0.0000179	0.0198	0.00374	35.3	0.0000478	0.00111	0.0111	0.0315	0.258
2030 Apr	42000	64.3	73.3	1.96	28100	0.0479	2550	0.0836	0.00588	0.000392	0.0181	0.103	1.02	0.263	0.0000913	1390	0.0000406	0.00116	0.0079	0.0032	0.0616	0.0000135	400	114	0.297	0.0588	12800	0.047	0.201	0.0000179	0.0198	0.00373	35.3	0.0000479	0.0011	0.0111	0.0315	0.258
2030 May	42100	64	72.9	1.95	28100	0.0478	2550	0.0833	0.00586	0.000392	0.0181	0.103	1.02	0.264	0.0000908	1390	0.0000406	0.00116	0.00791

Appendix D.2-19: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	37.1	0.0329	0.00991	0.000257	9.42	0.00515	3.22	0.000147	0.000147
Operation (2026-2036): Mean	32800	42.9	50.4	1.35	21500	0.0737	2010	0.0517	0.00405
Operation (2026-2036): Max	44000	78.5	89	2.47	29300	0.242	2660	0.111	0.00762
2032 Nov	39900	48.3	57.5	1.51	26600	0.0606	2440	0.0533	0.00437
2032 Dec	40000	48	57.1	1.49	26700	0.0604	2450	0.0534	0.00436
2033 Jan	40100	47.8	56.9	1.49	26800	0.06	2450	0.0535	0.00435
2033 Feb	40200	47.6	56.7	1.48	26800	0.0596	2460	0.0536	0.00434
2033 Mar	40200	47.4	56.4	1.47	26900	0.0593	2460	0.0536	0.00434
2033 Apr	40400	47.3	56.2	1.46	27000	0.059	2470	0.0537	0.00433
2033 May	40300	46.9	55.8	1.45	26900	0.0589	2460	0.0535	0.00431
2033 Jun	39400	45.8	54.4	1.42	26300	0.0607	2410	0.0517	0.00421
2033 Jul	39600	46.1	54.8	1.44	26400	0.0609	2420	0.0505	0.00421
2033 Aug	39900	46.5	55.5	1.47	26600	0.0607	2440	0.0495	0.00423
2033 Sep	39800	46.3	55.4	1.46	26600	0.0619	2440	0.0488	0.0042
2033 Oct	39300	45.4	54.6	1.44	26200	0.0639	2410	0.0479	0.00413
2033 Nov	39300	45.2	54.4	1.43	26200	0.0637	2410	0.048	0.00412
2033 Dec	39400	45.1	54.2	1.42	26300	0.0633	2420	0.0482	0.00412
2034 Jan	39600	44.9	54	1.41	26400	0.0629	2420	0.0484	0.00412
2034 Feb	39700	44.8	53.7	1.41	26500	0.0625	2430	0.0486	0.00412
2034 Mar	39800	44.6	53.5	1.4	26600	0.0621	2430	0.0488	0.00412
2034 Apr	39900	44.4	53.3	1.39	26600	0.0618	2440	0.049	0.00412
2034 May	39900	44.2	53	1.38	26700	0.0615	2440	0.0492	0.00411
2034 Jun	39300	43.4	52	1.36	26300	0.062	2410	0.0479	0.00405
2034 Jul	39300	43.6	52.3	1.38	26300	0.0626	2410	0.0468	0.00405
2034 Aug	39700	44.1	53.2	1.41	26500	0.0624	2430	0.0461	0.00407
2034 Sep	39600	43.9	53.1	1.41	26400	0.0634	2430	0.0455	0.00405
2034 Oct	39200	43.4	52.7	1.39	26200	0.0649	2410	0.045	0.00401
2034 Nov	39300	43.2	52.5	1.38	26200	0.0646	2410	0.0452	0.00401
2034 Dec	39400	43.1	52.3	1.37	26300	0.0642	2420	0.0454	0.00401
2035 Jan	39500	42.9	52.1	1.37	26400	0.0639	2420	0.0457	0.00401
2035 Feb	39600	42.8	51.9	1.36	26400	0.0636	2430	0.0459	0.00402
2035 Mar	39700	42.6	51.7	1.35	26500	0.0632	2430	0.0461	0.00402
2035 Apr	39800	42.5	51.5	1.35	26600	0.0629	2440	0.0463	0.00402
2035 May	39900	42.4	51.4	1.34	26700	0.0627	2450	0.0466	0.00402
2035 Jun	39100	41.5	50.2	1.31	26100	0.0625	2400	0.0453	0.00395
2035 Jul	39100	41.7	50.4	1.33	26100	0.0621	2400	0.0444	0.00395
2035 Aug	39300	42.1	50.9	1.35	26300	0.0618	2410	0.0438	0.00397
2035 Sep	39200	41.8	50.8	1.35	26100	0.0624	2410	0.0433	0.00395
2035 Oct	39100	41.7	50.8	1.34	26100	0.0627	2410	0.0432	0.00394
2035 Nov	39100	41.4	50.5	1.33	26100	0.0627	2400	0.0433	0.00393
2035 Dec	39200	41.3	50.4	1.33	26100	0.0624	2410	0.0435	0.00393
2036 Jan	39300	41.2	50.2	1.32	26200	0.0622	2410	0.0437	0.00393
2036 Feb	39300	41.1	50	1.32	26300	0.062	2410	0.0439	0.00393
2036 Mar	39400	40.9	49.9	1.31	26300	0.0617	2420	0.0441	0.00394
2036 Apr	39500	40.8	49.7	1.3	26400	0.0615	2420	0.0443	0.00394
2036 May	39600	40.7	49.5	1.3	26400	0.0614	2430	0.0445	0.00394
2036 Jun	39000	40	48.7	1.28	26000	0.0639	2390	0.0436	0.00389
2036 Jul	38292	39.4	48.1	1.27	25500	0.0674	2360	0.0421	0.00382
2036 Aug	38300	39.6	48.5	1.28	25600	0.0685	2360	0.0415	0.00382
2036 Sep	38200	39.4	48.4	1.28	25500	0.0714	2360	0.0411	0.00381
2036 Oct	38000	39	48.2	1.27	25300	0.0754	2350	0.0407	0.00378
2036 Nov	38100	39	48.1	1.27	25400	0.075	2360	0.0408	0.00378
2036 Dec	38200	38.9	48.1	1.27	25500	0.0743	2360	0.0408	0.00379
2037 Jan	38200	38.9	48	1.27	25500	0.0739	2360	0.0409	0.00379
2037 Feb	38200	38.9	48	1.27	25500	0.0739	2360	0.0408	0.00379
2037 Mar	38200	38.9	48	1.27	25500	0.0739	2360	0.0409	0.00379
2037 Apr	38200	38.9	48	1.27	25500	0.0739	2360	0.0409	0.00379
2037 May	38000	38.7	47.7	1.26	25300	0.0741	2350	0.0406	0.00377
2037 Jun	36900	37.4	46.2	1.22	24500	0.0761	2280	0.0393	0.00366
2037 Jul	36800	37.3	46.1	1.21	24400	0.0772	2280	0.0392	0.00365
2037 Aug	36700	37.2	45.9	1.21	24400	0.0786	2270	0.039	0.00364
2037 Sep	36500	36.8	45.5	1.2	24100	0.0808	2260	0.0387	0.00361
2037 Oct	34800	34.9	43.1	1.14	22900	0.0867	2160	0.0366	0.00344
2037 Nov	33700	33.7	41.6	1.1	22100	0.0881	2090	0.0354	0.00334
2037 Dec	33500	33.5	41.4	1.09	21900	0.0879	2070	0.0352	0.00333
2038 Jan	33400	33.4	41.3	1.09	21900	0.0877	2070	0.0351	0.00332
2038 Feb	33300	33.3	41.2	1.09	21800	0.0876	2060	0.035	0.00332
2038 Mar	33300	33.3	41.2	1.09	21800	0.0876	2060	0.035	0.00331
2038 Apr	33300	33.3	41.2	1.09	21800	0.0876	2060	0.035	0.00331
2038 May	29500	29.1	36.1	0.951	19100	0.0894	1820	0.0307	0.00299
2038 Jun	4610	3.76	4.74	0.126	2480	0.0583	288	0.00468	0.00115
2038 Jul	1610	1.27	1.61	0.0432	842	0.0383	102	0.00224	0.00105
2038 Aug	1040	0.782	0.991	0.027	520	0.0351	66.3	0.00175	0.00103
2038 Sep	802	0.568	0.725	0.02	380	0.0339	51.6	0.00154	0.00101
2038 Oct	728	0.497	0.636	0.0177	333	0.0337	47	0.00147	0.00101
2038 Nov	729	0.497	0.636	0.0177	333	0.0337	47.1	0.00147	0.00101
2038 Dec	729	0.497	0.636	0.0177	333	0.0337	47.1	0.00147	0.00101
2039 Jan	729	0.497	0.636	0.0177	333	0.0337	47.1	0.00147	0.00101
2039 Feb	729	0.497	0.636	0.0177	333	0.0337	47.1	0.00147	0.00101
2039 Mar	729	0.497	0.636	0.0177	333	0.0337	47.1	0.00147	0.00101
2039 Apr	729	0.497	0.636	0.0177	333	0.0337	47.1	0.00147	0.00101
2039 May	731	0.497	0.637	0.0177	334	0.0338	47.2	0.00147	0.00101
2039 Jun	712	0.44	0.571	0.016	296	0.0347	46.1	0.0014	0.000998
2039 Jul	657	0.36	0.476	0.0135	244	0.0354	42.6	0.00131	0.000987
2039 Aug	587	0.308	0.409	0.0117	209	0.0348	38.3	0.00126	0.000987
2039 Sep	527	0.27	0.36	0.0104	185	0.0341	34.6	0.00123	0.000988
2039 Oct	504	0.254	0.339	0.00986	174	0.0338	33.2	0.00121	0.000988
2039 Nov	505	0.254	0.339	0.00986	174	0.0338	33.2	0.00121	0.000988
2039 Dec	505	0.254	0.339	0.00986	174	0.0338	33.2	0.00121	0.000988
2040 Jan	505	0.254	0.339	0.00986	174	0.0338	33.2	0.00121	0.000988
2040 Feb	505	0.254	0.339	0.00986	174	0.0338	33.2	0.00121	0.000988
2040 Mar	505	0.254	0.339	0.00986	174	0.0338	33.2	0.00121	0.000988
2040 Apr	505	0.254	0.339	0.00986	174	0.0338	33.2	0.00122	0.000988

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.00000129	0.00152	0.00072	0.00178	0.0105	0.00000129	14.8	0.00000515	0.00018	0.000309	0.000489	0.0243	0.00000257	0.859	2.08	0.0527
Operation (2026-2036): Mean	0.000301	0.0157	0.104	0.825	0.203	0.0000663	1070	0.000323	0.00109	0.0062	0.0034	0.0567	0.0000163	307	92	0.266
Operation (2026-2036): Max	0.000419	0.02	1.82	1.08	0.284	0.000165	1450	0.00043	0.00178	0.0084	0.00609	0.116	0.000041	417	117	0.317
2032 Nov	0.000372	0.0174	0.0816	0.965	0.246	0.000067	1320	0.00039	0.0013	0.00756	0.00341	0.0597	0.0000142	382	112	0.306
2032 Dec	0.000373	0.0174	0.0818	0.966	0.247	0.0000668	1320	0.00039	0.0013	0.00756	0.00341	0.0598	0.0000141	382	112	0.307
2033 Jan	0.000373	0.0174	0.0821	0.968	0.247	0.0000667	1330	0.00039	0.00131	0.00758	0.00341	0.0598	0.0000141	383	113	0.309
2033 Feb	0.000374	0.0174	0.0824	0.97	0.248	0.0000666	1330	0.000391	0.00132	0.00759	0.00341	0.0598	0.000014	384	113	0.31
2033 Mar	0.000375	0.0175	0.0827	0.971	0.248	0.0000665	1330	0.000392	0.00132	0.0076	0.00341	0.0599	0.000014	385	113	0.311
2033 Apr	0.000375	0.0175	0.083	0.973	0.249	0.0000664	1340	0.000392	0.00132	0.00762	0.00341	0.0599	0.0000139	386	113	0.312
2033 May	0.000374	0.0174	0.0831	0.971	0.249	0.000066	1330	0.000391	0.00132	0.0076	0.0034	0.0602	0.0000139	385	113	0.313
2033 Jun	0.000367	0.0172	0.0811	0.954	0.244	0.0000645	1310	0.000384	0.00129	0.00745	0.00339	0.0601	0.000014	377	111	0.309
2033 Jul	0.00037	0.0173	0.0803	0.957	0.244	0.0000644	1310	0.000387	0.00128	0.00751	0.00341	0.0603	0.0000141	379	111	0.309
2033 Aug	0.000374	0.0174	0.0799	0.963	0.246	0.0000646	1320	0.000391	0.00129	0.00759	0.00343	0.0607	0.0000141	382	112	0.309
2033 Sep	0.000373	0.0174	0.0793	0.961	0.245	0.0000642	1320	0.00039	0.0013	0.00758	0.00344	0.0605	0.0000142	381	112	0.308
2033 Oct	0.000368	0.0173	0.0782	0.952	0.242	0.0000632	1300	0.000385	0.00131	0.00748	0.00344	0.06	0.0000144	376	111	0.306
2033 Nov	0.000368	0.0173	0.0785	0.953	0.242	0.0000631	1300	0.000385	0.00131	0.00748	0.00344	0.06	0.0000143	376	111	0.307
2033 Dec	0.000369	0.0173	0.0789	0.955	0.243	0.000063	1310	0.000386	0.00132	0.00749	0.00344	0.06	0.0000143	378	112	0.309
2034 Jan	0.000369	0.0173	0.0793	0.957	0.244	0.000063	1310	0.000387	0.00132	0.00751	0.00344	0.0601	0.0000142	379	112	0.31
2034 Feb	0.00037	0.0173	0.0798	0.959	0.244	0.000063	1310	0.000388	0.00133	0.00752	0.00344	0.0601	0.0000142	380	112	0.311
2034 Mar	0.000371	0.0173	0.0802	0.961	0.245	0.000063	1320	0.000388	0.00133	0.00754	0.00344	0.0602	0.0000141	381	112	0.312
2034 Apr	0.000372	0.0174	0.0807	0.963	0.246	0.000063	1320	0.000389	0.00134	0.00755	0.00344	0.0602	0.0000141	382	113	0.314
2034 May	0.000372	0.0174	0.0812	0.964	0.246	0.0000629	1320	0.000389	0.00134	0.00756	0.00344	0.0604	0.000014	383	113	0.315
2034 Jun	0.000366	0.0172	0.0798	0.951	0.243	0.0000618	1300	0.000384	0.00131	0.00746	0.00343	0.0608	0.000014	377	111	0.312
2034 Jul	0.000368	0.0173	0.0789	0.951	0.243	0.0000617	1300	0.000386	0.0013	0.00749	0.00344	0.0609	0.0000141	377	111	0.311
2034 Aug	0.000372	0.0174	0.0788	0.958	0.244	0.0000621	1320	0.00039	0.00132	0.00757	0.00346	0.0613	0.0000142	380	112	0.311
2034 Sep	0.000371	0.0174	0.0783	0.956	0.244	0.0000618	1310	0.000389	0.00133	0.00756	0.00347	0.0611	0.0000143	379	112	0.31
2034 Oct	0.000368	0.0173	0.0777	0.95	0.241	0.0000611	1300	0.000386	0.00135	0.00749	0.00347	0.0607	0.0000144	376	112	0.309
2034 Nov	0.000368	0.0173	0.078	0.952	0.242	0.0000611	1300	0.000386	0.00135	0.0075	0.00347	0.0607	0.0000143	377	112	0.31
2034 Dec	0.000369	0.0173	0.0785	0.954	0.243	0.0000611	1310	0.000387	0.00136	0.00751	0.00347	0.0608	0.0000143	378	112	0.311
2035 Jan	0.00037	0.0173	0.0789	0.956	0.243	0.0000611	1310	0.000387	0.00136	0.00752	0.00347	0.0608	0.0000143	379	113	0.313
2035 Feb	0.00037	0.0173	0.0794	0.957	0.244	0.0000612	1310	0.000388	0.00137	0.00753	0.00347	0.0608	0.0000142	380	113	0.314
2035 Mar	0.000371	0.0173	0.0798	0.959	0.245	0.0000612	1320	0.000389	0.00137	0.00755	0.00347	0.0608	0.0000142	381	113	0.315
2035 Apr	0.000371	0.0174	0.0802	0.961	0.245	0.0000612	1320	0.000389	0.00138	0.00756	0.00347	0.0609	0.0000141	381	113	0.316
2035 May	0.000372	0.0174	0.0808	0.963	0.246	0.0000613	1320	0.00039	0.00138	0.00758	0.00348	0.061	0.0000141	383	113	0.317
2035 Jun	0.000365	0.0172	0.0791	0.945	0.241	0.00006	1300	0.000383	0.00135	0.00743	0.00345	0.0607	0.0000141	375	111	0.311
2035 Jul	0.000367	0.0172	0.0785	0.945	0.241	0.00006	1300	0.000384	0.00133	0.00746	0.00345	0.0608	0.0000142	375	111	0.31
2035 Aug	0.000369	0.0173	0.0782	0.949	0.242	0.0000602	1300	0.000387	0.00133	0.00752	0.00346	0.061	0.0000143	377	112	0.309
2035 Sep	0.000368	0.0173	0.0776	0.946	0.241	0.0000599	1300	0.000386	0.00134	0.00749	0.00347	0.0608	0.0000144	375	112	0.307
2035 Oct	0.000367	0.0172	0.0776	0.945	0.241	0.0000598	1300	0.000385	0.00136	0.00748	0.00348	0.0607	0.0000144	375	112	0.307
2035 Nov	0.000367	0.0172	0.0778	0.944	0.24	0.0000597	1300	0.000385	0.00136	0.00747	0.00348	0.0606	0.0000144	375	112	0.308
2035 Dec	0.000367	0.0172	0.0781	0.946	0.241	0.0000597	1300	0.000385	0.00136	0.00748	0.00348	0.0606	0.0000144	375	112	0.308
2036 Jan	0.000368	0.0172	0.0785	0.947	0.241	0.0000597	1300	0.000386	0.00137	0.00749	0.00348	0.0606	0.0000143	376	112	0.309
2036 Feb	0.000368	0.0173	0.0789	0.949	0.242	0.0000597	1310	0.000386	0.00137	0.0075	0.00348	0.0607	0.0000143	377	112	0.31
2036 Mar	0.000369	0.0173	0.0793	0.95	0.242	0.0000598	1310	0.000387	0.00138	0.00751	0.00348	0.0607	0.0000143	378	112	0.311
2036 Apr	0.000369	0.0173	0.0797	0.952	0.243	0.0000598	1310	0.000387	0.00138	0.00752	0.00348	0.0607	0.0000142	378	113	0.312
2036 May	0.00037	0.0173	0.0802	0.954	0.244	0.0000599	1310	0.000388	0.00139	0.00754	0.00348	0.0608	0.0000142	379	113	0.313
2036 Jun	0.000364	0.0172	0.079	0.944	0.24	0.0000591	1290	0.000383	0.00144	0.00743	0.00346	0.0603	0.0000145	374	112	0.31
2036 Jul	0.000359	0.0171	0.0772	0.935	0.237	0.0000582	1270	0.000379	0.00153	0.00732	0.00344	0.0596	0.000015	367	110	0.306
2036 Aug	0.00036	0.0172	0.0768	0.938	0.237	0.0000583	1270	0.00038	0.00158	0.00735	0.00345	0.0597	0.0000152	368	111	0.306
2036 Sep	0.000359	0.0173	0.0766	0.94	0.237	0.0000582	1270	0.00038	0.00166	0.00733	0.00346	0.0597	0.0000156	367	111	0.306
2036 Oct	0.000356	0.0173	0.0761	0.941	0.236	0.0000579	1260	0.000379	0.00178	0.00729	0.00348	0.0595	0.0000161	365	111	0.307
2036 Nov	0.000357	0.0173	0.0763	0.942	0.236	0.0000579	1270	0.00038	0.00178	0.0073	0.00348	0.0595	0.000016	366	112	0.307
2036 Dec	0.000358	0.0174	0.0766	0.944	0.237	0.000058	1270	0.00038	0.00178	0.00732	0.00348	0.0596	0.000016	367	112	0.308
2037 Jan	0.000359	0.0174	0.0767	0.944	0.237	0.000058	1270	0.000381	0.00177	0.00733	0.00348	0.0596	0.0000159	367	112	0.308
2037 Feb	0.000359	0.0174	0.0767	0.944	0.237	0.000058	1270	0.000381	0.00177	0.00733	0.00348	0.0596	0.0000159	367	112	0.308
2037 Mar	0.000359	0.0174	0.0767	0.944	0.237	0.000058	1270	0.000381	0.00177	0.00733	0.00348	0.0596	0.0000159	367	112	0.308
2037 Apr	0.000359	0.0174	0.0767	0.944	0.237	0.000058	1270	0.000381	0.00177	0.00733	0.00348	0.0596	0.0000159	367	112	0.308
2037 May	0.000356	0.0173	0.0763	0.939	0.236	0.0000577	1260	0.000379	0.00177	0.00729	0.00347	0.0598	0.000016	365	111	0.307
2037 Jun	0.000345	0.017	0.0739	0.916	0.229	0.000056	1220	0.000368	0.00172	0.00708	0.00348	0.0596	0.0000162	353	108	0.302
2037 Jul	0.000344	0.017	0.0737	0.915	0.228	0.0000558	1220	0.000367	0.00172	0.00706	0.0035	0.0595	0.0000164	352	108	0.302
2037 Aug	0.000343	0.017	0.0735	0.915	0.227	0.0000557	1220	0.000367	0.00172	0.00704	0.00353	0.0595	0.0000167	351	108	0.302
2037 Sep	0.00034	0.017	0.0728	0.911	0.225	0.0000552	1200	0.000364	0.00171	0.00698	0.00357	0.0591	0.000017	348	107	0.302
2037 Oct	0.000322	0.0166	0.0693	0.88	0.214	0.0000526	1140	0.000348	0.00165	0.00665	0.00364	0.0576	0.0000178	330	102	0.294
2037 Nov	0.000311	0.0164	0.0669	0.855	0.207	0.0000509	1100	0.000338	0.0016	0.00643	0.00362	0.057	0.000018	318	99	0.286
2037 Dec	0.000309	0.0163	0.0665	0.849	0.206	0.0000506	1100	0.000336	0.00159	0.00639	0.0036	0.057	0.000018	316	98.4	0.285
2038 Jan	0.000308	0.0163	0.0663	0.847	0.205	0.0000505	1090	0.000335	0.00159	0.00637	0.0036	0.0571	0.0000179	315	98.2	0.284
2038 Feb	0.000308	0.0163	0.0662	0.846	0.205	0.0000505	1090	0.000334	0.00159	0.00637	0.00359	0.0573	0.0000179	315	98	0.284
2038 Mar	0.000308	0.0163	0.0662	0.845	0.205	0.0000504	1090	0.000334	0.00159	0.00636	0.00359	0.0574	0.0000179	315	98	0.284
2038 Apr	0.000308	0.0163	0.0662	0.845	0.205	0.0000504	1090	0.000334	0.00159	0.00636	0.00359	0.0576	0.0000179	315	98	0.284
2038 May	0.00027	0.0153	0.0583	0.759	0.184	0.0000448	960	0.000298	0.00145	0.00566	0.00353	0.0613	0.0000184	276	87.2	0.267
2038 Jun	0.0000391	0.00567	0.0085	0.148	0.035	0.0000101	137	0.0000537	0.000379	0.000951	0.00183	0.0362	0.00000897	36.7	15.3	0.0752
2038 Jul	0.0000165	0.00367	0.00305	0.0545	0.0165	0.00000676	50.5	0.0000219	0.000197	0.000365	0.00118	0.0219	0.00000375	12.9	5.96	0.0283
2038 Aug	0.0000121	0.00337	0.00199	0.0376	0.013	0.0000061	33.7	0.0000159	0.000147	0.000259	0.00105	0.0185	0.0000028	8.28	4.21	0.0196
2038 Sep	0.0000101	0.00328	0.00153	0.031	0.0115	0.0000058	26.5	0.0000133	0.000113	0.000219	0.00099	0.0165	0.00000241	6.27	3.5	0.0161
2038 Oct	0.00000949	0.00325	0.00138	0.0291	0.011	0.0000057	24.1	0.0000125	0.000102	0.000206	0.000978	0.0159	0.00000232	5.6	3.28	0.015
2038 Nov	0.00000949	0.00326	0.00138	0.0292	0.011	0.0000057	24.2	0.0000126	0.000102	0.000206	0.00098	0.0159	0.00000233	5.6	3.29	0.0151
2038 Dec	0.00000949	0.00326	0.00138	0.0292	0.011	0.0000057	24.2	0.0000126	0.000102	0.000206	0.00098	0.0159	0.00000233	5.6	3.29	0.0151
2039 Jan	0.00000949	0.00326	0.00138	0.0292	0.011	0.0000057	24.2	0.0000126	0.000102	0.000206	0.00098	0.0159	0.00000233	5.6	3.29	0.0151
2039 Feb	0.00000949	0.00326	0.00138	0.0292	0.011	0.0000057	24.2	0.0000126	0.000102	0.000206	0.00098	0.0159	0.00000233	5.6	3.29	0.0151
2039 Mar	0.00000949	0.00326	0.00138	0.0292	0.011	0.0000057	24.2	0.0000126	0.000102	0.000206	0.00098	0.0159	0.00000233	5.6	3.29	0.0151
2039 Apr	0.00000949	0.00326	0.00138	0.0292	0.011	0.0000057	24.2	0.0000126	0.000102	0.000206	0.00098	0.0159	0.00000233	5.61	3.29	0.0151
2039 May	0.0000095	0.00326	0.00138	0.0293	0.0111	0.0000057	24.2	0.0000126	0.000102	0.000206	0.000982	0.016	0.00000234	5.61	3.29	0.0151
2039 Jun	0.00000896	0.00333	0.0013	0.0301	0.0106	0.00000561	22.4	0.0000127	0.000108	0.000196	0.001	0.0163	0.00000267	5.08	3.24	0.0157
2039 Jul	0.00000823	0.0033	0.00117	0.0295	0.01	0.00000549	19.8	0.0000122	0.000112	0.000179	0.00102	0.0163	0.00000283	4.33	3.07	0.0154
2039 Aug	0.00000776	0.00326	0.00105	0.0272	0.00968	0.00000543	18	0.0000114	0.000106	0.000167	0.000999	0.0159	0.00000268	3.82	2.85	0.0142
2039 Sep	0.00000743	0.00322	0.000952	0.025	0.00943	0.00000538	16.7	0.0000107	0.000095	0.000159	0.000972	0.0154	0.00000247	3.47	2.67	0.0131
2039 Oct	0.00000728	0.00321	0.000912	0.0241	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0151	0.00000239	3.32	2.61	0.0126
2039 Nov	0.00000728	0.00321	0.000912	0.0242	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0151	0.0000024	3.32	2.61	0.0126
2039 Dec	0.00000728	0.00321	0.000912	0.0242	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0151	0.0000024	3.32	2.61	0.0126
2040 Jan	0.00000728	0.00321	0.000912	0.0242	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0151	0.0000024	3.32	2.61	0.0126
2040 Feb	0.00000728	0.00321	0.000912	0.0242	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0152	0.0000024	3.32	2.61	0.0126
2040 Mar	0.00000728	0.00321	0.000912	0.0242	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0152	0.0000024	3.32	2.61	0.0126
2040 Apr	0.00000728	0.00321	0.000912	0.0242	0.00933	0.00000536	16.1	0.0000104	0.0000905	0.000156	0.000964	0.0152	0.0000024	3.32	2.61	0.0126

Constituents	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.0000759	3.23	0.000669	0.00894	0.0000311	0.0000592	0.0000334	0.08	0.000000515	0.0000257	0.00054	0.000399	0.0858
Operation (2026-2036): Mean	0.0484	9830	0.0452	0.145	0.000172	0.0155	0.00301	27	0.0000393	0.00104	0.00882	0.0248	0.242
Operation (2026-2036): Max	0.0673	13400	0.067	0.295	0.000593	0.0212	0.00443	36.9	0.0000545	0.0016	0.0128	0.0333	0.267
2032 Nov	0.0581	12200	0.0478	0.162	0.000178	0.0189	0.00338	33.5	0.0000494	0.001	0.0104	0.0304	0.248
2032 Dec	0.058	12200	0.0478	0.163	0.000179	0.0189	0.00339	33.6	0.0000495	0.00101	0.0104	0.0304	0.248
2033 Jan	0.058	12200	0.0478	0.165	0.000179	0.0189	0.0034	33.7	0.0000496	0.00102	0.0104	0.0304	0.249
2033 Feb	0.0581	12300	0.0478	0.167	0.000179	0.019	0.00342	33.8	0.0000497	0.00102	0.0104	0.0305	0.25
2033 Mar	0.0582	12300	0.0479	0.169	0.000179	0.019	0.00343	33.9	0.0000498	0.00103	0.0105	0.0305	0.25
2033 Apr	0.0583	12300	0.0479	0.17	0.00018	0.019	0.00345	34	0.0000499	0.00103	0.0105	0.0306	0.251
2033 May	0.058	12300	0.0478	0.171	0.000183	0.019	0.00345	33.9	0.0000498	0.00103	0.0104	0.0305	0.25
2033 Jun	0.0572	12100	0.0473	0.166	0.000187	0.0186	0.00338	33.2	0.0000496	0.00102	0.0102	0.0299	0.245
2033 Jul	0.0584	12100	0.0475	0.16	0.000187	0.0187	0.00339	33.3	0.0000498	0.001	0.0103	0.0302	0.246
2033 Aug	0.0597	12200	0.0479	0.155	0.000188	0.0189	0.00341	33.6	0.0000499	0.000983	0.0104	0.0305	0.248
2033 Sep	0.0598	12200	0.048	0.151	0.000187	0.0189	0.0034	33.5	0.00005	0.000978	0.0104	0.0304	0.247
2033 Oct	0.0591	12000	0.0478	0.147	0.000184	0.0187	0.00337	33	0.0000499	0.000975	0.0103	0.03	0.244
2033 Nov	0.059	12000	0.0478	0.149	0.000184	0.0187	0.00338	33.1	0.00005	0.000981	0.0103	0.03	0.244
2033 Dec	0.0591	12100	0.0478	0.151	0.000185	0.0187	0.0034	33.2	0.0000501	0.000989	0.0103	0.0301	0.245
2034 Jan	0.0592	12100	0.0478	0.153	0.000185	0.0187	0.00342	33.3	0.0000502	0.000996	0.0103	0.0302	0.246
2034 Feb	0.0593	12100	0.0479	0.155	0.000185	0.0188	0.00344	33.4	0.0000503	0.001	0.0103	0.0302	0.247
2034 Mar	0.0594	12200	0.0479	0.157	0.000185	0.0188	0.00345	33.5	0.0000504	0.00101	0.0103	0.0303	0.247
2034 Apr	0.0595	12200	0.0479	0.159	0.000186	0.0188	0.00347	33.6	0.0000504	0.00101	0.0103	0.0303	0.248
2034 May	0.0596	12200	0.048	0.16	0.000187	0.0188	0.00349	33.6	0.0000505	0.00102	0.0104	0.0304	0.249
2034 Jun	0.059	12000	0.0475	0.156	0.000195	0.0186	0.00344	33.1	0.0000501	0.001	0.0102	0.0299	0.245
2034 Jul	0.0599	12000	0.0476	0.151	0.000195	0.0187	0.00344	33.1	0.0000503	0.000986	0.0103	0.0301	0.245
2034 Aug	0.0612	12100	0.048	0.146	0.000195	0.0189	0.00347	33.4	0.0000504	0.000972	0.0104	0.0304	0.247
2034 Sep	0.0614	12100	0.0481	0.143	0.000194	0.0188	0.00346	33.3	0.0000504	0.000968	0.0103	0.0304	0.246
2034 Oct	0.0609	12000	0.0479	0.141	0.000192	0.0187	0.00344	33	0.0000503	0.000968	0.0103	0.0301	0.244
2034 Nov	0.0609	12000	0.0479	0.142	0.000192	0.0187	0.00346	33.1	0.0000504	0.000975	0.0103	0.0301	0.245
2034 Dec	0.061	12000	0.048	0.144	0.000192	0.0187	0.00348	33.1	0.0000505	0.000982	0.0103	0.0302	0.245
2035 Jan	0.0611	12100	0.048	0.146	0.000192	0.0187	0.00349	33.2	0.0000506	0.000989	0.0103	0.0302	0.246
2035 Feb	0.0612	12100	0.048	0.148	0.000192	0.0188	0.00351	33.3	0.0000506	0.000995	0.0103	0.0303	0.247
2035 Mar	0.0614	12100	0.0481	0.149	0.000192	0.0188	0.00353	33.4	0.0000507	0.001	0.0103	0.0303	0.247
2035 Apr	0.0615	12200	0.0481	0.151	0.000193	0.0188	0.00355	33.5	0.0000508	0.00101	0.0103	0.0304	0.248
2035 May	0.0617	12200	0.0482	0.153	0.000193	0.0189	0.00357	33.6	0.0000509	0.00101	0.0104	0.0304	0.249
2035 Jun	0.0607	12000	0.0476	0.15	0.000194	0.0185	0.00351	32.9	0.0000497	0.000997	0.0102	0.0299	0.244
2035 Jul	0.0615	12000	0.0477	0.145	0.000194	0.0186	0.00351	32.9	0.0000494	0.000979	0.0102	0.03	0.244
2035 Aug	0.0624	12000	0.048	0.141	0.000194	0.0187	0.00352	33.1	0.0000492	0.000965	0.0103	0.0302	0.245
2035 Sep	0.0624	12000	0.048	0.139	0.000192	0.0187	0.00352	32.9	0.0000488	0.00096	0.0103	0.0301	0.244
2035 Oct	0.0624	12000	0.048	0.138	0.000192	0.0186	0.00352	32.9	0.0000486	0.000962	0.0102	0.0301	0.244
2035 Nov	0.0623	12000	0.048	0.139	0.000191	0.0186	0.00353	32.9	0.0000486	0.000967	0.0102	0.03	0.244
2035 Dec	0.0623	12000	0.048	0.14	0.000191	0.0186	0.00354	32.9	0.0000487	0.000973	0.0102	0.03	0.244
2036 Jan	0.0624	12000	0.0481	0.142	0.000192	0.0187	0.00356	33	0.0000487	0.000978	0.0102	0.0301	0.245
2036 Feb	0.0626	12000	0.0481	0.143	0.000192	0.0187	0.00357	33.1	0.0000488	0.000984	0.0103	0.0301	0.245
2036 Mar	0.0627	12000	0.0481	0.144	0.000192	0.0187	0.00359	33.1	0.0000489	0.000989	0.0103	0.0302	0.246
2036 Apr	0.0628	12100	0.0482	0.145	0.000192	0.0187	0.00361	33.2	0.000049	0.000994	0.0103	0.0302	0.246
2036 May	0.063	12100	0.0482	0.147	0.000192	0.0188	0.00363	33.3	0.0000491	0.001	0.0103	0.0303	0.247
2036 Jun	0.0624	11900	0.0479	0.144	0.00019	0.0185	0.00359	32.8	0.0000483	0.00111	0.0102	0.0298	0.243
2036 Jul	0.062	11700	0.0476	0.138	0.000188	0.0182	0.00353	32.2	0.0000472	0.00127	0.01	0.0294	0.238
2036 Aug	0.0627	11700	0.0477	0.135	0.000188	0.0183	0.00354	32.2	0.000047	0.00132	0.01	0.0295	0.239
2036 Sep	0.0629	11700	0.048	0.133	0.000187	0.0183	0.00355	32.1	0.0000468	0.00143	0.01	0.0295	0.238
2036 Oct	0.0628	11600	0.0481	0.131	0.000186	0.0182	0.00354	31.9	0.0000464	0.00159	0.00996	0.0293	0.236
2036 Nov	0.063	11600	0.0481	0.132	0.000186	0.0182	0.00356	32	0.0000464	0.00158	0.00998	0.0293	0.237
2036 Dec	0.0633	11700	0.0482	0.132	0.000186	0.0183	0.00357	32.1	0.0000465	0.00157	0.01	0.0294	0.238
2037 Jan	0.0634	11700	0.0482	0.133	0.000186	0.0183	0.00358	32.1	0.0000466	0.00156	0.01	0.0295	0.238
2037 Feb	0.0634	11700	0.0482	0.133	0.000186	0.0183	0.00358	32.1	0.0000466	0.00156	0.01	0.0295	0.238
2037 Mar	0.0634	11700	0.0482	0.133	0.000186	0.0183	0.00358	32.1	0.0000466	0.00156	0.01	0.0295	0.238
2037 Apr	0.0634	11700	0.0482	0.133	0.000186	0.0183	0.00358	32.1	0.0000466	0.00156	0.01	0.0295	0.238
2037 May	0.063	11600	0.048	0.132	0.00019	0.0182	0.00356	31.9	0.0000463	0.00156	0.00997	0.0293	0.236
2037 Jun	0.0611	11200	0.0476	0.129	0.000195	0.0176	0.00346	30.9	0.0000448	0.00154	0.00969	0.0284	0.229
2037 Jul	0.0609	11200	0.0479	0.128	0.000194	0.0176	0.00346	30.8	0.0000447	0.00154	0.00967	0.0283	0.228
2037 Aug	0.0607	11200	0.0482	0.128	0.000194	0.0176	0.00346	30.7	0.0000446	0.00155	0.00966	0.0283	0.227
2037 Sep	0.0602	11100	0.0485	0.127	0.000193	0.0174	0.00343	30.4	0.0000441	0.00155	0.00958	0.028	0.225
2037 Oct	0.0572	10500	0.0486	0.121	0.000184	0.0166	0.0033	28.9	0.0000419	0.00153	0.00916	0.0267	0.213
2037 Nov	0.0552	10100	0.0478	0.119	0.000178	0.016	0.0032	27.8	0.0000405	0.0015	0.00886	0.0258	0.206
2037 Dec	0.0549	10100	0.0476	0.118	0.000177	0.0159	0.00318	27.7	0.0000403	0.00149	0.00881	0.0256	0.204
2038 Jan	0.0548	10000	0.0474	0.118	0.000178	0.0159	0.00317	27.6	0.0000402	0.00149	0.00879	0.0256	0.204
2038 Feb	0.0547	10000	0.0474	0.118	0.000179	0.0159	0.00316	27.6	0.0000401	0.00149	0.00878	0.0255	0.204
2038 Mar	0.0546	10000	0.0473	0.118	0.00018	0.0159	0.00316	27.5	0.0000401	0.00149	0.00877	0.0255	0.203
2038 Apr	0.0546	10000	0.0473	0.118	0.000181	0.0159	0.00316	27.5	0.0000401	0.00149	0.00878	0.0255	0.203
2038 May	0.048	8750	0.0447	0.108	0.000243	0.014	0.00283	24.1	0.0000353	0.00138	0.00788	0.0226	0.178
2038 Jun	0.00668	1130	0.0141	0.0255	0.000208	0.0021	0.00053	3.21	0.00000619	0.000383	0.00147	0.00398	0.0227
2038 Jul	0.00232	384	0.00552	0.0115	0.000103	0.000735	0.000212	1.1	0.00000342	0.000149	0.000553	0.00189	0.00763
2038 Aug	0.00147	237	0.004	0.0087	0.0000762	0.000472	0.000152	0.69	0.00000287	0.000107	0.000374	0.00148	0.00467
2038 Sep	0.00111	173	0.0034	0.00749	0.0000624	0.000361	0.000127	0.512	0.00000263	0.000091	0.000296	0.00131	0.00337
2038 Oct	0.000993	152	0.00326	0.00717	0.0000598	0.000325	0.00012	0.453	0.00000254	0.0000869	0.000271	0.00125	0.00294
2038 Nov	0.000994	152	0.00327	0.00718	0.0000598	0.000326	0.00012	0.453	0.00000254	0.0000873	0.000272	0.00125	0.00294
2038 Dec	0.000994	152	0.00327	0.00719	0.0000598	0.000326	0.00012	0.453	0.00000254	0.0000873	0.000272	0.00125	0.00294
2039 Jan	0.000994	152	0.00327	0.00719	0.0000598	0.000326	0.00012	0.453	0.00000254	0.0000873	0.000272	0.00125	0.00294
2039 Feb	0.000994	152	0.00327	0.00719	0.0000599	0.000326	0.00012	0.453	0.00000254	0.0000873	0.000272	0.00125	0.00294
2039 Mar	0.000994	152	0.00327	0.00719	0.0000599	0.000326	0.00012	0.453	0.00000254	0.0000873	0.000272	0.00125	0.00294
2039 Apr	0.000994	152	0.00327	0.00719	0.0000599	0.000326	0.00012	0.453	0.00000254	0.0000873	0.000272	0.00125	0.00294
2039 May	0.000996	152	0.00329	0.0072	0.0000599	0.000326	0.00012	0.454	0.00000255	0.0000876	0.000272	0.00125	0.00294
2039 Jun	0.000922	134	0.0036	0.00753	0.0000594	0.000315	0.00012	0.409	0.00000247	0.0000945	0.000273	0.00124	0.00258
2039 Jul	0.000805	110	0.00374	0.00736	0.000058	0.000285	0.000116	0.344	0.00000237	0.0000968	0.000257	0.00119	0.00209
2039 Aug	0.00071	94.6	0.00349	0.00708	0.0000545	0.000253	0.000109	0.3	0.00000232	0.0000903	0.000235	0.00114	0.00177
2039 Sep	0.000637	83.5	0.0032	0.00674	0.0000511	0.000228	0.000102	0.267	0.00000228	0.0000831	0.000214	0.0011	0.00155
2039 Oct	0.000607	78.7	0.0031	0.00662	0.0000506	0.000217	0.000099	0.254	0.00000226	0.0000806	0.000206	0.00108	0.00146
2039 Nov	0.000607	78.7	0.0031	0.00662	0.0000506	0.000217	0.000099	0.254	0.00000226	0.0000806	0.000206	0.00108	0.00146
2039 Dec	0.000607	78.7	0.0031	0.00662	0.0000506	0.000217	0.000099	0.254	0.00000226	0.0000806	0.000206	0.00108	0.00146
2040 Jan	0.000607	78.7	0.0031	0.00663	0.0000506	0.000217	0.000099	0.254	0.00000226	0.0000806	0.000206	0.00108	0.00146
2040 Feb	0.000607	78.7	0.0031	0.00663	0.0000506	0.000217	0.000099	0.254	0.00000226	0.0000806	0.000206	0.00108	0.00146
2040 Mar	0.000607	78.7	0.0031	0.00663	0.0000506	0.000217	0.000099	0.254	0.00000226	0.0000807	0.000206	0.00108	0.00146
2040 Apr	0.000607	78.8	0.0031	0.00663	0.0000506	0.000218	0.0000991	0.254	0.00000226	0.0000807	0.000206	0.00108	0.00146

Appendix D.2-19: WES02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	37.1	0.0329	0.00991	0.000257	9.42	0.00515	3.22	0.000147	0.000147	0.00000129	0.00152	0.00072	0.00178	0.0105	0.00000129	14.8	0.00000515	0.00018	0.000309	0.000489	0.0243	0.00000257	0.859	2.08	0.0527	0.0000759	3.23	0.000669	0.00894	0.0000311	0.0000592	0.0000334	0.08	0.000000515	0.0000257	0.00054	0.000399	0.0858
Operation (2026-2036): Mean	32800	42.9	50.4	1.35	21500	0.0737	2010	0.0517	0.00405	0.000301	0.0157	0.104	0.825	0.203	0.0000663	1070	0.000323	0.00109	0.0062	0.0034	0.0567	0.0000163	307	92	0.266	0.0484	9830	0.0452	0.145	0.000172	0.0155	0.00301	27	0.0000393	0.00104	0.00882	0.0248	0.242
Operation (2026-2036): Max	44000	78.5	89	2.47	29300	0.242	2660	0.111	0.00762	0.000419	0.02	1.82	1.08	0.284	0.000165	1450	0.00043	0.00178	0.0084	0.00609	0.116	0.000041	417	117	0.317	0.0673	13400	0.067	0.295	0.000593	0.0212	0.00443	36.9	0.0000545	0.0016	0.0128	0.0333	0.267
2040 May	506	0.255	0.34	0.00987	174	0.0339	33.3	0.00122	0.000989	0.00000729	0.00321	0.000915	0.0243	0.00935	0.00000536	16.2	0.0000105	0.0000909	0.000157	0.000966	0.0152	0.00000241	3.32	2.61	0.0127	0.000608	78.8	0.00311	0.00666	0.0000511	0.000218	0.0000994	0.254	0.00000226	0.000081	0.000207	0.00109	0.00146
2040 Jun	509	0.24	0.323	0.00944	165	0.0343	33.5	0.0012	0.000983	0.00000714	0.00324	0.000907	0.0249	0.00945	0.00000533	15.9	0.0000106	0.0000962	0.000158	0.000982	0.0159	0.00000258	3.19	2.65	0.0138	0.000594	74.2	0.00328	0.00696	0.0000571	0.000218	0.000101	0.244	0.00000224	0.0000849	0.000217	0.00109	0.00136
2040 Jul	475	0.217	0.294	0.00866	149	0.034	31.4	0.00118	0.000984	0.00000694	0.0032	0.000851	0.0236	0.00923	0.00000531	15	0.0000102	0.0000977	0.00015	0.000976	0.0158	0.00000248	2.97	2.53	0.0131	0.00055	67.3	0.00314	0.00673	0.0000565	0.000203	0.0000971	0.223	0.00000222	0.0000812	0.000206	0.00106	0.00123
2040 Aug	444	0.198	0.269	0.00802	137	0.0336	29.4	0.00116	0.000986	0.00000678	0.00317	0.000803	0.0224	0.00907	0.00000529	14.3	0.0000098	0.0000948	0.000145	0.000963	0.0156	0.00000236	2.79	2.43	0.0124	0.000512	61.7	0.00299	0.0065	0.0000543	0.00019	0.0000935	0.207	0.0000022	0.0000773	0.000196	0.00104	0.00111
2040 Sep	417	0.183	0.249	0.00747	127	0.0332	27.8	0.00115	0.000986	0.00000663	0.00316	0.000761	0.0214	0.00896	0.00000527	13.8	0.0000095	0.0000885	0.000142	0.000948	0.0152	0.00000226	2.64	2.35	0.0118	0.000481	57.1	0.00285	0.00633	0.0000521	0.000178	0.0000902	0.193	0.0000218	0.0000739	0.000186	0.00103	0.00102
2040 Oct	404	0.176	0.239	0.00722	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00626	0.0000517	0.000173	0.0000885	0.187	0.0000218	0.000072	0.000181	0.00102	0.000981
2040 Nov	404	0.176	0.239	0.00722	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00627	0.0000517	0.000173	0.0000886	0.187	0.0000218	0.000072	0.000181	0.00102	0.000982
2040 Dec	404	0.176	0.239	0.00722	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00627	0.0000517	0.000173	0.0000886	0.187	0.0000218	0.000072	0.000181	0.00102	0.000982
2041 Jan	404	0.176	0.239	0.00722	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00627	0.0000517	0.000173	0.0000886	0.187	0.0000218	0.000072	0.000181	0.00102	0.000982
2041 Feb	404	0.176	0.239	0.00722	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00627	0.0000517	0.000173	0.0000886	0.187	0.0000218	0.000072	0.000181	0.00102	0.000982
2041 Mar	404	0.176	0.239	0.00722	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00627	0.0000517	0.000173	0.0000886	0.187	0.0000218	0.000072	0.000181	0.00102	0.000982
2041 Apr	404	0.176	0.239	0.00723	122	0.033	27	0.00114	0.000987	0.00000657	0.00315	0.00074	0.0208	0.00891	0.00000526	13.5	0.0000094	0.0000856	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000466	55	0.00277	0.00627	0.0000517	0.000173	0.0000886	0.187	0.0000218	0.000072	0.000181	0.00102	0.000982
2041 May	405	0.176	0.24	0.00723	122	0.033	27	0.00114	0.000988	0.00000658	0.00315	0.000741	0.0209	0.00892	0.00000526	13.5	0.0000094	0.0000857	0.00014	0.000943	0.0151	0.0000022	2.57	2.31	0.0115	0.000467	55	0.00278	0.00627	0.0000518	0.000173	0.0000887	0.187	0.0000218	0.0000722	0.000181	0.00102	0.000982
2041 Jun	403	0.169	0.232	0.00702	117	0.0331	26.9	0.00113	0.000985	0.00000651	0.00316	0.000733	0.021	0.00886	0.00000524	13.3	0.0000094	0.0000878	0.000139	0.000946	0.0152	0.0000022	2.51	2.31	0.0116	0.000458	52.9	0.00282	0.00641	0.0000552	0.000172	0.0000887	0.182	0.0000217	0.0000732	0.000183	0.00102	0.000939
2041 Jul	396	0.157	0.218	0.00666	110	0.0332	26.5	0.00112	0.000982	0.00000639	0.00315	0.000713	0.021	0.00873	0.00000522	12.9	0.0000092	0.0000904	0.000135	0.00095	0.0152	0.00000231	2.39	2.28	0.0116	0.000441	49.3	0.00286	0.00638	0.0000519	0.000169	0.0000883	0.172	0.0000215	0.0000739	0.000181	0.00101	0.000866
2041 Aug	377	0.148	0.205	0.00632	103	0.0329	25.3	0.00111	0.000984	0.00000631	0.00314	0.000686	0.0201	0.00865	0.00000521	12.5	0.0000091	0.0000887	0.000132	0.000941	0.0151	0.00000223	2.3	2.22	0.0111	0.00042	46.4	0.00275	0.00624	0.0000506	0.000161	0.0000859	0.164	0.0000214	0.0000711	0.000175	0.001	0.00081
2041 Sep	361	0.139	0.194	0.00601	97.6	0.0327	24.3	0.0011	0.000985	0.00000624	0.00313	0.000661	0.0195	0.0086	0.00000512	12.2	0.0000089	0.0000843	0.000131	0.000932	0.0149	0.00000215	2.22	2.17	0.0108	0.000402	43.9	0.00265	0.00613	0.0000492	0.000154	0.0000839	0.156	0.0000213	0.0000688	0.000169	0.000991	0.000761
2041 Oct	354	0.135	0.188	0.00588	94.9	0.0326	23.8	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0192	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000928	0.0148	0.0000212	2.18	2.15	0.0106	0.000394	42.7	0.00262	0.00608	0.0000489	0.000151	0.000083	0.153	0.0000213	0.0000679	0.000166	0.000986	0.000737
2041 Nov	354	0.135	0.188	0.00588	94.9	0.0326	23.8	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0193	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000929	0.0148	0.0000212	2.18	2.15	0.0106	0.000394	42.7	0.00262	0.00609	0.0000489	0.000151	0.0000831	0.153	0.0000213	0.0000679	0.000166	0.000987	0.000737
2041 Dec	354	0.135	0.188	0.00588	94.9	0.0326	23.8	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0193	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000929	0.0148	0.0000212	2.18	2.15	0.0106	0.000394	42.7	0.00262	0.00609	0.0000489	0.000151	0.0000831	0.153	0.0000213	0.0000679	0.000166	0.000987	0.000737
2042 Jan	354	0.135	0.188	0.00588	94.9	0.0326	23.8	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0193	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000929	0.0148	0.0000212	2.18	2.15	0.0106	0.000394	42.7	0.00262	0.00609	0.0000489	0.000151	0.0000831	0.153	0.0000213	0.0000679	0.000166	0.000987	0.000737
2042 Feb	354	0.135	0.188	0.00588	94.9	0.0326	23.8	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0193	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000929	0.0148	0.0000212	2.18	2.15	0.0106	0.000394	42.7	0.00262	0.00609	0.0000489	0.000151	0.0000831	0.153	0.0000213	0.0000679	0.000166	0.000987	0.000737
2042 Mar	354	0.135	0.188	0.00588	95	0.0326	23.8	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0193	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000929	0.0148	0.0000212	2.18	2.15	0.0106	0.000394	42.7	0.00262	0.00609	0.0000489	0.000151	0.0000831	0.153	0.0000213	0.0000679	0.000166	0.000987	0.000737
2042 Apr	354	0.135	0.188	0.00588	95	0.0326	23.9	0.0011	0.000985	0.0000062	0.00312	0.00065	0.0193	0.00857	0.0000052	12.1	0.0000089	0.0000824	0.00013	0.000929	0.0148	0.0000212	2.18	2.15	0.0106	0.000395	42.7	0.00262	0.00609	0.0000489	0.000151	0.0000831	0.153	0.0000213	0.0000679	0.000166	0.000987	0.000738
2042 May	355	0.135	0.189	0.00588	95	0.0326	23.9	0.0011	0.000986	0.0000062	0.00313	0.000651	0.0193	0.00858	0.0000052	12.1	0.0000089	0.0000825	0.00013	0.00093	0.0148	0.0000213	2.19	2.15	0.0106	0.000395	42.8	0.00262	0.00609	0.0000491	0.000151	0.0000832	0.153	0.0000213	0.0000681	0.000166	0.000988	0.000738
2042 Jun	354	0.132	0.184	0.00577	92.5	0.0327	23.8	0.0011	0.000984	0.0000062	0.00313	0.000647	0.0194	0.00854	0.0000052	12	0.0000089	0.0000824	0.000129	0.000932	0.0149	0.0000217	2.15	2.15	0.0107	0.00039	41.6	0.00265	0.00616	0.0000492	0.000151	0.0000832	0.15	0.0000213	0.0000687	0.000167	0.000988	0.000714
2042 Jul	346	0.125	0.176	0.00555	87.8	0.0326	23.3	0.00109	0.000983	0.0000061	0.00312	0.000632	0.0191	0.00847	0.0000051	11.7	0.0000088	0.0000857	0.000126	0.000932	0.0149	0.0000216	2.08	2.12	0.0105	0.000379	39.5	0.00264	0.00613	0.0000493	0.000147	0.0000824	0.144	0.0000212	0.0000682	0.000165	0.000982	0.000673
2042 Aug	337	0.119	0.168	0.00534	83.7	0.0325	22.8	0.00108	0.000982	0.0000060	0.00311	0.000618	0.0188	0.00841	0.0000051	11.5	0.0000087	0.0000849	0.000125	0.000928	0.0148	0.0000214	2.02	2.09	0.0104	0.000367	37.6	0.0026	0.00607	0.0000484	0.000143	0.0000814	0.139	0.0000211	0.0000672	0.000162	0.000975	0.000636
2042 Sep	326	0.113	0.161	0.00514	80.1	0.0323	22.1	0.00108	0.000982	0.00000599	0.0031	0.000602	0.0183	0.00838	0.0000051	11.3	0.0000086	0.0000817	0.000124	0.00092	0.0147	0.0000209	1.97	2.06	0.0101	0.000355	36	0.00253	0.00601	0.0000473	0.000138	0.0000799	0.134	0.0000021	0.0000656	0.000157	0.000968	0.000605
2042 Oct	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000801	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00996	0.00035	35.3	0.0025	0.00598	0.0000472	0.000136	0.0000793	0.131	0.0000021	0.0000648	0.000155	0.000964	0.00059
2042 Nov	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000801	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00996	0.00035	35.3	0.0025	0.00598	0.0000472	0.000136	0.0000793	0.131	0.0000021	0.0000648	0.000155	0.000964	0.00059
2042 Dec	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000801	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00996	0.00035	35.3	0.0025	0.00599	0.0000472	0.000136	0.0000793	0.131	0.0000021	0.0000648	0.000155	0.000964	0.00059
2043 Jan	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000801	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00996	0.00035	35.3	0.0025	0.00599	0.0000472	0.000136	0.0000793	0.131	0.0000021	0.0000648	0.000155	0.000964	0.00059
2043 Feb	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000801	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00997	0.00035	35.3	0.0025	0.00599	0.0000472	0.000136	0.0000793	0.131	0.0000021	0.0000648	0.000155	0.000964	0.00059
2043 Mar	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000801	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00997	0.00035	35.3	0.0025	0.00599	0.0000472	0.000136	0.0000793	0.131	0.0000021	0.0000648	0.000155	0.000964	0.00059
2043 Apr	321	0.111	0.157	0.00505	78.4	0.0322	21.8	0.00107	0.000982	0.00000597	0.0031	0.000594	0.0181	0.00836	0.0000051	11.2	0.0000085	0.0000802	0.000123	0.000918	0.0146	0.0000206	1.94	2.04	0.00997	0.00035	35.3	0.0025	0.00599	0.0000472	0.000136	0.0000793	0.132	0.0000021	0.0000648	0.000155	0.000964	0.00059
2043 May	321	0.111	0.157	0.00505	78.4	0.0323	21.8	0.00108	0.000983	0.00000597	0.0031	0.000595	0.0182	0.00837	0.0000051	11.2	0.0000085	0.0000802	0.000124	0.000919	0.0146	0.0000207	1.95	2.05	0.01	0.00035	35.3	0.0025	0.006	0.0000474	0.000136	0.0000794	0.132	0.0000021	0.0000649	0.000156	0.000965	0.00059
2043 Jun	320	0.108	0.154	0.00497	76.7	0.0323	21.7	0.00107	0.000982	0.00000594	0.00311	0.000594	0.0182	0.00842	0.0000051	11.2	0.0000086	0.0000821	0.000124	0.00092	0.0149	0.0000021	1.92	2.05	0.0102	0.000347	34.5	0.00252	0.00613	0.0000496	0.000136	0.0000795	0.13	0.0000021	0.0000652	0.000159	0.000966	0.000574
2043 Jul	310	0.104	0.148	0.00481	73.8	0.0321	21.1	0.00107	0.000984	0.00000591	0.00309	0.000581	0.0177	0.00838	0.0000051	11	0.0000084	0.0000832	0.000122	0.000919	0.0149	0.0000206	1.88	2.01	0.01	0.000337	33.2	0.00246	0.00607	0.0000497	0.000132	0.0000782	0.126	0.0000020	0.0000637	0.000156	0.000961	0.00055
2043 Aug	300	0.1	0.143	0.00467	71.1	0.032	20.5	0.00107	0.000986	0.00000588	0.00309	0.000568	0.0172	0.00835	0.0000051	10.8	0.0000083	0.0000824	0.00012	0.000914	0.0148	0.0000201	1.84	1.98	0.00976	0.000327	32	0.00239	0.006	0.0000449	0.000128	0.00007	0.122	0.0000020	0.0000621	0.000152	0.000956	0.000527
2043 Sep	291	0.0962	0.137	0.00453	68.6	0.0318	19.9	0.00107	0.000987	0.00000585	0.00308	0.000556	0.0168	0.00832	0.0000051	10.7	0.0000082	0.0000797	0.00012	0.000908	0.0147	0.0000196	1.8	1.95	0.00952	0.000318	30.9	0.00233	0.00594	0.0000482	0.000124	0.0000758	0.119	0.0000020	0.0000606	0.000149	0.000951	0.000506
2043 Oct	287	0.0944	0.135	0.00446	67.4	0.0317	19.6	0.00106	0.000987	0.00000583	0.00308	0.00055	0.0166	0.00831	0.0000051	10.6	0.0000082	0.0000784	0.000119	0.000905	0.0146	0.00000194	1.79	1.94	0.0094	0.000314	30.4	0.0023	0.00593	0.0000448	0.000122	0.0000752	0.117	0.0000020	0.0000599	0.000147	0.000948	0.000495
2043 Nov	287	0.0944	0.135	0.00446	67.4	0.0317	19.7	0.00106	0.000986	0.00000583	0.00308	0.00055	0.0167	0.00832	0.00000515	10.6	0.00000821	0.0000785	0.000119	0.000905	0.0146	0.00000195	1.79	1.94	0.00941	0.000314	30.4	0.0023	0.00595	0.0000448	0.000123	0.0000752	0.117	0.00000209	0.00006	0.000147	0.000948	0.000495
2043 Dec	287	0.0944	0.135	0.00446	67.4	0.0317	19.7	0.00106	0.000986	0.00000583	0.00308	0.00055	0.0167	0.00832	0.00000515	10.6	0.00000821	0.0000785	0.000119	0.000905	0.0146	0.00000195	1.79	1.94	0.00941	0.000314	30.4	0.0023	0.00595	0.0000448	0.000123	0.0000752	0.117	0.00000209	0.00006	0.000147	0.000948	0.000495

Appendix D.2-20: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	556	0.0347	0.09	0.00455	350	0.0374	33.3	0.00192	0.000362	0.00000495	0.00393	0.00927	0.146	0.0185	0.00000957	0.186	0.0000134	0.00321	0.000288	0.000742	0.00894	0.00000369	5.04	1.45	0.0194	0.00237	152	0.00922	0.00398	0.0000462	0.000525	0.000369	0.481	0.0000281	0.00184	0.000641	0.000375	0.000491
Operation (2026-2036): Mean	2540	5.82	22.6	0.141	985	0.166	312	0.00739	0.00231	0.0000481	0.0222	0.0453	0.479	0.182	0.000749	89.4	0.0000756	0.00724	0.00134	0.0043	0.0579	0.0000165	27.5	46.8	0.454	0.0118	496	0.0399	1.2	0.000268	0.0024	0.00148	1.63	0.000133	0.00524	0.016	0.00305	0.00288
Operation (2026-2036): Max	3560	10.3	42	0.208	1280	0.245	474	0.0115	0.00919	0.00023	0.092	0.0821	1.4	0.919	0.0046	136	0.000106	0.0101	0.0046	0.00639	0.23	0.0000246	38.9	79.7	0.71	0.046	633	0.0606	4.25	0.00092	0.00833	0.00233	2.37	0.00046	0.00779	0.0919	0.00399	0.0082
Active Closure (2037-2043): Min	188	0.0199	0.0543	0.00189	13.4	0.0309	18.1	0.00101	0.000954	0.00000508	0.003	0.000465	0.0133	0.00769	0.00000505	8.42	0.00000715	0.0000859	0.0000985	0.000877	0.0136	0.00000174	1.03	1.92	0.0085	0.000193	5.98	0.00182	0.00622	0.0000437	0.0000717	0.0000684	0.0482	0.00000206	0.0000584	0.000113	0.000877	0.00000247
Active Closure (2037-2043): Mean	1300	3.58	11.2	0.0662	427	0.0933	181	0.00528	0.00114	0.0000938	0.00601	0.0244	0.147	0.0256	0.000016	60.1	0.0000432	0.00364	0.000417	0.00282	0.0213	0.0000087	15.7	30.2	0.274	0.00251	230	0.0221	0.441	0.00011	0.000613	0.000896	0.763	0.0000319	0.00277	0.000947	0.00212	0.000748
Active Closure (2037-2043): Max	2950	9.24	29	0.167	1080	0.191	441	0.0149	0.00145	0.0000161	0.0106	0.0613	0.35	0.0536	0.0000332	141	0.0000993	0.00929	0.000901	0.00586	0.034	0.000019	38.5	74.5	0.688	0.00617	586	0.0539	1.16	0.00021	0.00143	0.00217	1.88	0.0000798	0.0071	0.00224	0.00403	0.0019
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan	556	0.0347	0.09	0.00455	378	0.0374	33.3	0.00368	0.00368	0.0000092	0.0368	0.00927	0.553	0.368	0.00184	0.186	0.0000134	0.00368	0.00184	0.000742	0.0921	0.00000369	5.4	1.45	0.0194	0.0184	173	0.00922	0.00398	0.000368	0.00331	0.000369	0.481	0.000184	0.00184	0.0368	0.000375	0.00328
2026 Feb	1060	0.0599	0.151	0.00834	720	0.0712	63.4	0.00703	0.00703	0.0000176	0.0703	0.0177	1.06	0.703	0.00351	0.285	0.0000255	0.00703	0.00351	0.00142	0.176	0.00000705	10.3	2.75	0.0366	0.0352	330	0.0176	0.00748	0.000704	0.00633	0.000704	0.916	0.000352	0.00352	0.0703	0.000713	0.00627
2026 Mar	1240	0.0644	0.158	0.00947	843	0.0832	74.1	0.00823	0.00823	0.0000206	0.0823	0.0223	1.24	0.823	0.00411	0.272	0.0000298	0.00823	0.00411	0.00165	0.206	0.00000825	12	3.2	0.0425	0.0412	386	0.0206	0.00865	0.000824	0.00741	0.000824	1.07	0.000412	0.00412	0.0823	0.000832	0.00734
2026 Apr	1330	0.0647	0.155	0.00993	904	0.0892	79.5	0.00884	0.00884	0.0000221	0.0884	0.0293	1.33	0.884	0.00442	0.243	0.000032	0.00884	0.00442	0.00178	0.221	0.00000886	12.9	3.43	0.0454	0.0442	414	0.0221	0.00921	0.000885	0.00796	0.000885	1.15	0.000442	0.00442	0.0884	0.000892	0.00788
2026 May	1390	0.0654	0.156	0.0103	942	0.0929	83.3	0.00919	0.00919	0.00023	0.092	0.0292	1.38	0.919	0.0046	0.289	0.0000333	0.0092	0.0046	0.00185	0.23	0.00000925	13.4	3.59	0.0473	0.046	431	0.0231	0.00953	0.00092	0.00828	0.000922	1.19	0.00046	0.0046	0.0919	0.00093	0.0082
2026 Jun	2800	2.55	8.42	0.151	1160	0.192	240	0.00593	0.00593	0.0000148	0.0611	0.0287	1.05	0.584	0.00285	33	0.0000522	0.0066	0.00303	0.00301	0.154	0.0000152	20.8	14.7	0.189	0.0329	558	0.0275	0.047	0.000604	0.00584	0.000928	1.95	0.000344	0.00369	0.0574	0.00208	0.00581
2026 Jul	3140	2.3	7.62	0.141	1190	0.193	268	0.00589	0.00589	0.0000148	0.0612	0.0273	1.06	0.583	0.00285	34	0.0000547	0.00655	0.00306	0.00324	0.154	0.0000173	19.6	15.9	0.185	0.0327	552	0.0307	0.0416	0.000602	0.00592	0.000976	1.85	0.000336	0.00372	0.0574	0.0021	0.0057
2026 Aug	3560	1.87	6.27	0.122	1220	0.19	302	0.00573	0.00573	0.0000145	0.0603	0.0251	1.04	0.57	0.0028	34.5	0.0000569	0.00634	0.00306	0.00349	0.151	0.00002	17.5	17.3	0.173	0.0318	532	0.0346	0.0327	0.000587	0.00591	0.00102	1.66	0.000318	0.00368	0.0565	0.00208	0.00545
2026 Sep	3540	1.47	4.96	0.102	1210	0.179	296	0.0061	0.0061	0.0000154	0.0639	0.0244	1.09	0.608	0.003	31.2	0.0000557	0.00662	0.00325	0.00345	0.16	0.0000202	16.1	16.6	0.154	0.0332	514	0.0354	0.026	0.000622	0.00622	0.00104	1.53	0.000328	0.00379	0.0605	0.00196	0.00568
2026 Oct	3430	1.39	4.68	0.0964	1200	0.175	285	0.00629	0.00629	0.0000159	0.0657	0.024	1.11	0.627	0.0031	29.5	0.0000545	0.00678	0.00334	0.00337	0.164	0.0000196	15.9	15.9	0.148	0.0341	511	0.0348	0.0252	0.00064	0.00636	0.00104	1.51	0.000336	0.00385	0.0625	0.00189	0.00584
2026 Nov	2970	1.14	3.81	0.0792	1160	0.159	239	0.00714	0.00714	0.00018	0.0735	0.0244	1.2	0.712	0.00353	23	0.0000503	0.00753	0.00371	0.00305	0.184	0.0000173	15.9	13.1	0.128	0.0377	504	0.0324	0.0228	0.000722	0.00695	0.00103	1.48	0.000375	0.00412	0.071	0.0017	0.00655
2026 Dec	2660	0.92	3.07	0.0653	1130	0.147	208	0.00773	0.00773	0.0000194	0.079	0.0245	1.26	0.772	0.00383	18.3	0.0000474	0.00804	0.00398	0.00283	0.197	0.0000157	15.6	11.2	0.112	0.0403	497	0.0308	0.0203	0.000779	0.00738	0.00102	1.45	0.000401	0.0043	0.077	0.00155	0.00704
2027 Jan	2350	0.76	2.52	0.0551	1050	0.138	180	0.00816	0.00816	0.0000205	0.0829	0.0246	1.3	0.815	0.00405	14.9	0.0000452	0.00841	0.00417	0.00268	0.207	0.0000147	14.5	9.58	0.101	0.0421	463	0.0297	0.0184	0.000821	0.00768	0.00102	1.34	0.00042	0.00443	0.0813	0.00145	0.00685
2027 Feb	2040	0.646	2.13	0.0478	930	0.132	155	0.00846	0.00846	0.0000212	0.0857	0.0247	1.34	0.845	0.00421	12.5	0.0000437	0.00867	0.00431	0.00257	0.214	0.0000139	12.9	8.21	0.0924	0.0434	412	0.0289	0.0171	0.00085	0.0079	0.00101	1.19	0.000433	0.00452	0.0844	0.00138	0.00621
2027 Mar	1810	0.558	1.83	0.0422	841	0.127	136	0.00869	0.00869	0.0000218	0.0879	0.0247	1.36	0.868	0.00433	10.6	0.0000426	0.00887	0.00441	0.00248	0.22	0.0000133	11.7	7.17	0.0862	0.0444	373	0.0283	0.0161	0.000873	0.00806	0.00101	1.08	0.000443	0.0046	0.0867	0.00132	0.00572
2027 Apr	1630	0.487	1.59	0.0377	770	0.124	121	0.00889	0.00889	0.0000223	0.0897	0.0248	1.38	0.888	0.00443	9.11	0.0000417	0.00904	0.0045	0.00241	0.224	0.0000128	10.7	6.33	0.0811	0.0452	343	0.0279	0.0152	0.000892	0.0082	0.00101	0.984	0.000452	0.00466	0.0887	0.00128	0.00533
2027 May	1490	0.433	1.41	0.0343	716	0.121	110	0.00905	0.00905	0.0000227	0.0912	0.0258	1.4	0.904	0.00451	8.03	0.0000411	0.00918	0.00457	0.00237	0.228	0.0000125	9.99	5.73	0.0775	0.046	319	0.0276	0.0146	0.000908	0.00833	0.00101	0.914	0.000459	0.00471	0.0903	0.00125	0.00503
2027 Jun	2280	1.83	6.03	0.113	866	0.173	197	0.007	0.007	0.0000175	0.0717	0.0281	1.18	0.695	0.00343	25.9	0.0000504	0.00751	0.00358	0.00294	0.18	0.0000154	14.7	11.8	0.155	0.0375	405	0.0292	0.0355	0.000709	0.00675	0.000988	1.39	0.000383	0.00408	0.0688	0.00185	0.00402
2027 Jul	2700	2.25	7.46	0.138	926	0.193	239	0.00618	0.00618	0.0000155	0.064	0.0275	1.09	0.612	0.003	33.1	0.0000547	0.00682	0.0032	0.00323	0.161	0.0000172	15.9	14.6	0.182	0.0341	431	0.0309	0.0412	0.000629	0.00616	0.000993	1.51	0.00035	0.00384	0.0604	0.00209	0.00351
2027 Aug	2740	2.04	6.79	0.128	905	0.189	242	0.0063	0.0063	0.0000158	0.0653	0.027	1.11	0.624	0.00307	32.1	0.0000549	0.0069	0.00328	0.00327	0.164	0.0000178	14.7	14.5	0.174	0.0345	412	0.0319	0.0375	0.000641	0.00628	0.00101	1.41	0.000351	0.00388	0.0617	0.00205	0.00335
2027 Sep	2900	1.86	6.21	0.12	896	0.187	256	0.00615	0.00615	0.0000155	0.0641	0.0259	1.09	0.61	0.003	32.5	0.0000557	0.00673	0.00323	0.00337	0.16	0.0000189	13.5	15.1	0.169	0.0337	393	0.0335	0.0336	0.000626	0.00621	0.00103	1.3	0.000339	0.00383	0.0605	0.00203	0.00304
2027 Oct	2640	1.57	8.7	0.105	796	0.169	232	0.00581	0.00581	0.0000146	0.0606	0.0234	1.02	0.578	0.00285	28.7	0.0000509	0.00632	0.00306	0.0031	0.152	0.0000176	11.5	13.6	0.149	0.0317	344	0.0313	0.465	0.000591	0.00585	0.000954	1.11	0.000316	0.00358	0.0574	0.00183	0.00266
2027 Nov	2140	1.24	12.6	0.0865	657	0.142	186	0.00548	0.00548	0.0000138	0.0567	0.0206	0.942	0.545	0.00269	22.7	0.0000435	0.00587	0.00286	0.00263	0.142	0.0000148	9.41	10.9	0.122	0.0294	284	0.027	1.09	0.000556	0.00542	0.000844	0.907	0.000294	0.00327	0.0542	0.00153	0.00234
2027 Dec	1780	1.02	15.1	0.0739	562	0.124	153	0.00531	0.00531	0.0000133	0.0547	0.0188	0.895	0.529	0.00262	18.4	0.0000384	0.00563	0.00276	0.00231	0.137	0.0000129	8.05	8.9	0.103	0.0282	243	0.0241	1.5	0.000538	0.00518	0.000771	0.773	0.000282	0.00309	0.0527	0.00133	0.00215
2028 Jan	1560	0.893	17.7	0.0668	498	0.111	133	0.005	0.005	0.0000126	0.0513	0.0173	0.834	0.498	0.00247	15.8	0.0000345	0.00528	0.00259	0.00207	0.128	0.0000115	7.14	7.7	0.0908	0.0264	216	0.0218	1.87	0.000505	0.00484	0.000706	0.684	0.000264	0.00287	0.0496	0.00118	0.00198
2028 Feb	1430	0.823	20.4	0.0634	453	0.101	121	0.00454	0.00454	0.0000114	0.0467	0.0157	0.758	0.453	0.00224	14.4	0.0000314	0.0048	0.00235	0.00188	0.117	0.0000104	6.5	7.01	0.0826	0.024	197	0.0198	2.25	0.000459	0.0044	0.000642	0.622	0.00024	0.00261	0.0451	0.00108	0.0018
2028 Mar	1310	0.762	22.8	0.0604	414	0.0921	111	0.00415	0.00415	0.0000104	0.0426	0.0144	0.693	0.414	0.00205	13.2	0.0000287	0.00438	0.00215	0.00172	0.107	0.00000955	5.95	6.41	0.0756	0.0219	180	0.0181	2.57	0.00042	0.00402	0.000586	0.569	0.000219	0.00238	0.0412	0.000985	0.00165
2028 Apr	1210	0.708	24.9	0.0578	380	0.0845	101	0.00381	0.00381	0.0000956	0.0391	0.0132	0.635	0.38	0.00188	12.1	0.0000263	0.00402	0.00197	0.00158	0.0979	0.0000876	5.46	5.88	0.0694	0.0201	165	0.0166	2.86	0.000385	0.00369	0.000538	0.523	0.000201	0.00219	0.0378	0.000903	0.00151
2028 May	1120	0.661	26.7	0.0555	350	0.078	93.6	0.00351	0.00351	0.0000882	0.0361	0.0124	0.586	0.35	0.00173	11.1	0.0000243	0.00371	0.00182	0.00146	0.0902	0.0000808	5.04	5.43	0.064	0.0186	152	0.0153	3.11	0.000355	0.0034	0.000496	0.482	0.000186	0.00202	0.0348	0.000834	0.00139
2028 Jun	1490	1.26	26.3	0.0881	448	0.104	135	0.00285	0.00285	0.0000709	0.0298	0.0147	0.521	0.279	0.00136	19.3	0.0000302	0.00324	0.00149	0.00176	0.0751	0.00000988	7.88	8.35	0.102	0.0159	206	0.0165	2.82	0.000291	0.0029	0.000509	0.753	0.000163	0.00192	0.0274	0.00119	0.00131
2028 Jul	1710	1.81	23.6	0.1	552	0.124	186	0.00265	0.00214	0.0000511	0.0231	0.0168	0.441	0.201	0.000936	30.4	0.0000403	0.00321	0.00115	0.00221	0.059	0.0000133	11.2	14.2	0.15	0.0125	246	0.0202	2.32	0.000226	0.00237	0.000611	0.904	0.000125	0.00242	0.0192	0.00162	0.00109
2028 Aug	1850	2.85	27.5	0.0972	616	0.121	218	0.00375	0.00184	0.0000416	0.0195	0.0264	0.397	0.162	0.000728	44.2	0.0000465	0.00393	0.00103	0.00267	0.0494	0.000014	14.5	23.5	0.212	0.0106	280	0.0252	2.58	0.000197	0.00208	0.000837	0.893	0.000102	0.00311	0.0151	0.00181	0.000967
2028 Sep	3260	9.01	32.9	0.138	1220	0.18	474	0.0102	0.00139	0.0000203	0.0132	0.0731	0.412	0.0759	0.000159	133	0.000103	0.0101	0.00106	0.00639	0.029	0.0000233	37.4	77.9	0.634	0.00768	589	0.0606	1.76	0.000165	0.00184	0.00233	1.41	0.0000572	0.00779	0.00489	0.00356	0.00101
2028 Oct	3070	7.48	26.2	0.208	1160	0.245	446	0.0067	0.00103	0.000014	0.0111	0.0514	0.409	0.0525	0.0000285	121	0.000106	0.00958	0.000891	0.00626	0.025	0.0000246	34.2	63.8	0.613	0.00703	596	0.0522	1.08	0.000132	0.00162	0.00189	1.96	0.0000767	0.00642	0.00217	0.00374	0.00137
2028 Nov	2490	5.97	30.6	0.174	924	0.197	355	0.00522	0.000814	0.0000111	0.00885	0.0406	0.327	0.0415	0.0000224	95.5	0.0000838	0.0075	0.000701	0.00496	0.02	0.0000196	27.2	50.2	0.484	0.00568	477	0.0411	2.07	0.000104	0.00129	0.00149	1.58	0.0000626	0.00503	0.0017	0.00298	0.0011
2028 Dec	2050	4.91	33.7	0.148	758	0.162	291	0.00427	0.000668	0.0000913	0.00726	0.0332	0.268	0.0341	0.0000184	78.3	0.0000687	0.00614	0.000574	0.00406	0.0164	0.000016	22.3	41.1	0.397	0.00467	391	0.0337	2.78	0.0000849	0.00106	0.00122	1.3	0.0000516	0.00412	0.00139	0.00244	0.000903
2029 Jan	1730	4.12	36	0.129	633	0.135	243	0.00357	0.000557	0.0000763	0.00606	0.0277	0.224	0.0284	0.0000153	65.3	0.0000573	0.00512	0.000479	0.00339	0.0137	0.0000134	18.7	34.3	0.331	0.0039	327	0.0281	3.31	0.000071	0.000884	0.00102	1.09	0.0000431	0.00344	0.00116	0.00204	0.000755
2029 Feb	1490	3.54	37.7	0.114	542	0.116	208	0.00305	0.000477	0.0000653	0.00519	0.0237	0.192	0.0244	0.0000131	55.9	0.000049	0.00438	0.00041	0.0029	0.0118	0.0000114	16	29.4	0.284	0.00334	280	0.024	3.7	0.0000608	0.000757	0.00087	0.931	0.000037	0.00294	0.000994	0.00175	0.000647
2029 Mar	1300	3.09	39.1	0.103	471	0.1	180	0.00265	0.000414	0.0000567	0.0045	0.0206	0.167	0.0211	0.0000114	48.5	0.0000426	0.0038	0.000356	0.00252	0.0102	0.00000992	13.9	25.5	0.246	0.0029	243	0.0209	4	0.0000529	0.000657	0.000755	0.809	0.0000321	0.00255	0.000863	0.00152	0.000562
2029 Apr	1150	2.71	40.2	0.0935	411	0.0878	158	0.00231	0.000362	0.0000495	0.00393	0.018	0.146	0.0185	0.00000995	42.4	0.0000372	0.00332	0.000311	0.0022	0.00894	0.00000867	12.1	22.3	0.215	0.00254	212	0.0182	4.25	0.0000462	0.000574	0.00066	0.707	0.0000281	0.00223	0.000754	0.00132	0.000491
2029 May	1110	2.52	38.3	0.124	422	0.117	155	0.00192	0.000389	0.0000558	0.00397	0.0155	0.157	0.0204	0.0000957	41.5	0.0000404	0.00321	0.000288	0.00208	0.00971	0.00000848	12.6	20.1	0.256	0.00237	229	0.0167	3.99	0.0000475	0.000525	0.000564	1.06	0.0000514	0.00218	0.000641	0.00157	0.000831
2029 Jun	2470	10.3	42	0.166	1030	0.161	371	0.0115	0.00136	0.0000156	0.00929	0.0821	0.318	0.0505	0.0000346	136	0.0000901	0.01	0.0000827	0.00563	0.0232	0.0000133	38.9	79.7	0.71	0.00511	593	0.0522	2.49	0.000149	0.00112	0.00219	1.71	0.0000796	0.00718	0.00208	0.00364	0.0015
2029 Jul	2270	5.4	20.2	0.188	914	0.198	289	0.0052	0.00103	0.000014	0.00882	0.0415	0.282	0.0403	0.0000222	87.1	0.0000764	0.00551	0.000586	0.00385	0.0278	0.0000162	26.4	41.2	0.48	0.00462	486	0.0325	0.881	0.000122	0.0011	0.00112	2.07	0.0000925	0.00424	0.00142	0.00363	0.00284
2029 Aug	2850	5.67	19.6	0.192	1280	0.19	328	0.00546	0.000991	0.0000181	0.0089	0.04	0.293	0.0421	0.0000215	101	0.0000803	0.0053	0.000685	0.00387	0.0269	0.0000175	30.5	40.9	0.448	0.00538	633	0.0334	0.852	0.000117	0.00141	0.00114	2.37	0.0000807	0.00426	0.00155	0.00383	0.00608
2029 Sep	2880	6.14	20.4	0.182	1270	0.183	339	0.00613	0.00101	0.0000177	0.00892	0.0425	0.295	0.0429	0.0000229	106	0.0000819	0.00584	0.000713	0.00412	0.0259	0.0000175	31.4	45.6	0.471	0.00539	627	0.0363	0.858	0.00012	0.00141	0.00129	2.23	0.0000754	0.00464	0.00164	0.00376	0.00554
2029 Oct	2880	6.35	21.1	0.177	1260	0.178	343	0.00644	0.00102	0.0000174	0.00888	0.0433	0.295	0.0429	0.0000234	107	0.0000821	0.00605	0.000721	0.00421	0.0254	0.0000173	31.7	47.6	0.48	0.00536	622	0.0375	0.902	0.00012	0.0014	0.00135	2.16	0.000073	0.00479	0.00167	0.00371	0.00527
2029 Nov	2860	6.23	21.5	0.175	1240	0.176	339	0.00628	0.000998	0.0000171	0.00873	0.0424	0.291	0.042	0.0000229	105	0.0000807	0.00591	0.000708	0.00414	0.0249	0.0000171	31.1	46.7	0.47	0.0053	611	0.0369	0.973	0.000118	0.00138	0.00133	2.12	0.0000719	0.00469	0.00164	0.00365	0.00515
2029 Dec	2820	6.14	21.9	0.173	1220	0.174	334	0.00618	0.000982	0.0000168	0.0086	0.0417	0.286	0.0414	0.0000225	104	0.0000794	0.00582	0.000697	0.00408	0.0245	0.0000169	30.6	45.9	0.463	0.00522	601	0.0363	1.05	0.000116	0.00136	0.0013	2.09	0.0000709	0.00461	0.00161	0.00359	0.00506
2030 Jan	2770	6.04	22.3	0.171	1200	0.171	328	0.00609	0.000966	0.0000165	0.00846	0.0411	0.282	0.0407	0.0000221	102	0.0000782	0.00572	0.000685	0.00401	0.0242	0.0000166	30.1	45.2	0.456	0.00514	592	0.0357	1.13	0.000114	0.00133	0.00128	2.06	0.0000698	0.00454	0.00159	0.00353	0.00498
2030 Feb	2730	5.95	22.7	0.168	1180	0.168	323	0.00599	0.000952	0.0000163	0.00833	0.0404	0.278	0.0401	0.0000218	100	0.000077	0.00563	0.000675	0.00395	0.0238	0.0000164	29.7	44.5	0.449	0.00506	583	0.0352	1.2	0.000112	0.00131	0.00126	2.03	0.0000687	0.00447	0.00156	0.00348	0.00491
2030 Mar	2690	5.86	23.1	0.166	1160	0.166	318	0.0059	0.000937	0.0000016	0.0082	0.0398	0.273	0.0395	0.0000215	98.9	0.0000758	0.00555	0.000665	0.00389	0.0234	0.0000161	29.2	43.8	0.442	0.00498	574	0.0346	1.28	0.00011	0.00129	0.00124	2	0.0000677	0.0044	0.00154	0.00342	0.00483
2030 Apr	2650	5.77	23.5	0.164	1140	0.163	313	0.00581	0.000922	0.0000158	0.00807	0.0392	0.269	0.0389	0.0000211	97.3	0.0000746	0.00546	0.000654	0.00383	0.0231	0.0000158	28.8	43.1	0.435	0.0049	565	0.0341	1.35	0.000109	0.00127

Appendix D.2-20: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	556	0.0347	0.09	0.00455	350	0.0374	33.3	0.00192	0.000362	0.00000495	0.00393	0.00927	0.146	0.0185	0.00000957	0.186	0.0000134	0.00321	0.000288	0.000742	0.00894	0.00000369	5.04	1.45	0.0194	0.00237	152	0.00922	0.00398	0.0000462	0.000525	0.000369	0.481	0.0000281	0.00184	0.000641	0.000375	0.000491
Operation (2026-2036): Mean	2540	5.82	22.6	0.141	985	0.166	312	0.00739	0.00231	0.0000481	0.0222	0.0453	0.479	0.182	0.000749	89.4	0.0000756	0.00724	0.00134	0.0043	0.0579	0.0000165	27.5	46.8	0.454	0.0118	496	0.0399	1.2	0.000268	0.0024	0.00148	1.63	0.000133	0.00524	0.016	0.000305	0.00288
Operation (2026-2036): Max	3560	10.3	42	0.208	1280	0.245	474	0.0115	0.00919	0.00023	0.092	0.0821	1.4	0.919	0.0046	136	0.000106	0.0101	0.0046	0.00639	0.23	0.0000246	38.9	79.7	0.71	0.046	633	0.0606	4.25	0.00092	0.00833	0.00233	2.37	0.00046	0.00779	0.0919	0.00399	0.0082
2032 Nov	2830	7.95	26.5	0.162	1090	0.18	376	0.00862	0.00119	0.0000151	0.00976	0.0566	0.321	0.0479	0.0000291	119	0.0000911	0.00804	0.0008	0.00522	0.0272	0.0000181	34.5	63.8	0.603	0.00538	562	0.0479	1.15	0.000161	0.00134	0.00183	1.81	0.0000739	0.00626	0.00199	0.00375	0.00222
2032 Dec	2810	7.9	26.6	0.162	1080	0.179	374	0.00857	0.00118	0.000015	0.00971	0.0563	0.32	0.0477	0.000029	119	0.0000906	0.00799	0.000796	0.00519	0.027	0.0000181	34.3	63.4	0.6	0.00536	559	0.0477	1.17	0.00016	0.00133	0.00182	1.8	0.0000736	0.00622	0.00198	0.00373	0.00221
2033 Jan	2800	7.87	26.7	0.161	1080	0.178	372	0.00852	0.00117	0.0000149	0.00966	0.056	0.318	0.0474	0.0000288	118	0.0000901	0.00795	0.000792	0.00516	0.0269	0.000018	34.2	63.1	0.597	0.00533	556	0.0474	1.19	0.000159	0.00132	0.00181	1.79	0.0000732	0.00619	0.00197	0.00371	0.0022
2033 Feb	2790	7.83	26.8	0.16	1070	0.177	370	0.00848	0.00117	0.0000148	0.00961	0.0557	0.317	0.0472	0.0000287	118	0.0000897	0.00791	0.000788	0.00514	0.0268	0.0000179	34	62.8	0.594	0.00531	554	0.0472	1.22	0.000158	0.00132	0.0018	1.78	0.0000729	0.00616	0.00196	0.00369	0.00219
2033 Mar	2770	7.79	26.9	0.16	1070	0.176	368	0.00844	0.00116	0.0000148	0.00957	0.0555	0.315	0.047	0.0000285	117	0.0000893	0.00787	0.000784	0.00511	0.0266	0.0000178	33.9	62.5	0.591	0.00528	551	0.047	1.24	0.000158	0.00131	0.00179	1.78	0.0000725	0.00613	0.00195	0.00367	0.00218
2033 Apr	2760	7.76	27	0.159	1060	0.176	367	0.0084	0.00116	0.0000147	0.00952	0.0552	0.314	0.0468	0.0000284	117	0.0000889	0.00784	0.000781	0.00509	0.0265	0.0000177	33.7	62.2	0.589	0.00526	548	0.0468	1.26	0.000157	0.0013	0.00178	1.77	0.0000722	0.0061	0.00194	0.00366	0.00217
2033 May	2750	7.67	27	0.164	1060	0.18	365	0.00823	0.00115	0.0000147	0.00948	0.0553	0.315	0.0467	0.0000281	115	0.0000888	0.00778	0.000773	0.00505	0.0265	0.0000177	33.5	61.4	0.589	0.00525	548	0.0462	1.27	0.000157	0.00129	0.00175	1.81	0.0000749	0.00604	0.00192	0.00366	0.00218
2033 Jun	2680	7.58	26.1	0.166	1030	0.182	359	0.00812	0.00116	0.0000147	0.0095	0.0556	0.313	0.0475	0.0000282	115	0.0000885	0.00771	0.000776	0.00501	0.0288	0.0000175	33.2	60.6	0.591	0.00521	541	0.0454	1.16	0.000177	0.00127	0.00173	1.84	0.0000777	0.00596	0.00192	0.0037	0.00214
2033 Jul	2710	7.53	25.6	0.162	1030	0.181	362	0.00809	0.00116	0.0000146	0.00963	0.0553	0.316	0.0475	0.0000281	114	0.000089	0.00771	0.000784	0.00506	0.0293	0.000018	33.1	60.7	0.587	0.00525	535	0.046	1.13	0.000181	0.0013	0.00174	1.8	0.0000752	0.006	0.00194	0.0037	0.00206
2033 Aug	2750	7.7	26	0.162	1040	0.182	368	0.00831	0.00117	0.0000147	0.00975	0.0562	0.32	0.0482	0.0000286	116	0.0000902	0.00787	0.000798	0.00516	0.0294	0.0000183	33.6	62.1	0.597	0.00532	542	0.047	1.14	0.000182	0.00132	0.00178	1.81	0.0000749	0.00613	0.00198	0.00373	0.00205
2033 Sep	2790	7.87	26.3	0.162	1050	0.183	376	0.00851	0.00119	0.0000149	0.00987	0.0569	0.325	0.0488	0.0000291	118	0.0000917	0.00806	0.000813	0.00527	0.0294	0.0000186	34.2	63.6	0.606	0.00541	548	0.0482	1.13	0.000183	0.00134	0.00183	1.81	0.0000746	0.00627	0.00202	0.00376	0.00203
2033 Oct	2820	7.99	26.5	0.163	1060	0.184	380	0.00864	0.0012	0.000015	0.00993	0.0572	0.328	0.0492	0.0000294	120	0.0000926	0.0082	0.000823	0.00534	0.0292	0.0000186	34.6	64.6	0.613	0.00547	553	0.0488	1.12	0.000183	0.00136	0.00186	1.81	0.0000747	0.00635	0.00204	0.00378	0.00201
2033 Nov	2810	7.96	26.6	0.163	1050	0.183	378	0.0086	0.00119	0.0000149	0.00989	0.057	0.327	0.049	0.0000293	119	0.0000922	0.00816	0.000819	0.00532	0.0291	0.0000186	34.5	64.3	0.611	0.00545	551	0.0486	1.14	0.000182	0.00135	0.00185	1.81	0.0000745	0.00632	0.00203	0.00376	0.00201
2033 Dec	2800	7.93	26.7	0.162	1050	0.183	377	0.00857	0.00119	0.0000149	0.00985	0.0568	0.326	0.0488	0.0000292	119	0.0000918	0.00813	0.000816	0.0053	0.029	0.0000185	34.4	64.1	0.609	0.00543	549	0.0484	1.16	0.000181	0.00135	0.00184	1.8	0.0000742	0.0063	0.00203	0.00375	0.002
2034 Jan	2790	7.9	26.7	0.162	1040	0.182	375	0.00854	0.00118	0.0000148	0.00981	0.0566	0.324	0.0486	0.0000291	119	0.0000915	0.00809	0.000813	0.00528	0.0289	0.0000184	34.2	63.8	0.606	0.00541	547	0.0482	1.18	0.00018	0.00134	0.00183	1.79	0.0000739	0.00627	0.00202	0.00373	0.00199
2034 Feb	2780	7.87	26.8	0.161	1040	0.181	374	0.0085	0.00118	0.0000147	0.00978	0.0563	0.323	0.0484	0.000029	118	0.0000911	0.00806	0.00081	0.00526	0.0288	0.0000184	34.1	63.6	0.604	0.00539	545	0.0481	1.2	0.00018	0.00133	0.00183	1.79	0.0000736	0.00625	0.00201	0.00372	0.00198
2034 Mar	2770	7.84	26.9	0.161	1040	0.181	373	0.00847	0.00117	0.0000147	0.00974	0.0561	0.322	0.0483	0.0000288	118	0.0000908	0.00803	0.000807	0.00524	0.0287	0.0000183	34	63.3	0.601	0.00537	543	0.0479	1.22	0.000179	0.00133	0.00182	1.78	0.0000734	0.00622	0.002	0.00371	0.00198
2034 Apr	2760	7.81	27	0.16	1030	0.18	371	0.00844	0.00117	0.0000146	0.0097	0.0559	0.321	0.0481	0.0000287	117	0.0000904	0.008	0.000804	0.00522	0.0286	0.0000182	33.8	63.1	0.599	0.00535	541	0.0477	1.24	0.000178	0.00132	0.00181	1.77	0.0000731	0.0062	0.00199	0.00369	0.00197
2034 May	2740	7.73	26.9	0.164	1030	0.183	369	0.0083	0.00116	0.0000146	0.00966	0.0554	0.321	0.048	0.0000285	116	0.0000904	0.00795	0.000796	0.00518	0.0284	0.0000181	33.7	62.4	0.6	0.00532	540	0.0472	1.24	0.000177	0.00131	0.00179	1.81	0.0000757	0.00615	0.00197	0.0037	0.00199
2034 Jun	2750	8.11	27.1	0.17	1040	0.187	375	0.00875	0.00122	0.0000152	0.00983	0.0574	0.326	0.05	0.0000299	120	0.0000923	0.00822	0.000821	0.0053	0.0301	0.0000179	34.9	64.9	0.629	0.0054	555	0.0482	1.16	0.000194	0.00131	0.00185	1.88	0.0000806	0.00634	0.00203	0.00382	0.00202
2034 Jul	2770	7.98	26.6	0.166	1030	0.187	376	0.00861	0.00121	0.000015	0.0099	0.0568	0.327	0.0498	0.0000296	119	0.0000924	0.00817	0.000822	0.00532	0.0304	0.0000184	34.5	64.3	0.621	0.00542	547	0.0484	1.13	0.000194	0.00133	0.00184	1.85	0.0000783	0.00632	0.00203	0.0038	0.00196
2034 Aug	2800	8.13	26.9	0.166	1040	0.187	381	0.00881	0.00122	0.0000151	0.01	0.0576	0.331	0.0504	0.00003	121	0.0000935	0.00832	0.000835	0.0054	0.0305	0.0000185	35.1	65.6	0.629	0.00548	554	0.0493	1.14	0.000196	0.00135	0.00188	1.86	0.0000782	0.00644	0.00207	0.00383	0.00196
2034 Sep	2830	8.22	27.1	0.167	1050	0.189	386	0.0089	0.00123	0.0000152	0.0101	0.0579	0.335	0.0507	0.0000303	123	0.0000945	0.00844	0.000844	0.00547	0.0304	0.0000188	35.4	66.4	0.634	0.00555	558	0.05	1.13	0.000195	0.00137	0.0019	1.86	0.000078	0.00652	0.00209	0.00385	0.00195
2034 Oct	2850	8.26	27.1	0.168	1050	0.19	389	0.00893	0.00123	0.0000153	0.0101	0.058	0.338	0.051	0.0000304	123	0.0000952	0.00852	0.000851	0.00553	0.0303	0.0000189	35.6	66.9	0.638	0.00559	560	0.0504	1.12	0.000195	0.00138	0.00192	1.86	0.000078	0.00656	0.00211	0.00386	0.00194
2034 Nov	2840	8.24	27.2	0.167	1050	0.19	387	0.0089	0.00122	0.0000152	0.0101	0.0578	0.337	0.0508	0.0000303	123	0.0000949	0.0085	0.000848	0.00551	0.0302	0.0000189	35.5	66.7	0.636	0.00558	558	0.0502	1.14	0.000194	0.00137	0.00191	1.86	0.0000778	0.00654	0.0021	0.00385	0.00193
2034 Dec	2830	8.21	27.2	0.167	1050	0.189	386	0.00887	0.00122	0.0000152	0.0101	0.0576	0.336	0.0507	0.0000302	122	0.0000946	0.00847	0.000845	0.00549	0.0301	0.0000188	35.4	66.4	0.634	0.00556	557	0.05	1.15	0.000193	0.00137	0.00191	1.85	0.0000776	0.00652	0.00209	0.00384	0.00193
2035 Jan	2820	8.19	27.3	0.166	1040	0.188	385	0.00884	0.00122	0.0000151	0.01	0.0574	0.334	0.0505	0.0000301	122	0.0000943	0.00844	0.000842	0.00547	0.03	0.0000188	35.2	66.2	0.632	0.00554	555	0.0499	1.17	0.000193	0.00136	0.00189	1.85	0.0000773	0.0065	0.00209	0.00382	0.00192
2035 Feb	2810	8.16	27.4	0.166	1040	0.188	384	0.00882	0.00121	0.0000151	0.01	0.0573	0.333	0.0503	0.00003	122	0.000094	0.00841	0.00084	0.00546	0.0299	0.0000187	35.1	66	0.63	0.00552	553	0.0497	1.19	0.000192	0.00136	0.00189	1.84	0.0000771	0.00647	0.00208	0.00381	0.00191
2035 Mar	2800	8.13	27.4	0.165	1040	0.187	382	0.00879	0.00121	0.000015	0.00998	0.0571	0.332	0.0502	0.0000299	121	0.0000937	0.00839	0.000837	0.00544	0.0298	0.0000186	35	65.8	0.628	0.00551	551	0.0496	1.2	0.000191	0.00136	0.00189	1.84	0.0000768	0.00645	0.00207	0.0038	0.00191
2035 Apr	2790	8.11	27.5	0.165	1030	0.187	381	0.00876	0.0012	0.000015	0.00995	0.0569	0.331	0.05	0.0000299	121	0.0000934	0.00836	0.000834	0.00542	0.0297	0.0000186	34.9	65.6	0.626	0.00549	550	0.0494	1.22	0.000191	0.00135	0.00188	1.83	0.0000766	0.00644	0.00207	0.00379	0.0019
2035 May	2790	8.07	27.5	0.166	1030	0.187	380	0.00871	0.0012	0.0000149	0.00993	0.0567	0.331	0.0499	0.0000297	121	0.0000933	0.00834	0.000831	0.0054	0.0296	0.0000186	34.8	65.3	0.625	0.00547	549	0.0492	1.23	0.00019	0.00135	0.00187	1.84	0.0000773	0.00641	0.00206	0.00379	0.00191
2035 Jun	2790	8.4	27.6	0.171	1040	0.19	383	0.00909	0.00126	0.0000154	0.01	0.0583	0.334	0.0513	0.0000308	124	0.0000945	0.00853	0.000842	0.00546	0.0306	0.0000181	35.9	67.3	0.649	0.00551	562	0.0498	1.14	0.000198	0.00133	0.00191	1.91	0.0000823	0.00655	0.00209	0.00389	0.00195
2035 Jul	2770	8.2	26.9	0.168	1030	0.189	380	0.00889	0.00124	0.0000152	0.0101	0.0572	0.332	0.0507	0.0000303	122	0.0000938	0.00837	0.000833	0.00541	0.0307	0.0000184	35.3	66	0.637	0.00547	551	0.0493	1.11	0.000196	0.00133	0.00188	1.88	0.0000806	0.00647	0.00207	0.00387	0.0019
2035 Aug	2780	8.21	26.9	0.167	1030	0.19	382	0.0089	0.00124	0.0000152	0.0101	0.0574	0.334	0.0508	0.0000304	122	0.0000943	0.0084	0.000837	0.00544	0.0307	0.0000186	35.3	66.2	0.637	0.00551	551	0.0496	1.11	0.000196	0.00135	0.00189	1.87	0.00008	0.0065	0.00208	0.00387	0.00189
2035 Sep	2810	8.3	27	0.168	1040	0.192	388	0.00899	0.00124	0.0000153	0.0102	0.0577	0.339	0.0513	0.0000307	124	0.0000956	0.00857	0.000849	0.00553	0.0305	0.0000189	35.7	67.1	0.644	0.00559	556	0.0504	1.1	0.000195	0.00137	0.00192	1.88	0.0000799	0.0066	0.00211	0.0039	0.00189
2035 Oct	2830	8.43	27.2	0.168	1050	0.192	391	0.00915	0.00126	0.0000154	0.0103	0.0581	0.341	0.0517	0.0000311	125	0.0000964	0.0087	0.000858	0.0056	0.0305	0.0000189	36.2	68.2	0.651	0.00563	562	0.051	1.1	0.000196	0.00138	0.00195	1.88	0.0000799	0.00668	0.00213	0.00392	0.00189
2035 Nov	2820	8.4	27.3	0.168	1040	0.191	390	0.00911	0.00125	0.0000154	0.0102	0.0579	0.34	0.0515	0.0000309	125	0.0000956	0.00866	0.000855	0.00558	0.0304	0.0000189	36	67.9	0.649	0.00561	560	0.0508	1.11	0.000195	0.00137	0.00194	1.88	0.0000797	0.00665	0.00212	0.0039	0.00188
2035 Dec	2820	8.37	27.3	0.168	1040	0.191	389	0.00908	0.00125	0.0000153	0.0102	0.0578	0.339	0.0514	0.0000309	124	0.0000957	0.00864	0.000852	0.00556	0.0303	0.0000188	35.9	67.7	0.647	0.0056	558	0.0507	1.12	0.000194	0.00137	0.00194	1.87	0.0000795	0.00663	0.00212	0.00389	0.00187
2036 Jan	2810	8.35	27.4	0.167	1040	0.19	388	0.00906	0.00124	0.0000153	0.0102	0.0576	0.338	0.0513	0.0000308	124	0.0000955	0.00861	0.00085	0.00555	0.0302	0.0000188	35.8	67.5	0.645	0.00558	557	0.0506	1.14	0.000194	0.00137	0.00193	1.87	0.0000793	0.00662	0.00211	0.00388	0.00187
2036 Feb	2800	8.33	27.4	0.167	1030	0.19	386	0.00903	0.00124	0.0000152	0.0102	0.0574	0.337	0.0511	0.0000307	124	0.0000952	0.00859	0.000848	0.00553	0.0301	0.0000187	35.7	67.3	0.643	0.00557	555	0.0504	1.15	0.000193	0.00136	0.00193	1.86	0.0000791	0.0066	0.00211	0.00387	0.00186
2036 Mar	2800	8.31	27.5	0.166	1030	0.189	385	0.00901	0.00124	0.0000152	0.0101	0.0573	0.336	0.051	0.0000306	123	0.0000949	0.00857	0.000846	0.00552	0.0301	0.0000187	35.7	67.2	0.642	0.00555	554	0.0503	1.16	0.000193	0.00136	0.00192	1.86	0.0000788	0.00658	0.0021	0.00386	0.00186
2036 Apr	2790	8.29	27.6	0.166	1030	0.189	385	0.00899	0.00123	0.0000152	0.0101	0.0572	0.335	0.0509	0.0000306	123	0.0000947	0.00855	0.000844	0.0055	0.03	0.0000186	35.6	67	0.64	0.00554	552	0.0502	1.18	0.000192	0.00136	0.00192	1.85	0.0000787	0.00657	0.0021	0.00385	0.00185
2036 May	2780	8.26	27.6	0.167	1030	0.189	384	0.00895	0.00123	0.0000151	0.0101	0.0574	0.335	0.0508	0.0000305	123	0.0000946	0.00853	0.000841	0.00549	0.0299	0.0000186	35.5	66.8	0.639	0.00553	552	0.05	1.19	0.000192	0.00135	0.00191	1.86	0.000079	0.00655	0.00209	0.00385	0.00186
2036 Jun	2830	8.67	28.1	0.169	1060	0.191	393	0.00946	0.00128	0.0000156	0.0103	0.0597	0.341	0.0522	0.0000317	128	0.0000968	0.00887	0.000864	0.00564	0.0303	0.0000186	36.9	69.8	0.664	0.00563	570	0.0516	1.15	0.000195	0.00137	0.00199	1.89	0.0000811	0.00679	0.00215	0.00394	0.00189
2036 Jul	2830	8.57	27.7	0.168	1050	0.191	392	0.00935	0.00127	0.0000155	0.0103	0.059	0.341	0.052	0.0000315	127	0.0000967	0.0088	0.00086	0.00563	0.0303	0.0000187	36.6	69.2	0.659	0.00563	564	0.0514	1.12	0.000193	0.00137	0.00198	1.89	0.0000807	0.00676	0.00214	0.00394	0.00187
2036 Aug	2850	8.7	28	0.168	1060	0.192	396	0.00952	0.00129	0.0000157	0.0104	0.0597	0.344	0.0524	0.0000319	128	0.0000975	0.00892	0.000869	0.00569	0.0304	0.0000188	37.1	70.2	0.666	0.00567	570	0.0521	1.13	0.000195	0.00138	0.00201	1.89	0.0000808	0.00685	0.00217	0.00396	0.00187
2036 Sep	2870	8.79	28.2	0.168	1060	0.192	399	0.00963	0.0013	0.0000157	0.0104	0.0601	0.346	0.0527	0.0000322	129	0.0000982	0.00901	0.000877	0.00574	0.0303	0.000019	37.4	71	0.671	0.00571	573	0.0527	1.13	0.000195	0.0014	0.00203	1.89	0.0000805	0.00692	0.00219	0.00398	0.00186
2036 Oct	2880	8.87	28.3	0.168	1070	0.192	402	0.00972	0.0013	0.0000158	0.0105	0.0604	0.348	0.053	0.0000324	130	0.0000987	0.0091	0.000883	0.00579	0.0303	0.0000191	37.6	71.7	0.675	0.00574	575	0.0531	1.13	0.000195	0.0014	0.00205	1.89	0.0000802	0.00697	0.0022	0.00399	0.00186
2036 Nov	2880	8.84	28.3	0.167	1060	0.192	401	0.00969	0.0013	0.0000158	0.0105	0.0602	0.347	0.0528	0.0000323	130	0.0000985	0.00908	0.000881	0.00577	0.0302	0.000019	37.5	71.5	0.673	0.00573	574	0.0529	1.14	0.000194	0.0014	0.00204	1.89	0.00008	0.00695	0.0022	0.00398	0.00185
2036 Dec	2870	8.82	28.4	0.167	1060	0.191	399	0.00967	0.00129	0.0000157	0.0104	0.0601	0.346	0.0527	0.0000322	130	0.0000982	0.00905	0.000878	0.00576	0.0301	0.0000189	37.4	71.3	0.671	0.00571	572	0.0528	1.15	0.000194	0.0014	0.00204	1.88	0.0000798	0.00694	0.00219	0.00397	0.00185
2037 Jan	2870	8.81	28.4	0.167	1060	0.191	399	0.00965	0.00129	0.0000157	0.0104	0.06	0.346	0.0526	0.0000322	129	0.0000981	0.00904	0.000877	0.00575	0.0301	0.0000189	37.4	71.2	0.67	0.00571	571	0.0527	1.16	0.000194	0.00139	0.00204	1.88	0.0000797	0.00693	0.00219	0.00396	0.00185
2037 Feb	2870	8.81	28.4	0.167	1060	0.191	399	0.00965	0.00129	0.0000157	0.0104	0.06	0.346	0.0526	0.0000322	129	0.0000981	0.00904	0.000877	0.00575	0.0301	0.0000189	37.4	71.2	0.67	0.00571	571	0.0527	1.16	0.000194	0.00139	0.00204	1.88	0.0000797	0.00693	0.00219	0.00396	0.00185
2037 Mar	2870	8.81	28.4	0.167	1060	0.191	399	0.00965	0.00129	0.0000157	0.0104	0.06	0.346	0.0526	0.0000322	129	0.0000981	0.00904	0.000877	0.00575	0.0301	0.0000189	37.4	71.2	0.67	0.00571	572	0.0527	1.16	0.000194	0.00139	0.00204	1.88	0.0000797	0.00693	0.00219	0.00396	0.00185
2037 Apr	2870	8.81	28.4	0.167	1060	0.191	399	0.00966	0.00129	0.0000157	0.0104	0.06	0.346	0.0526	0.0000322	129	0.0000981	0.00904	0.000877	0.00575	0.0301	0.0000189	37.4	71.2	0.671	0.00571	572	0.0527	1.16	0.000194	0.00139	0.00204	1.88	0.0000798	0.00693	0.00219	0.00396	0.00185
2037 May	2860	8.8	28.4	0.167	1060	0.191	399	0.00965	0.00129	0.0000157	0.0104	0.06	0.346	0.0526	0.0000321	129	0.000098	0.00904	0.000877	0.00575	0.0302	0.0000189	37.3	71.1	0.67	0.0057	571	0.0527	1.16	0.000194	0.00139	0.00204	1.88	0.0000797	0.00692	0.00219	0.00396	0.00185
2037 Jun	2880	9.04	28.6	0.165	1070	0.189	402	0.00998	0.00132	0.0000159	0.0105	0.0605	0.346	0.0533	0.0000328	132	0.0000986	0.0092	0.000891	0.00582	0.0307	0.0000188	38	72.9	0.681	0.00572	578	0.0535	1.14	0.0002	0.0014	0.00208	1.87	0.0000793	0.00704	0.00222	0.00399	0.00184
2037 Jul	2900	9.1	28.8	0.166	1070	0.189	404	0.0101	0.00133	0.0000016	0.0105	0.0608	0.347	0.0535	0.000033	133	0.0000099	0.00925	0.000895	0.00584	0.0308	0.0000188	38.2	73.3	0.684	0.00574	581	0.0538	1.14	0.000201	0.0014	0.0021	1.87	0.0000795	0.00708	0.00224	0.004	0.00185
2037 A

Appendix D.2-20: WES03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	556	0.0347	0.09	0.00455	350	0.0374	33.3	0.00192	0.000362	0.00000495	0.00393	0.00927	0.146	0.0185	0.00000957	0.186	0.0000134	0.00321	0.000288	0.000742	0.00894	0.00000369	5.04	1.45	0.0194	0.00237	152	0.00922	0.00398	0.0000462	0.000525	0.000369	0.481	0.0000281	0.00184	0.000641	0.000375	0.000491
Operation (2026-2036): Mean	2540	5.82	22.6	0.141	985	0.166	312	0.00739	0.00231	0.0000481	0.0222	0.0453	0.479	0.182	0.000749	89.4	0.0000756	0.00724	0.00134	0.0043	0.0579	0.0000165	27.5	46.8	0.454	0.0118	496	0.0399	1.2	0.000268	0.0024	0.00148	1.63	0.000133	0.00524	0.016	0.00305	0.00288
Operation (2026-2036): Max	3560	10.3	42	0.208	1280	0.245	474	0.0115	0.00919	0.00023	0.092	0.0821	1.4	0.919	0.0046	136	0.000106	0.0101	0.0046	0.00639	0.23	0.0000246	38.9	79.7	0.71	0.046	633	0.0606	4.25	0.00092	0.00833	0.00233	2.37	0.00046	0.00779	0.0919	0.00399	0.0082
2040 May	422	0.509	1.55	0.0126	72.3	0.0416	62.9	0.0029	0.00105	0.00000584	0.00362	0.00491	0.0401	0.0108	0.00000688	21.9	0.0000129	0.000589	0.000174	0.00118	0.0151	0.00000306	3.78	6.51	0.0526	0.000802	37.1	0.00489	0.062	0.0006633	0.000187	0.000257	0.165	0.00000613	0.000445	0.000241	0.0011	0.000162
2040 Jun	653	0.214	0.649	0.00741	47.3	0.045	67.8	0.00163	0.000954	0.00000545	0.00378	0.00252	0.0437	0.011	0.0000057	18	0.0000145	0.000355	0.000187	0.00129	0.0227	0.0000051	2.34	5.55	0.0419	0.000673	20.8	0.00615	0.03	0.000117	0.000238	0.0002	0.136	0.00000346	0.000288	0.000339	0.00114	0.0000591
2040 Jul	409	0.095	0.287	0.00419	27.9	0.0375	40.9	0.00124	0.000968	0.00000524	0.00321	0.00128	0.0268	0.00875	0.00000531	12.2	0.0000103	0.000218	0.000124	0.00109	0.0181	0.00000326	1.53	3.48	0.0222	0.000404	12	0.00388	0.0149	0.0000774	0.000147	0.000125	0.084	0.00000259	0.000156	0.000211	0.000983	0.000024
2040 Aug	317	0.0644	0.193	0.00325	22.2	0.0348	31.5	0.00115	0.000976	0.00000518	0.00309	0.000947	0.0212	0.00826	0.00000521	10.6	0.0000891	0.000166	0.000112	0.001	0.0163	0.00000257	1.31	2.83	0.0164	0.000316	9.62	0.00303	0.011	0.0000614	0.000115	0.000102	0.0687	0.00000238	0.000116	0.000168	0.000932	0.0000153
2040 Sep	272	0.0501	0.148	0.0028	19.6	0.0334	26.9	0.00111	0.000979	0.00000515	0.00307	0.000785	0.0186	0.00811	0.00000516	9.86	0.0000822	0.000129	0.000111	0.000947	0.015	0.00000221	1.23	2.53	0.0137	0.000274	8.55	0.00259	0.00926	0.0000522	0.0000987	0.0000904	0.0622	0.00000228	0.0000963	0.000144	0.000907	0.0000112
2040 Oct	250	0.045	0.132	0.00262	18.5	0.0328	24.8	0.00109	0.000981	0.00000514	0.00305	0.000723	0.0173	0.00806	0.00000514	9.57	0.0000792	0.000116	0.000111	0.00093	0.0146	0.00000205	1.2	2.4	0.0125	0.000256	8.14	0.00239	0.0087	0.0000511	0.0000914	0.0000855	0.0594	0.00000224	0.0000882	0.000135	0.000897	0.00000989
2040 Nov	251	0.045	0.132	0.00262	18.5	0.0328	24.8	0.00109	0.000981	0.00000514	0.00305	0.000724	0.0174	0.00806	0.00000515	9.58	0.0000793	0.000116	0.00011	0.00093	0.0146	0.00000205	1.2	2.4	0.0125	0.000256	8.15	0.00239	0.00871	0.0000511	0.0000916	0.0000856	0.0594	0.00000224	0.0000883	0.000135	0.000897	0.00000989
2040 Dec	251	0.045	0.132	0.00262	18.5	0.0328	24.8	0.00109	0.000981	0.00000514	0.00305	0.000724	0.0174	0.00806	0.00000515	9.58	0.0000793	0.000116	0.00011	0.00093	0.0146	0.00000205	1.2	2.4	0.0125	0.000256	8.15	0.00239	0.00871	0.0000511	0.0000916	0.0000856	0.0594	0.00000224	0.0000884	0.000135	0.000897	0.00000989
2041 Jan	251	0.045	0.132	0.00262	18.5	0.0328	24.8	0.00109	0.000981	0.00000514	0.00305	0.000724	0.0174	0.00806	0.00000515	9.58	0.0000793	0.000116	0.00011	0.00093	0.0146	0.00000205	1.2	2.4	0.0125	0.000256	8.15	0.00239	0.00871	0.0000512	0.0000916	0.0000856	0.0594	0.00000224	0.0000884	0.000135	0.000897	0.00000989
2041 Feb	251	0.045	0.132	0.00262	18.5	0.0328	24.8	0.00109	0.000981	0.00000514	0.00305	0.000724	0.0174	0.00806	0.00000515	9.58	0.0000793	0.000116	0.00011	0.00093	0.0146	0.00000205	1.21	2.4	0.0125	0.000256	8.15	0.00239	0.00871	0.0000512	0.0000916	0.0000856	0.0594	0.00000224	0.0000884	0.000135	0.000897	0.00000989
2041 Mar	251	0.045	0.132	0.00262	18.5	0.0328	24.8	0.00109	0.000982	0.00000514	0.00305	0.000724	0.0174	0.00806	0.00000515	9.58	0.0000793	0.000116	0.00011	0.00093	0.0146	0.00000205	1.21	2.4	0.0125	0.000256	8.15	0.00239	0.00871	0.0000512	0.0000916	0.0000856	0.0595	0.00000224	0.0000884	0.000135	0.000897	0.00000989
2041 Apr	251	0.0451	0.133	0.00262	18.5	0.0328	24.9	0.00109	0.000982	0.00000514	0.00305	0.000724	0.0174	0.00807	0.00000515	9.59	0.0000793	0.000116	0.00011	0.00093	0.0146	0.00000205	1.21	2.4	0.0125	0.000256	8.15	0.00239	0.00871	0.0000512	0.0000916	0.0000857	0.0595	0.00000224	0.0000884	0.000135	0.000897	0.0000099
2041 May	253	0.0452	0.133	0.00263	18.6	0.0329	25	0.0011	0.000982	0.00000514	0.00305	0.000726	0.0175	0.00807	0.00000515	9.61	0.0000795	0.000116	0.00011	0.000933	0.0146	0.00000206	1.21	2.41	0.0126	0.000258	8.17	0.00241	0.00872	0.0000513	0.0000922	0.000086	0.0597	0.00000225	0.0000889	0.000136	0.000898	0.0000099
2041 Jun	275	0.0426	0.126	0.00266	18.6	0.0333	26.8	0.00108	0.000976	0.00000513	0.0031	0.000722	0.0186	0.00801	0.00000513	9.67	0.0000834	0.00012	0.000109	0.000946	0.015	0.0000023	1.2	2.48	0.0129	0.000269	8.05	0.00259	0.00872	0.0000517	0.0001	0.0000881	0.0609	0.00000221	0.0000919	0.000145	0.000916	0.00000875
2041 Jul	294	0.0383	0.114	0.00265	18.3	0.0338	28.2	0.00105	0.00097	0.00000512	0.00309	0.000697	0.0194	0.00786	0.0000051	9.61	0.0000853	0.000124	0.000106	0.000962	0.0151	0.00000243	1.17	2.52	0.0129	0.000277	7.8	0.00275	0.00816	0.0000515	0.000106	0.0000893	0.0612	0.00000216	0.0000931	0.000149	0.00092	0.0000711
2041 Aug	264	0.0339	0.0998	0.00246	17.1	0.033	25.4	0.00105	0.000977	0.00000512	0.00306	0.000638	0.0177	0.00782	0.0000051	9.27	0.0000814	0.000116	0.000104	0.000939	0.0148	0.00000222	1.13	2.36	0.0117	0.000254	7.37	0.0025	0.00761	0.0000488	0.0000961	0.0000838	0.0575	0.00000214	0.0000839	0.000139	0.000908	0.0000668
2041 Sep	244	0.0306	0.0894	0.00232	16.3	0.0324	23.5	0.00104	0.00098	0.00000512	0.00305	0.000594	0.0166	0.0078	0.00000509	9.06	0.0000785	0.000104	0.000104	0.000918	0.0144	0.00000206	1.11	2.25	0.0108	0.000238	7.08	0.00231	0.00719	0.0000461	0.0000893	0.0000798	0.0552	0.00000213	0.0000773	0.00013	0.000898	0.0000053
2041 Oct	236	0.0293	0.0851	0.00226	16	0.0322	22.8	0.00104	0.00098	0.00000511	0.00304	0.000576	0.0162	0.0078	0.00000509	8.97	0.0000774	0.00009985	0.000104	0.000912	0.0142	0.000002	1.11	2.21	0.0104	0.000232	6.97	0.00224	0.00703	0.0000458	0.0000867	0.0000782	0.0544	0.00000212	0.0000748	0.000126	0.000893	0.00000497
2041 Nov	237	0.0293	0.0852	0.00226	16	0.0322	22.9	0.00104	0.00098	0.00000511	0.00304	0.000577	0.0162	0.0078	0.00000509	8.98	0.0000774	0.00009986	0.000104	0.000912	0.0142	0.000002	1.11	2.21	0.0105	0.000232	6.97	0.00224	0.00704	0.0000459	0.0000869	0.0000783	0.0545	0.00000212	0.0000749	0.000126	0.000894	0.00000497
2041 Dec	237	0.0293	0.0852	0.00226	16	0.0322	22.9	0.00104	0.00098	0.00000511	0.00304	0.000577	0.0162	0.0078	0.00000509	8.98	0.0000774	0.00009986	0.000104	0.000912	0.0142	0.000002	1.11	2.21	0.0105	0.000232	6.97	0.00224	0.00704	0.0000459	0.0000869	0.0000783	0.0545	0.00000212	0.0000749	0.000126	0.000894	0.00000497
2042 Jan	237	0.0293	0.0852	0.00226	16	0.0322	22.9	0.00104	0.00098	0.00000511	0.00304	0.000577	0.0162	0.0078	0.00000509	8.98	0.0000774	0.00009986	0.000104	0.000912	0.0142	0.000002	1.11	2.21	0.0105	0.000232	6.97	0.00224	0.00704	0.0000459	0.0000869	0.0000783	0.0545	0.00000212	0.0000749	0.000126	0.000894	0.00000497
2042 Feb	237	0.0293	0.0852	0.00226	16	0.0322	22.9	0.00104	0.00098	0.00000511	0.00304	0.000577	0.0162	0.0078	0.00000509	8.98	0.0000774	0.00009986	0.000104	0.000912	0.0142	0.000002	1.11	2.21	0.0105	0.000232	6.97	0.00224	0.00704	0.0000459	0.0000869	0.0000783	0.0545	0.00000212	0.0000749	0.000126	0.000894	0.00000497
2042 Mar	237	0.0293	0.0852	0.00226	16	0.0322	22.9	0.00104	0.00098	0.00000511	0.00304	0.000577	0.0162	0.0078	0.00000509	8.98	0.0000774	0.00009986	0.000104	0.000912	0.0142	0.000002	1.11	2.21	0.0105	0.000232	6.97	0.00224	0.00704	0.0000459	0.0000869	0.0000783	0.0545	0.00000212	0.0000749	0.000126	0.000894	0.00000497
2042 Apr	237	0.0293	0.0852	0.00226	16	0.0323	22.9	0.00104	0.00098	0.00000511	0.00304	0.000577	0.0162	0.0078	0.00000509	8.99	0.0000775	0.00009987	0.000104	0.000913	0.0142	0.000002	1.11	2.21	0.0105	0.000233	6.97	0.00224	0.00705	0.0000459	0.0000869	0.0000783	0.0545	0.00000212	0.0000749	0.000126	0.000894	0.00000497
2042 May	238	0.0294	0.0854	0.00227	16.1	0.0323	23	0.00104	0.00098	0.00000512	0.00305	0.000579	0.0163	0.00782	0.0000051	9.01	0.0000777	0.00009989	0.000104	0.000914	0.0142	0.00000201	1.11	2.22	0.0105	0.000233	6.99	0.00225	0.00706	0.0000462	0.0000872	0.0000786	0.0547	0.00000212	0.0000752	0.000127	0.000896	0.0000498
2042 Jun	242	0.0286	0.0833	0.00227	15.9	0.0324	23.3	0.00103	0.000979	0.00000511	0.00306	0.000576	0.0165	0.00779	0.00000509	8.99	0.0000786	0.0000101	0.000103	0.000917	0.0144	0.00000208	1.1	2.22	0.0106	0.000235	6.91	0.00229	0.00709	0.0000464	0.0000892	0.0000788	0.0547	0.00000211	0.0000757	0.00013	0.0009	0.0000467
2042 Jul	238	0.0269	0.0779	0.00222	15.5	0.0322	22.8	0.00103	0.000978	0.00000511	0.00303	0.000559	0.0161	0.00772	0.00000507	8.87	0.0000778	0.0000103	0.0001	0.000916	0.0145	0.00000207	1.09	2.18	0.0103	0.00023	6.72	0.00226	0.00692	0.0000469	0.0000878	0.0000776	0.0536	0.00000209	0.0000736	0.000129	0.000898	0.0000416
2042 Aug	232	0.0254	0.0732	0.00217	15.1	0.032	22.2	0.00102	0.000977	0.00000509	0.00302	0.000542	0.0157	0.00769	0.00000506	8.78	0.0000768	0.0000101	0.0000995	0.000909	0.0144	0.00000202	1.07	2.14	0.00995	0.000226	6.57	0.0022	0.00672	0.0000454	0.0000854	0.0000762	0.0527	0.00000208	0.0000714	0.000125	0.000892	0.0000376
2042 Sep	222	0.024	0.0687	0.0021	14.7	0.0317	21.3	0.00102	0.000978	0.00000508	0.00302	0.000522	0.0152	0.00769	0.00000505	8.69	0.0000753	0.00009939	0.0001	0.000897	0.0141	0.00000195	1.06	2.09	0.00954	0.000218	6.44	0.00211	0.00654	0.0000438	0.0000821	0.0000743	0.0517	0.00000207	0.0000683	0.000121	0.000886	0.0000343
2042 Oct	218	0.0234	0.0666	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00301	0.000513	0.015	0.00769	0.00000505	8.65	0.0000747	0.0000909	0.0001	0.000894	0.014	0.00000191	1.06	2.07	0.00935	0.000215	6.39	0.00207	0.00647	0.0000437	0.0000807	0.0000735	0.0513	0.00000207	0.000067	0.000119	0.000883	0.0000329
2042 Nov	218	0.0235	0.0667	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00301	0.000513	0.015	0.00769	0.00000505	8.65	0.0000747	0.0000091	0.0001	0.000894	0.014	0.00000191	1.06	2.07	0.00935	0.000215	6.39	0.00208	0.00647	0.0000438	0.0000807	0.0000735	0.0513	0.00000207	0.000067	0.000119	0.000884	0.0000329
2042 Dec	218	0.0235	0.0667	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00302	0.000513	0.015	0.00769	0.00000505	8.65	0.0000747	0.0000091	0.0001	0.000894	0.014	0.00000191	1.06	2.07	0.00935	0.000215	6.39	0.00208	0.00647	0.0000438	0.0000807	0.0000735	0.0513	0.00000207	0.000067	0.000119	0.000884	0.0000329
2043 Jan	218	0.0235	0.0667	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00302	0.000513	0.015	0.00769	0.00000505	8.65	0.0000747	0.0000091	0.0001	0.000894	0.014	0.00000191	1.06	2.07	0.00935	0.000215	6.39	0.00208	0.00647	0.0000438	0.0000807	0.0000735	0.0513	0.00000207	0.000067	0.000119	0.000884	0.0000329
2043 Feb	218	0.0235	0.0667	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00302	0.000513	0.015	0.00769	0.00000505	8.65	0.0000747	0.0000091	0.0001	0.000894	0.014	0.00000191	1.06	2.07	0.00935	0.000215	6.39	0.00208	0.00647	0.0000438	0.0000807	0.0000735	0.0513	0.00000207	0.000067	0.000119	0.000884	0.0000329
2043 Mar	218	0.0235	0.0667	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00302	0.000513	0.015	0.00769	0.00000505	8.65	0.0000747	0.0000091	0.0001	0.000894	0.014	0.00000191	1.06	2.07	0.00935	0.000215	6.39	0.00208	0.00647	0.0000438	0.0000807	0.0000735	0.0513	0.00000207	0.000067	0.000119	0.000884	0.0000329
2043 Apr	218	0.0235	0.0667	0.00207	14.6	0.0316	20.9	0.00102	0.000978	0.00000508	0.00302	0.000513	0.015	0.0077	0.00000505	8.65	0.0000748	0.0000091	0.0001	0.000894	0.014	0.00000191	1.06	2.08	0.00936	0.000216	6.39	0.00208	0.00648	0.0000438	0.0000807	0.0000735	0.0513	0.00000207	0.0000671	0.000119	0.000884	0.0000329
2043 May	219	0.0235	0.0668	0.00208	14.6	0.0317	21	0.00102	0.000979	0.00000509	0.00302	0.000515	0.0151	0.00771	0.00000506	8.67	0.0000749	0.0000913	0.0001001	0.000896	0.0141	0.00000192	1.06	2.08	0.0094	0.000216	6.4	0.00208	0.00649	0.0000444	0.0000881	0.0000737	0.0515	0.00000207	0.0000673	0.00012	0.000885	0.0000329
2043 Jun	222	0.0234	0.066	0.00208	14.6	0.0317	21.2	0.00101	0.000977	0.00000508	0.00303	0.000519	0.0152	0.0078	0.00000505	8.75	0.0000758	0.00009941	0.000102	0.0009	0.0145	0.00000198	1.06	2.1	0.00981	0.000218	6.37	0.00211	0.00664	0.0000474	0.0000827	0.0000743	0.052	0.00000206	0.0000678	0.000125	0.000889	0.0000314
2043 Jul	212	0.0223	0.0624	0.00203	14.2	0.0315	20.3	0.00101	0.000981	0.00000509	0.00301	0.000504	0.0146	0.00777	0.00000506	8.64	0.0000746	0.0000952	0.0000995	0.000898	0.0145	0.00000192	1.05	2.04	0.00943	0.000211	6.24	0.00204	0.00651	0.0000477	0.0000795	0.0000726	0.0507	0.00000207	0.0000651	0.000122	0.000887	0.0000292
2043 Aug	202	0.0212	0.0589	0.00197	13.8	0.0313	19.4	0.00102	0.000985	0.0000051	0.003	0.000488	0.014	0.00777	0.00000507	8.54	0.0000733	0.0000931	0.0000985	0.000891	0.0144	0.00000185	1.04	1.99	0.00904	0.000203	6.12	0.00195	0.00637	0.0000468	0.0000762	0.0000709	0.0495	0.00000207	0.0000623	0.000119	0.000884	0.0000273
2043 Sep	193	0.0203	0.0558	0.00192	13.5	0.031	18.6	0.00102	0.000986	0.00000509	0.003	0.000473	0.0135	0.00776	0.00000507	8.46	0.0000721	0.0000882	0.0000987	0.000881	0.0142	0.00000177	1.03	1.95	0.00868	0.000196	6.03	0.00187	0.00625	0.0000455	0.0000732	0.0000692	0.0486	0.00000206	0.0000597	0.000115	0.000888	0.0000255
2043 Oct	188	0.0199	0.0543	0.00189	13.4	0.0309	18.1	0.00101	0.000986	0.00000509	0.003	0.000465	0.0133	0.00776	0.00000506	8.42	0.0000715	0.0000859	0.0000987	0.000877	0.0142	0.00000174	1.03	1.92	0.0085	0.000193	5.98	0.00182	0.00622	0.0000454	0.0000717	0.0000684	0.0482	0.00000206	0.0000584	0.000113	0.000877	0.0000247
2043 Nov	188	0.02	0.0543	0.00189	13.4	0.0309	18.2	0.00101	0.000986	0.00000509	0.003	0.000466	0.0133	0.00777	0.00000506	8.42	0.00000715	0.0000859	0.0000987	0.000877	0.0142	0.00000175	1.03	1.93	0.0085	0.000193	5.98	0.00183	0.00625	0.0000454	0.0000717	0.0000684	0.0482	0.00000206	0.0000585	0.000113	0.000877	0.00000247
2043 Dec	188	0.02	0.0543	0.00189	13.4	0.0309	18.2	0.00101	0.000986	0.00000509	0.003	0.000466	0.0133	0.00777	0.00000506	8.42	0.00000716	0.0000859	0.0000987	0.000877	0.0142	0.00000175	1.03	1.93	0.00851	0.000193	5.98	0.00183	0.00625	0.0000454	0.0000717	0.0000684	0.0482	0.00000206	0.0000585	0.000113	0.000877	0.00000247

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
Active Closure (2037-2043): Min	870	0.0961	0.361	0.011	57.9	0.0399	48.4	0.000445	0.000445	0.00000542	0.00367	0.000731	0.0322	0.00774	0.00000051	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.00000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.00216	0.0000388	0.000315	0.000163	0.133	0.00000172	0.0002	0.000301	0.00106	
Active Closure (2037-2043): Mean	1480	0.162	0.619	0.0183	116	0.05	81.1	0.000875	0.000875	0.00000573	0.00436	0.00125	0.0527	0.00802	0.00000519	13.4	0.0000216	0.000148	0.000201	0.00193	0.0142	0.00000873	2.23	5.16	0.0432	0.000985	36.2	0.0123	0.00396	0.0000396	0.000529	0.000253	0.208	0.00000197	0.000334	0.000477	0.00124	
Active Closure (2037-2043): Max	7840	0.848	3.3	0.0936	677	0.153	420	0.000904	0.000904	0.00000867	0.0114	0.00719	0.266	0.0107	0.00000576	42.5	0.0000937	0.000539	0.000731	0.00699	0.0194	0.0000441	8.17	23	0.221	0.00496	203	0.0638	0.00415	0.0000474	0.00275	0.00118	0.987	0.00000201	0.00173	0.00229	0.00314	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	919	0.101	0.381	0.0116	59.5	0.041	51	0.00062	0.00062	0.00000549	0.00376	0.000763	0.0339	0.00782	0.00000515	10.8	0.0000152	0.000112	0.000155	0.00148	0.0137	0.00000559	1.71	3.59	0.0275	0.000633	19.5	0.0077	0.00375	0.0000394	0.000332	0.000171	0.139	0.00000199	0.000211	0.000316	0.00108	
Post Closure (2044-2099): Mean	2480	0.27	1.04	0.0302	108	0.0678	135	0.000753	0.000753	0.00000649	0.00563	0.00169	0.0864	0.00889	0.00000558	18.4	0.0000332	0.000212	0.000289	0.00277	0.0158	0.0000143	3.21	8.02	0.0712	0.00161	33.8	0.0204	0.00394	0.0000418	0.000878	0.0004	0.332	0.00000206	0.000554	0.000764	0.00159	
Post Closure (2044-2099): Max	3950	0.428	1.66	0.0476	154	0.0932	213	0.000905	0.000905	0.00000748	0.00742	0.00256	0.136	0.00996	0.00000604	25.5	0.0000501	0.000306	0.000416	0.00398	0.0178	0.0000225	4.64	12.2	0.112	0.00253	47.3	0.0323	0.00418	0.0000444	0.00139	0.000616	0.513	0.00000215	0.000875	0.00119	0.00208	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
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Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2032 Jun																																						
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2033 May	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.0143	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
2033 Jun	6360	0.9	3.5	0.0994	728	0.124	341			0.00000703	0.00923	0.0108	0.215	0.00865	0.00000468	34.5	0.000076	0.000437	0.000593	0.00567	0.0158	0.0000358	6.63	18.6	0.179	0.00403	218	0.0517	0.00179	0.0000321	0.00223	0.000956	0.801	0.00000142	0.0014	0.00186	0.00255	
2033 Jul	7410	1.05	4.08	0.116	847	0.145	397			0.00000819	0.0107	0.0104	0.251	0.0101	0.00000545	40.2	0.0000885	0.000509	0.000691	0.00661	0.0184	0.0000417	7.72	21.7	0.208	0.00469	254	0.0603	0.00208	0.0000374	0.00259	0.00111	0.932	0.00000166	0.00163	0.00216	0.00297	
2033 Aug	7810	1.11	4.3	0.122	894	0.153	419			0.00000864	0.0113	0.0119	0.265	0.0106	0.00000574	42.4	0.0000934	0.000537	0.000729	0.00697	0.0194	0.000044	8.14	22.9	0.22	0.00494	268	0.0635	0.0022	0.0000395	0.00274	0.00117	0.983	0.00000175	0.00172	0.00228	0.00313	
2033 Sep	7690	1.09	4.23	0.12	879	0.15	412			0.0000085	0.0112	0.00873	0.26	0.0105	0.00000565	41.7	0.0000919	0.000529	0.000717	0.00686	0.0191	0.0000432	8.01	22.5	0.216	0.00487	264	0.0625	0.00216	0.0000388	0.00269	0.00116	0.968	0.00000172	0.00169	0.00224	0.00308	
2033 Oct	7460	1.06	4.1	0.117	853	0.146	400			0.00000825	0.0108	0.00594	0.253	0.0101	0.00000548	40.5	0.0000891	0.000513	0.000696	0.00665	0.0185	0.000042	7.78	21.9	0.21	0.00472	256	0.0607	0.0021	0.0000377	0.00261	0.00112	0.939	0.00000167	0.00164	0.00218	0.00299	
2033 Nov	7480	1.06	4.12	0.117	856	0.146	401			0.00000827	0.0109	0.00584	0.253	0.0102	0.0000055	40.6	0.0000894	0.000515	0.000698	0.00667	0.0186	0.0000421	7.8	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00112	0.942	0.00000167	0.00165	0.00218	0.003	
2033 Dec	7490	1.06	4.12	0.117	856	0.146	401			0.00000828	0.0109	0.00585	0.254	0.0102	0.0000055	40.6	0.0000895	0.000515	0.000698	0.00668	0.0186	0.0000421	7.8	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.942	0.00000167	0.00165	0.00219	0.003	
2034 Jan	7490	1.06	4.12	0.117	856	0.146	401			0.00000828	0.0109	0.00585	0.254	0.0102	0.0000055	40.6	0.0000895	0.000515	0.000698	0.00668	0.0186	0.0000421	7.8	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.942	0.00000167	0.00165	0.00219	0.003	
2034 Feb	7490	1.06	4.12	0.117	856	0.146	401			0.00000828	0.0109	0.00585	0.254	0.0102	0.0000055	40.6	0.0000895	0.000515	0.000698	0.00668	0.0186	0.0000421	7.81	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.943	0.00000167	0.00165	0.00219	0.003	
2034 Mar	7490	1.06	4.12	0.117	857	0.146	401			0.00000828	0.0109	0.00585	0.254	0.0102	0.0000055	40.6	0.0000895	0.000515	0.000699	0.00668	0.0186	0.0000421	7.81	21.9	0.211	0.00474	257	0.0609	0.00211	0.0000378	0.00262	0.00113	0.943	0.00000167	0.00165	0.00219	0.003	
2034 Apr	7530	1.07	4.14	0.118	861	0.147	404			0.00000832	0.0109	0.00588	0.255	0.0102	0.00000554	40.8	0.00009	0.000518	0.000702	0.00671	0.0187	0.0000424	7.85	22.1	0.212	0.00477	258	0.0612	0.00212	0.000038	0.00264	0.00113	0.948	0.00000168	0.00166	0.0022	0.00302	
2034 May	7690	1.09	4.23	0.12	880	0.15	412			0.0000085	0.0112	0.0176	0.261	0.0105	0.00000566	41.7	0.0000919	0.000529	0.000718	0.00686	0.0191	0.0000433	8.02	22.5	0.216	0.00487	264	0.0626	0.00216	0.0000389	0.00269	0.00116	0.968	0.00000172	0.0017	0.00225	0.00309	
2034 Jun	7740	1.1	4.26	0.121	885	0.151	415			0.00000855	0.0112	0.0118	0.262	0.0105	0.00000569	42	0.0000925	0.000532	0.000722	0.0069	0.0192	0.0000435	8.07	22.7	0.218	0.0049	265	0.0629	0.00218	0.0000391	0.00271	0.00116	0.974	0.00000173	0.00171	0.00226	0.0031	
2034 Jul	7890	1.12	4.34	0.123	902	0.154	423			0.00000872	0.0114	0.00902	0.267	0.0107	0.00000584	42.8	0.0000943	0.000542	0.000736	0.00703	0.0196	0.0000444	8.22	23.1	0.222	0.00499	270	0.0642	0.00222	0.0000398	0.00276	0.00119	0.993	0.00000176	0.00174	0.0023	0.00316	
2034 Aug	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.012	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2034 Sep	7820	1.11	4.3	0.122	894	0.153	419			0.00000864	0.0113	0.00886	0.265	0.0106	0.00000575	42.4	0.0000934	0.000538	0.000729	0.00697	0.0194	0.000044	8.15	22.9	0.22	0.00495	268	0.0636	0.0022	0.0000395	0.00274	0.00117	0.984	0.00000175	0.00172	0.00228	0.00314	
2034 Oct	7570	1.07	4.16	0.118	866	0.148	406			0.00000837	0.011	0.00625	0.256	0.0103	0.00000556	41.1	0.0000904	0.00052	0.000706	0.00675	0.0188	0.0000426	7.89	22.2	0.213	0.00479	259	0.0616	0.00213	0.0000382	0.00265	0.00114	0.953	0.00000169	0.00167	0.00221	0.00304	
2034 Nov	7620	1.08	4.19	0.119	871	0.149	408			0.00000842	0.0111	0.00621	0.258	0.0104	0.0000056	41.3	0.000091	0.000524	0.000711	0.00679	0.0189	0.0000429	7.94	22.3	0.214	0.00482	261	0.062	0.00214	0.0000385	0.00267	0.00114	0.959	0.0000017	0.00168	0.00222	0.00306	
2034 Dec	7630	1.08	4.19	0.119	872	0.149	409			0.00000843	0.0111	0.00622	0.258	0.0104	0.0000056	41.4	0.0000911	0.000524	0.000711	0.0068	0.0189	0.0000429	7.95	22.3	0.214	0.00482	261	0.062	0.00214	0.0000385	0.00267	0.00115	0.96	0.0000017	0.00168	0.00223	0.00306	
2035 Jan	7630	1.08	4.19	0.119	872	0.149	409			0.00000843	0.0111	0.00622	0.258	0.0104	0.00000561	41.4	0.0000911	0.000524	0.000711	0.0068	0.0189	0.0000429	7.95	22.3	0.214	0.00483	261	0.062	0.00214	0.0000385	0.00267	0.00115	0.96	0.0000017	0.00168	0.00223	0.00306	
2035 Feb	7630	1.08	4.2	0.119	872	0.149	409			0.00000843	0.0111	0.00622	0.258	0.0104	0.00000561	41.4	0.0000911	0.000524	0.000711	0.0068	0.0189	0.0000429	7.95	22.3	0.214	0.00483	261	0.062	0.00214	0.0000385	0.00267	0.00115	0.96	0.0000017	0.00168	0.00223	0.00306	
2035 Mar	7630	1.08	4.2	0.119	872	0.149	409			0.00000843	0.0111	0.00622	0.258	0.0104	0.00000561	41.4	0.0000912	0.000525	0.000712	0.0068	0.0189	0.0000429	7.95	22.4	0.215	0.00483	262	0.062	0.00215	0.0000385	0.00267	0.00115	0.96	0.00000171	0.00168	0.00223	0.00306	
2035 Apr	7680	1.09	4.23	0.12	879	0.15	412			0.00000849	0.0111	0.00626	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000717	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	263	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	
2035 May	7950	1.12	4.35	0.124	904	0.155	426			0.00000878	0.0115	0.0161	0.269	0.0108	0.00000584	43.1	0.0000949	0.000546	0.000741	0.00708	0.0197	0.0000447	8.28	23.3	0.223	0.00503	271	0.0646	0.00223	0.0000401	0.00278	0.00119	1	0.00000178	0.00175	0.00232	0.00319	
2035 Jun	7680	0.984	3.83	0.109	796	0.15	412			0.00000849	0.0111	0.0121	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000716	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	238	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	
2035 Jul	7730	0.961	3.74	0.106	777	0.151	414			0.00000855	0.0112	0.00953	0.262	0.0105	0.00000568	41.9	0.0000924	0.000532	0.000721	0.00689	0.0192	0.0000435	8.06	22.7	0.217	0.00489	233	0.0629	0.00217	0.000039	0.00271	0.00116	0.973	0.00000173	0.0017	0.00226	0.0031	
2035 Aug	7880	0.977	3.8	0.108	789	0.154	422			0.00000871	0.0114	0.00945	0.267	0.0107	0.00000579	42.7	0.0000941	0.000542	0.000735	0.00703	0.0195	0.0000443	8.21	23.1	0.222	0.00499	237	0.0641	0.00222	0.0000398	0.00276	0.00118	0.992	0.00000176	0.00174	0.0023	0.00316	
2035 Sep	7690	0.951	3.7	0.105	769	0.15	412			0.0000085	0.0112	0.00755	0.26	0.0105	0.00000565	41.7	0.0000918	0.000529	0.000717	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	230	0.0625	0.00216	0.0000388	0.00269	0.00116	0.968	0.00000172	0.00169	0.00224	0.00308	
2035 Oct	7680	0.95	3.69	0.105	768	0.15	412			0.00000849	0.0111	0.00737	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000717	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	230	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	
2035 Nov	7600	0.941	3.66	0.104	760	0.149	408			0.00000841	0.011	0.0064	0.258	0.0103	0.00000559	41.2	0.0000909	0.000523	0.000709	0.00678	0.0189	0.0000428	7.93	22.3	0.214	0.00481	228	0.0618	0.00214	0.0000384	0.00266	0.00114	0.957	0.0000017	0.00168	0.00222	0.00305	
2035 Dec	7610	0.941	3.66	0.104	761	0.149	408			0.00000841	0.011	0.0064	0.258	0.0103	0.00000559	41.3	0.0000909	0.000523	0.00071	0.00678	0.0189	0.0000428	7.93	22.3	0.214	0.00481	228	0.0619	0.00214	0.0000384	0.00266	0.00114	0.958	0.0000017	0.00168	0.00222	0.00305	
2036 Jan	7610	0.941	3.66	0.104	761	0.149	408			0.00000841	0.011	0.0064	0.258	0.0103	0.00000559	41.3	0.0000909	0.000523	0.00071	0.00678	0.0189	0.0000428	7.93	22.3	0.214	0.00481	228	0.0619	0.00214	0.0000384	0.00266	0.00114	0.958	0.0000017	0.00168	0.00222	0.00305	
2036 Feb	7610	0.941	3.66	0.104	761	0.149	408			0.00000841	0.011	0.0064	0.258	0.0103	0.00000559	41.3	0.0000909	0.000523	0.00071	0.00678	0.0189	0.0000428	7.93	22.3	0.214	0.00481	228	0.0619	0.00214	0.0000384	0.00266	0.00114	0.958	0.0000017	0.00168	0.00222	0.00305	
2036 Mar	7610	0.941	3.66	0.104	761	0.149	408			0.00000841	0.011	0.0064	0.258	0.0103	0.00000559	41.3	0.0000909	0.000523	0.00071	0.00678	0.0189	0.0000428	7.93	22.3	0.214	0.00481	228	0.0619	0.00214	0.0000384	0.00266	0.00114	0.958	0.0000017	0.00168	0.00222	0.00305	
2036 Apr	7660	0.947	3.68	0.105	765	0.15	411			0.00000847	0.0111	0.0111	0.259	0.0104	0.00000563	41.5	0.0000915	0.000527	0.000715	0.00683	0.019	0.0000431	7.99	22.4	0.215	0.00485	229	0.0623	0.00215	0.0000387	0.00268	0.00115	0.964	0.00000171	0.00169	0.00224	0.00307	
2036 May	7870	0.97	3.77	0.107	784	0.154	422			0.0000087	0.0114	0.0236	0.267	0.0107	0.00000579	42.7	0.000094	0.000541	0.000734	0.00702	0.0195	0.0000443	8.2	23.1	0.221	0.00498	235	0.064	0.00221	0.0000397	0.00276	0.00118	0.991	0.00000176	0.00173	0.0023	0.00316	
2036 Jun	7780	0.886	3.44	0.0978	716	0.152	417			0.0000086	0.0113	0.0131	0.264	0.0106	0.00000572	42.2	0.0000933	0.000535	0.000726	0.00694	0.0193	0.0000438	8.11	22.8	0.219	0.00492	215	0.0633	0.00219	0.0000393	0.00273	0.00117	0.98	0.00000174	0.00171	0.00227	0.00312	
2036 Jul	7870	0.857	3.33	0.0946	693	0.154	422			0.00000869	0.0114	0.00902	0.266	0.0107	0.00000578	42.7	0.0000934	0.000541	0.000734	0.00701	0.0195	0.0000443	8.2	23.1	0.221	0.00498	208	0.064	0.00221	0.0000397	0.00276	0.00118	0.99	0.00000176	0.00173	0.0023	0.00315	
2036 Aug	8130	0.883	3.43	0.0976	714	0.159	436			0.00000899	0.0118	0.0115	0.275	0.0111	0.00000598	44.1	0.0000972	0.000559	0.000758	0.00725	0.0202	0.0000457	8.48	23.8	0.229	0.00515	214	0.0661	0.00229	0.0000411	0.00285	0.00122	1.02	0.00000182	0.00179	0.00237	0.00326	
2036 Sep	7930	0.859	3.34	0.0948	694	0.155	425			0.00000876	0.0115	0.00984	0.268	0.0108	0.00000583	43	0.0000947	0.000545	0.00074	0.00707	0.0197	0.0000446	8.26	23.2	0.223	0.00502	208	0.0645	0.00223	0.00004	0.00278	0.00119	0.998	0.00000177	0.00175	0.00231	0.00318	
2036 Oct	7710	0.834	3.24	0.0921	674	0.151	413			0.00000852	0.0112	0.00794	0.261	0.0105	0.00000567	41.8	0.0000921	0.00053	0.000719	0.00687	0.0191	0.0000434	8.04	22.6	0.217	0.00488	202	0.0627	0.00217	0.0000389	0.0027	0.00116	0.97	0.00000172	0.0017	0.00225	0.00309	
2036 Nov	7700	0.833	3.24	0.092	673	0.151	413			0.00000851	0.0112	0.00731	0.261	0.0105	0.00000566	41.8	0.000092	0.000529	0.000718	0.00687	0.0191	0.0000433	8.03	22.6	0.217	0.00487	202	0.0626	0.00217	0.0000389	0.0027	0.00116	0.969	0.00000172	0.0017	0.00225	0.00309	
2036 Dec	7690	0.831	3.23	0.0918	672	0.15	412			0.00000849	0.0111	0.00714	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000717	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	201	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	
2037 Jan	7690	0.831	3.23	0.0918	672	0.15	412			0.00000849	0.0111	0.00714	0.26	0.0104	0.00000565	41.7	0.0000918	0.000528	0.000717	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	201	0.0625	0.00216	0.0000388	0.00269	0.00115	0.967	0.00000172	0.00169	0.00224	0.00308	
2037 Feb	7690	0.831	3.23	0.0918	672	0.15	412			0.0000085	0.0112	0.00714	0.26	0.0105	0.00000565	41.7	0.0000918	0.000529	0.000717	0.00685	0.0191	0.0000432	8.01	22.5	0.216	0.00486	201	0.0625	0.00216	0.0000388	0.00269	0.00116	0.968	0.00000172	0.00169	0.00224	0.00308	
2037 Mar	7700	0.833	3.24	0.092	673	0.151	413			0.00000851	0.0112	0.00715	0.261	0.0105	0.00000566	41.8	0.0000918	0.000529	0.000718	0.00687	0.0191	0.0000433	8.03	22.6	0.217	0.00487	202	0.0626	0.00217	0.0000389	0.0027	0.00116	0.969	0.00000172	0.0017	0.00225	0.00309	
2037 Apr	7740	0.837	3.26	0.0925	677	0.151	415			0.00000856	0.0112	0.00719	0.262	0.0105	0.00000569	42	0.0000925	0.000532	0.000722	0.0069	0.0192	0.0000435	8.07	22.7	0.218	0.0049	203	0.063	0.00218	0.0000391	0.00271	0.00116	0.974	0.00000173	0.00171	0.00226	0.0031	
2037 May	7840	0.848	3.3	0.0936	668	0.153	420			0.00000867	0.0114	0.00679	0.266	0.0107	0.00000576	42.5	0.0000937	0.000539	0.000731	0.00699	0.0194	0.0000441	8.17	23	0.221	0.00496	200	0.0638	0.00221	0.0000396	0.00275	0.00118	0.987	0.00000175	0.00173	0.00229	0.00314	
2037 Jun	4270	0.463	1.79	0.0513	342	0.0949	230	0.000445	0.000445	0.00000693	0.00733	0.00311	0.146	0.00894	0.00000536	26	0.0000531	0.000337	0.000424	0.00416	0.017	0.0000243	4.8	12.9	0.121	0.00273	103	0.0349	0.00313	0.0000438	0.00015	0.000658	0.548	0.00000184	0.000946	0.00128	0.00206	
2037 Jul	2160	0.235	0.905	0.0263	175	0.0609	117	0.000731	0.000731	0.00000602	0.00499	0.00165	0.0748	0.00809	0.00000523	16.3	0.0000293	0.00022	0.000244	0.0025	0.0158	0.0000126	2.82	7.02	0.0622	0.00141	53.7	0.0178	0.00378	0.0000474	0.000765	0.000351	0.289	0.00000194	0.000483	0.000677	0.00144	
2037 Aug	1560	0.171	0.653	0.0192	128	0.0513	85.3	0.000814	0.000814	0.00000557	0.00439	0.00124	0.0551	0.00794	0.0000052	13.6	0.0000225	0.000174	0.000199	0.00201	0.015	0.00000924	2.27	5.36	0.0456	0.00103	39.8	0.013	0.00392	0.0000427	0.000557	0.000265	0.216	0.00000197	0.000352	0.000504	0.00127	
2037 Sep	1270	0.139	0.529	0.0158	105	0.0466	69.7	0.000852	0.000852	0.00000564	0.00413	0.00104	0.0455	0.00793	0.00000518	12.4	0.0000192	0.000139	0.000182	0.00176	0.0142	0.00000756	2.02	4.56	0.0373	0.000851	33	0.0106	0.00399	0.0000388	0.000454	0.000222	0.181	0.00000198	0.000287	0.000417	0.00118	
2037 Oct	1220	0.134	0.509	0.0152	101	0.0457	67.2	0.000855	0.000855	0.00000556	0.00408	0.000996	0.044	0.00792	0.00000516	12.2	0.0000186	0.00013	0.00018	0.00172	0.0139	0.00000728	1.99	4.43	0.036	0.000822	31.8	0.0102	0.00402	0.0000392	0.000438	0.000215	0.176	0.00000198	0.000277	0.000402	0.00117	
2037 Nov	1240	0.136	0.515	0.0154	102	0.0459	67.9	0.000854	0.000854	0.00000561	0.00409	0.001	0.0445	0.00793	0.00000516	12.2	0.0000188	0.000131	0.000181	0.00173	0.0139	0.00000735	2	4.47	0.0363	0.00083	32.1	0.0103	0.00402	0.0000392	0.000442	0.000217	0.177	0.00000198	0.00028	0.000406	0.00117	
2037 Dec	1240	0.136	0.515	0.0154	102	0.046	67.9	0.000854	0.000854	0.00000561	0.00409	0.001	0.0445	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173	0.0139	0.00000735	2	4.47	0.0363	0.000831	32.1	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.00028	0.000406	0.00117	
2038 Jan	1240	0.136	0.515	0.0154	102	0.046	67.9	0.000854	0.000854	0.00000561	0.00409	0.001	0.0445	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173	0.0139	0.00000735	2	4.47	0.0363	0.000831	32.1	0.0103	0.00402	0.0000392	0.000443	0.000217	0.178	0.00000198	0.00028	0.000406	0.00117	
2038 Feb	1240	0.136	0.515	0.0154	102	0.046	67.9	0.000854	0.000854	0.00000561	0.00409	0.001	0.0445	0.00793	0.00000516	12.3	0.0000188	0.000131	0.000181	0.00173	0.0139	0.00000735	2	4.47	0.0363

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2039 Dec	1060	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000858	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159	0.0138	0.0000064	1.84	3.99	0.0316	0.000723	25.1	0.00888	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000242	0.000357	0.00112	
2040 Jan	1060	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000858	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159	0.0138	0.0000064	1.84	3.99	0.0316	0.000723	25.1	0.00888	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000242	0.000357	0.00112	
2040 Feb	1060	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000858	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159	0.0138	0.0000064	1.84	3.99	0.0316	0.000723	25.1	0.00888	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000242	0.000357	0.00112	
2040 Mar	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000876	0.000876	0.00000553	0.0039	0.000858	0.0388	0.00786	0.00000515	11.5	0.0000168	0.00012	0.000167	0.00159	0.0138	0.0000064	1.84	3.99	0.0316	0.000723	25.1	0.00888	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000242	0.000357	0.00112	
2040 Apr	1070	0.117	0.443	0.0133	78.5	0.0432	58.8	0.000877	0.000877	0.00000554	0.0039	0.000859	0.0388	0.00786	0.00000515	11.5	0.0000169	0.00012	0.000167	0.00159	0.0138	0.0000064	1.84	3.99	0.0316	0.000724	25.1	0.00889	0.00407	0.0000392	0.000383	0.000192	0.157	0.00000199	0.000243	0.000357	0.00112	
2040 May	1070	0.118	0.445	0.0134	78.8	0.0433	59.1	0.000878	0.000878	0.00000555	0.00392	0.000862	0.039	0.00788	0.00000516	11.5	0.0000169	0.000121	0.000167	0.0016	0.0138	0.0000643	1.85	4.01	0.0317	0.000727	25.2	0.00893	0.00408	0.0000393	0.000385	0.000193	0.157	0.00000199	0.000244	0.000359	0.00112	
2040 Jun	1110	0.122	0.462	0.0139	79.8	0.0438	61.2	0.000867	0.000867	0.00000554	0.00394	0.000883	0.0402	0.00785	0.00000514	11.6	0.0000173	0.000124	0.000169	0.00163	0.0138	0.00000665	1.88	4.11	0.0328	0.000751	25.5	0.00925	0.00405	0.0000395	0.000398	0.000198	0.162	0.00000198	0.000252	0.00037	0.00113	
2040 Jul	1080	0.118	0.447	0.0135	77	0.0434	59.3	0.000875	0.000875	0.00000554	0.0039	0.000863	0.039	0.00784	0.00000515	11.5	0.000017	0.000125	0.000166	0.00161	0.0139	0.00000647	1.84	4.02	0.0319	0.00073	24.6	0.00898	0.00407	0.0000403	0.000387	0.000193	0.158	0.00000199	0.000245	0.000361	0.00112	
2040 Aug	1040	0.114	0.432	0.013	74.1	0.0428	57.4	0.000883	0.000883	0.00000554	0.00387	0.000841	0.0378	0.00785	0.00000516	11.3	0.0000166	0.000123	0.000163	0.00158	0.0139	0.00000627	1.81	3.92	0.0309	0.000707	23.8	0.00868	0.00409	0.0000399	0.000374	0.000188	0.153	0.00000199	0.000237	0.000351	0.00111	
2040 Sep	1000	0.11	0.417	0.0126	71.5	0.0423	55.5	0.000888	0.000888	0.00000552	0.00384	0.000818	0.0367	0.00785	0.00000516	11.2	0.0000162	0.000118	0.000161	0.00155	0.0138	0.00000606	1.78	3.82	0.0299	0.000685	23	0.00839	0.00409	0.0000392	0.000361	0.000183	0.149	0.00000199	0.000229	0.00034	0.0011	
2040 Oct	982	0.108	0.408	0.0123	70	0.0419	54.4	0.000891	0.000891	0.00000551	0.00382	0.000805	0.036	0.00785	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153	0.0138	0.00000594	1.76	3.76	0.0293	0.000672	22.6	0.00821	0.00411	0.0000394	0.000354	0.00018	0.146	0.000002	0.000224	0.000334	0.0011	
2040 Nov	983	0.108	0.408	0.0124	70	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153	0.0138	0.00000595	1.77	3.76	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000224	0.000334	0.0011	
2040 Dec	983	0.108	0.408	0.0124	70	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153	0.0138	0.00000595	1.77	3.76	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000224	0.000334	0.0011	
2041 Jan	983	0.108	0.408	0.0124	70	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000224	0.000334	0.0011	
2041 Feb	983	0.108	0.408	0.0124	70	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000224	0.000334	0.0011	
2041 Mar	983	0.108	0.408	0.0124	70.1	0.0419	54.4	0.000891	0.000891	0.00000552	0.00382	0.000805	0.036	0.00786	0.00000516	11.1	0.0000159	0.000115	0.00016	0.00153	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000224	0.000334	0.0011	
2041 Apr	983	0.108	0.408	0.0124	70.1	0.042	54.4	0.000891	0.000891	0.00000552	0.00382	0.000806	0.036	0.00786	0.00000516	11.1	0.0000159	0.000116	0.00016	0.00153	0.0138	0.00000595	1.77	3.77	0.0293	0.000672	22.6	0.00822	0.00411	0.0000394	0.000354	0.00018	0.147	0.000002	0.000225	0.000334	0.0011	
2041 May	986	0.109	0.409	0.0124	70.2	0.042	54.6	0.000892	0.000892	0.00000553	0.00383	0.000807	0.0361	0.00787	0.00000517	11.1	0.000016	0.000116	0.00016	0.00153	0.0138	0.00000596	1.77	3.77	0.0294	0.000674	22.7	0.00824	0.00412	0.0000394	0.000355	0.00018	0.147	0.000002	0.000225	0.000335	0.0011	
2041 Jun	997	0.11	0.414	0.0125	69.9	0.0421	55.1	0.000887	0.000887	0.00000551	0.00383	0.000812	0.0365	0.00784	0.00000515	11.2	0.0000161	0.000117	0.00016	0.00154	0.0138	0.00000602	1.78	3.8	0.0297	0.000681	22.6	0.00833	0.0041	0.0000396	0.000359	0.000182	0.148	0.00000199	0.000228	0.000338	0.0011	
2041 Jul	1000	0.11	0.416	0.0126	68.8	0.042	55.3	0.00088	0.00088	0.00000548	0.00381	0.000813	0.0365	0.00778	0.00000512	11.1	0.0000161	0.000119	0.000159	0.00154	0.0138	0.00000605	1.77	3.8	0.0298	0.000683	22.2	0.00836	0.00407	0.0000399	0.00036	0.000182	0.148	0.00000198	0.000228	0.000339	0.0011	
2041 Aug	969	0.107	0.403	0.0122	66.7	0.0417	53.7	0.00089	0.00089	0.00000555	0.00379	0.000795	0.0355	0.00781	0.00000515	11	0.0000158	0.000118	0.000157	0.00152	0.0138	0.00000588	1.75	3.72	0.0289	0.000664	21.6	0.00812	0.0041	0.0000397	0.000349	0.000178	0.145	0.00000199	0.000222	0.000331	0.00109	
2041 Sep	940	0.104	0.39	0.0118	64.6	0.0412	52.1	0.000895	0.000895	0.00000549	0.00377	0.000777	0.0346	0.00782	0.00000515	10.9	0.0000154	0.000114	0.000156	0.0015	0.0137	0.00000571	1.72	3.64	0.0281	0.000645	21	0.00787	0.00411	0.0000392	0.000339	0.000174	0.141	0.00000199	0.000215	0.000322	0.00108	
2041 Oct	927	0.102	0.385	0.0117	63.6	0.041	51.4	0.000896	0.000896	0.00000548	0.00375	0.000768	0.0341	0.00781	0.00000514	10.8	0.0000153	0.000112	0.000155	0.00148	0.0137	0.00000563	1.71	3.61	0.0277	0.000637	20.7	0.00776	0.00411	0.0000393	0.000335	0.000172	0.14	0.00000199	0.000212	0.000318	0.00108	
2041 Nov	927	0.102	0.385	0.0117	63.7	0.041	51.4	0.000896	0.000896	0.00000548	0.00376	0.000769	0.0342	0.00782	0.00000515	10.8	0.0000153	0.000112	0.000155	0.00148	0.0137	0.00000564	1.71	3.61	0.0277	0.000638	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.00000199	0.000212	0.000318	0.00108	
2041 Dec	928	0.102	0.385	0.0117	63.7	0.041	51.4	0.000896	0.000896	0.00000548	0.00376	0.000769	0.0342	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148	0.0137	0.00000564	1.71	3.61	0.0277	0.000638	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.00000199	0.000212	0.000318	0.00108	
2042 Jan	928	0.102	0.385	0.0117	63.7	0.041	51.4	0.000896	0.000896	0.00000548	0.00376	0.000769	0.0342	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148	0.0137	0.00000564	1.71	3.61	0.0277	0.000638	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.00000199	0.000212	0.000318	0.00108	
2042 Feb	928	0.102	0.385	0.0117	63.7	0.041	51.4	0.000896	0.000896	0.00000548	0.00376	0.000769	0.0342	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00148	0.0137	0.00000564	1.71	3.61	0.0277	0.000638	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.00000199	0.000212	0.000318	0.00108	
2042 Mar	928	0.102	0.385	0.0117	63.7	0.041	51.5	0.000896	0.000896	0.00000548	0.00376	0.000769	0.0342	0.00782	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00149	0.0137	0.00000564	1.71	3.61	0.0277	0.000638	20.7	0.00777	0.00412	0.0000393	0.000335	0.000172	0.14	0.00000199	0.000212	0.000318	0.00108	
2042 Apr	928	0.102	0.385	0.0117	63.7	0.041	51.5	0.000897	0.000897	0.00000549	0.00376	0.00077	0.0342	0.00783	0.00000515	10.9	0.0000153	0.000112	0.000155	0.00149	0.0137	0.00000564	1.71	3.61	0.0278	0.000638	20.7	0.00778	0.00412	0.0000393	0.000335	0.000172	0.14	0.000002	0.000213	0.000318	0.00108	
2042 May	932	0.103	0.387	0.0118	64	0.0412	51.7	0.000899	0.000899	0.00000555	0.00377	0.000772	0.0343	0.00785	0.00000516	10.9	0.0000154	0.000112	0.000156	0.00149	0.0137	0.00000566	1.72	3.62	0.0279	0.00064	20.8	0.0078	0.00413	0.0000394	0.000336	0.000173	0.14	0.000002	0.000213	0.000319	0.00108	
2042 Jun	933	0.103	0.387	0.0118	63.4	0.0411	51.7	0.000895	0.000895	0.00000548	0.00376	0.000772	0.0343	0.00782	0.00000515	10.9	0.0000154	0.000113	0.000155	0.00149	0.0137	0.00000567	1.72	3.62	0.0279	0.000641	20.6	0.00782	0.00412	0.0000395	0.000337	0.000173	0.14	0.00000199	0.000214	0.00032	0.00108	
2042 Jul	919	0.101	0.382	0.0116	61.9	0.0408	51	0.000895	0.000895	0.00000547	0.00373	0.000763	0.0338	0.00778	0.00000513	10.8	0.0000152	0.000114	0.000153	0.00148	0.0138	0.0000056	1.7	3.58	0.0275	0.000632	20.2	0.00771	0.00411	0.0000399	0.000332	0.000171	0.139	0.00000199	0.000211	0.000316	0.00108	
2042 Aug	903	0.0997	0.375	0.0114	60.3	0.0405	50.1	0.000895	0.000895	0.00000545	0.00371	0.000753	0.0333	0.00776	0.00000512	10.7	0.000015	0.000113	0.000152	0.00146	0.0137	0.00000551	1.68	3.53	0.0271	0.000622	19.7	0.00758	0.0041	0.0000395	0.000326	0.000168	0.136	0.00000199	0.000207	0.000311	0.00107	
2042 Sep	881	0.0973	0.365	0.0111	58.7	0.0401	48.9	0.000896	0.000896	0.00000543	0.00369	0.000738	0.0326	0.00775	0.00000511	10.6	0.0000147	0.00011	0.000151	0.00144	0.0136	0.0000538	1.66	3.47	0.0264	0.000608	19.2	0.00739	0.0041	0.0000394	0.000319	0.000165	0.134	0.00000198	0.000202	0.000305	0.00106	
2042 Oct	870	0.0961	0.361	0.0111	57.9	0.0399	48.4	0.000896	0.000896	0.00000542	0.00367	0.000731	0.0322	0.00774	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.0000531	1.65	3.44	0.0261	0.000601	19	0.0073	0.0041	0.0000393	0.000315	0.000163	0.133	0.00000198	0.0002	0.000301	0.00106	
2042 Nov	871	0.0962	0.361	0.011	58	0.0399	48.4	0.000897	0.000897	0.00000542	0.00368	0.000732	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.0000532	1.65	3.44	0.0261	0.000602	19	0.00731	0.0041	0.0000393	0.000315	0.000163	0.133	0.00000198	0.0002	0.000301	0.00106	
2042 Dec	871	0.0962	0.361	0.011	58	0.0399	48.4	0.000897	0.000897	0.00000542	0.00368	0.000732	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.0000532	1.65	3.44	0.0261	0.000602	19	0.00731	0.0041	0.0000393	0.000315	0.000163	0.133	0.00000198	0.0002	0.000301	0.00106	
2043 Jan	871	0.0962	0.361	0.011	58	0.0399	48.4	0.000897	0.000897	0.00000542	0.00368	0.000732	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.0000532	1.65	3.44	0.0261	0.000602	19	0.00731	0.0041	0.0000393	0.000315	0.000163	0.133	0.00000198	0.0002	0.000301	0.00106	
2043 Feb	871	0.0962	0.361	0.011	58	0.0399	48.4	0.000897	0.000897	0.00000542	0.00368	0.000732	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.0000532	1.65	3.44	0.0261	0.000602	19	0.00731	0.0041	0.0000393	0.000315	0.000163	0.133	0.00000198	0.0002	0.000301	0.00106	
2043 Mar	871	0.0962	0.361	0.011	58	0.0399	48.4	0.000897	0.000897	0.00000542	0.00368	0.000732	0.0322	0.00775	0.00000511	10.5	0.0000146	0.000108	0.00015	0.00143	0.0136	0.0000532	1.65	3.44	0.0261	0.000602	19	0.00731	0.0041	0.0000393	0.000315	0.000163	0.133	0.00000198	0.0002	0.000301	0.00106	
2043 Apr	871	0.0962	0.361	0.011	58	0.0399	48.4	0.000897	0.000897	0.00000542	0.00368	0.000732	0.0323	0.00775	0.00000511	10.6	0.0000146	0.000108	0.00015	0.00144	0.0136	0.0000532	1.65	3.44	0.0262	0.000602	19	0.00731	0.0041	0.0000391	0.000315	0.000163	0.133	0.00000198	0.0002	0.000302	0.00106	
2043 May	874	0.0966	0.363	0.0111	58.2	0.04	48.6	0.0009	0.0009	0.00000544	0.00369	0.000735	0.0324	0.00777	0.00000512	10.6	0.0000147	0.000108	0.000151	0.00144	0.0136	0.0000534	1.66	3.46	0.0262	0.000604	19.1	0.00734	0.00412	0.0000392	0.000316	0.000164	0.133	0.00000199	0.0002	0.000303	0.00106	
2043 Jun	881	0.0973	0.365	0.0111	58	0.0401	49	0.000895	0.000895	0.00000542	0.00368	0.000738	0.0326	0.00774	0.0000051	10.6	0.0000147	0.000109	0.000151	0.00144	0.0136	0.0000538	1.66	3.47	0.0264	0.000608	19	0.00739	0.0041	0.0000391	0.000319	0.000165	0.134	0.00000198	0.000202	0.000304	0.00106	
2043 Jul	892	0.0985	0.37	0.0113	58.5	0.0404	49.6	0.0009	0.0009	0.00000546	0.00371	0.000746	0.033	0.00779	0.00000514	10.7	0.0000149	0.00011	0.000152	0.00146	0.0137	0.00000544	1.68	3.51	0.0268	0.000616	19.2	0.00749	0.00412	0.0000394	0.000323	0.000167	0.135	0.00000199	0.000205	0.000308	0.00107	
2043 Aug	905	0.0999	0.375	0.0114	59.1	0.0408	50.2	0.000904	0.000904	0.00000555	0.00374	0.000754	0.0334	0.00784	0.00000517	10.8	0.0000151	0.000111	0.000153	0.00147	0.0138	0.00000551	1.69	3.55	0.0271	0.000624	19.3	0.00759	0.00415	0.0000396	0.000327	0.000169	0.137	0.00000201	0.000207	0.000312	0.00108	
2043 Sep	913	0.101	0.379	0.0115	59.3	0.0409	50.7	0.000904	0.000904	0.00000555	0.00376	0.00076	0.0337	0.00785	0.00000518	10.8	0.0000152	0.000112	0.000154	0.00148	0.0138	0.00000556	1.7	3.57	0.0274	0.000629	19.4	0.00766	0.00415	0.0000397	0.00033	0.00017	0.138	0.00000201	0.000209	0.000314	0.00108	
2043 Oct	918	0.101	0.381	0.0116	59.5	0.041	50.9	0.000903	0.000903	0.00000555	0.00376	0.000762	0.0338	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.00000559	1.71	3.59	0.0275	0.000632	19.5	0.00769	0.00414	0.0000396	0.000331	0.000171	0.139	0.00000201	0.00021	0.000316	0.00108	
2043 Nov	919	0.101	0.381	0.0116	59.5	0.041	51	0.000902	0.000902	0.00000555	0.00376	0.000763	0.0339	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.00000559	1.71	3.59	0.0275	0.000633	19.5	0.0077	0.00414	0.0000396	0.000332	0.000171	0.139	0.000002	0.000211	0.000316	0.00108	
2043 Dec	919	0.101	0.381	0.0116	59.5	0.041	51	0.000902	0.000902	0.00000555	0.00376	0.000763	0.0339	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.00000559	1.71	3.59	0.0275	0.000633	19.5	0.0077	0.00414	0.0000396	0.000332	0.000171	0.139	0.000002	0.000211	0.000316	0.00108	
2044 Jan	919	0.101	0.381	0.0116	59.5	0.041	51	0.000902	0.000902	0.00000555	0.00376	0.000763	0.0339	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.00000559	1.71	3.59	0.0275	0.000633	19.5	0.0077	0.00414	0.0000396	0.000332	0.000171	0.139	0.000002	0.000211	0.000316	0.00108	
2044 Feb	919	0.101	0.381	0.0116	59.5	0.041	51	0.000902	0.000902	0.00000555	0.00376	0.000763	0.0339	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.00000559	1.71	3.59	0.0275	0.000633	19.5	0.0077	0.00414	0.0000396	0.000332	0.000171	0.139	0.000002	0.000211	0.000316	0.00108	
2044 Mar	919	0.101	0.381	0.0116	59.5	0.041	51	0.000902	0.000902	0.00000555	0.00376	0.000763	0.0339	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.0000056	1.71	3.59	0.0275	0.000633	19.5	0.00771	0.00414	0.0000396	0.000332	0.000171	0.139	0.00000201	0.000211	0.000316	0.00108	
2044 Apr	920	0.101	0.381	0.0116	59.5	0.041	51	0.000903	0.000903	0.00000555	0.00376	0.000763	0.0339	0.00785	0.00000517	10.8	0.0000152	0.000112	0.000155	0.00148	0.0138	0.0000056	1.71	3.59	0.0275	0.000633	19.5	0.00771	0.00414	0.0000396	0.000332	0.000171	0.139	0.00000201	0.000211	0.000316	0.00108	
2044 May	922	0.102	0.382	0.0116	59.6	0.0411	51.1	0.000905	0.000905	0.00000552	0.00377	0.000765	0.034	0.00787	0.00000518	10.9	0.0000153	0.000113	0.000155	0.00149	0.0138	0.00000561	1.71	3.6	0.0276	0.000634	19.5	0.00773	0.00415	0.0000397	0.000333	0.000171	0.139	0.00000201	0.000211	0.000317	0.00108	
2044 Jun	938	0.103	0.389	0.0118	59.9	0.0412	52	0.000895	0.000895	0.00000549	0.00377	0.000773	0.0345	0.00782	0.00000515	10.9	0.0000154	0.000113	0.000156	0.00149	0.0137	0.0000057	1.72	3.64	0.028	0.000644	19.6	0.00786	0.00412	0.0000394	0.000339	0.000173	0.141	0.00000199	0.000215	0.000321	0.00108	
2044 Jul	953	0.105	0.396	0.012	60.5	0.0415	52.8	0.000897	0.000897	0.00000551	0.00379	0.000782	0.035	0.00786	0.00000517	11	0.0000156	0.000114	0.000157	0.00151	0.0138	0.00000578	1.74	3.68	0.0284	0.000654	19.7	0.00798	0.00413	0.0000396	0.000344	0.000176	0.143	0.000002

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2047 Jun	1110	0.122	0.462	0.0139	65.4	0.0442	61.3	0.000882	0.000882	0.00000561	0.00398	0.000877	0.0404	0.00796	0.00000521	11.8	0.0000174	0.000124	0.000171	0.00164	0.014	0.00000667	1.89	4.13	0.0329	0.000753	21.2	0.00927	0.00411	0.0000398	0.000399	0.000199	0.163	0.00000201	0.000253	0.000371	0.00114	
2047 Jul	1120	0.124	0.468	0.014	66	0.0446	62	0.000887	0.000887	0.00000566	0.00402	0.000886	0.0408	0.00802	0.00000525	11.9	0.0000176	0.000126	0.000173	0.00165	0.0141	0.00000674	1.91	4.18	0.0333	0.000762	21.4	0.00937	0.00414	0.0000401	0.000404	0.000201	0.164	0.00000202	0.000256	0.000375	0.00115	
2047 Aug	1140	0.125	0.473	0.0142	66.6	0.045	62.6	0.000892	0.000892	0.00000569	0.00405	0.000894	0.0412	0.00807	0.00000528	12	0.0000178	0.000127	0.000174	0.00167	0.0142	0.00000681	1.93	4.22	0.0336	0.00077	21.6	0.00947	0.00416	0.0000403	0.000408	0.000203	0.166	0.00000203	0.000258	0.000379	0.00116	
2047 Sep	1150	0.126	0.477	0.0143	66.9	0.0451	63.2	0.00089	0.00089	0.00000569	0.00406	0.0009	0.0416	0.00807	0.00000528	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.00000687	1.94	4.24	0.0339	0.000776	21.7	0.00955	0.00415	0.0000403	0.000411	0.000205	0.167	0.00000203	0.000261	0.000382	0.00116	
2047 Oct	1150	0.126	0.479	0.0144	66.9	0.0451	63.4	0.000888	0.000888	0.00000569	0.00406	0.000902	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.00000689	1.94	4.25	0.034	0.000778	21.7	0.00959	0.00414	0.0000402	0.000413	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2047 Nov	1150	0.127	0.479	0.0144	67	0.0452	63.5	0.000887	0.000887	0.00000569	0.00406	0.000902	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.0000069	1.94	4.26	0.034	0.000779	21.7	0.0096	0.00414	0.0000402	0.000413	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2047 Dec	1150	0.127	0.479	0.0144	67	0.0452	63.5	0.000888	0.000888	0.00000569	0.00406	0.000903	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.0000069	1.94	4.26	0.034	0.000779	21.7	0.0096	0.00414	0.0000402	0.000413	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2048 Jan	1150	0.127	0.479	0.0144	67	0.0452	63.5	0.000888	0.000888	0.00000569	0.00406	0.000903	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.0000069	1.94	4.26	0.034	0.000779	21.7	0.0096	0.00414	0.0000402	0.000413	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2048 Feb	1150	0.127	0.479	0.0144	67	0.0452	63.5	0.000888	0.000888	0.00000569	0.00406	0.000903	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.0000069	1.94	4.26	0.034	0.000779	21.7	0.0096	0.00414	0.0000402	0.000413	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2048 Mar	1150	0.127	0.479	0.0144	67	0.0452	63.5	0.000888	0.000888	0.00000569	0.00406	0.000903	0.0417	0.00806	0.00000527	12	0.0000179	0.000127	0.000175	0.00168	0.0142	0.0000069	1.94	4.26	0.034	0.000779	21.7	0.0096	0.00414	0.0000402	0.000413	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2048 Apr	1150	0.127	0.48	0.0144	67	0.0452	63.5	0.000888	0.000888	0.00000569	0.00406	0.000903	0.0418	0.00806	0.00000527	12	0.0000179	0.000128	0.000175	0.00168	0.0142	0.0000069	1.94	4.26	0.0341	0.00078	21.7	0.0096	0.00415	0.0000403	0.000414	0.000205	0.168	0.00000203	0.000262	0.000383	0.00116	
2048 May	1160	0.127	0.481	0.0144	67.2	0.0453	63.6	0.00089	0.00089	0.00000557	0.00407	0.000905	0.0419	0.00808	0.00000528	12	0.000018	0.000128	0.000176	0.00168	0.0142	0.00000692	1.94	4.27	0.0341	0.000781	21.7	0.00962	0.00416	0.0000403	0.000415	0.000206	0.168	0.00000203	0.000263	0.000384	0.00117	
2048 Jun	1170	0.128	0.486	0.0146	67.3	0.0453	64.3	0.000882	0.000882	0.00000568	0.00407	0.000911	0.0423	0.00804	0.00000525	12.1	0.0000181	0.000128	0.000176	0.00169	0.0141	0.00000699	1.95	4.3	0.0345	0.000789	21.8	0.00973	0.00413	0.0000401	0.000419	0.000208	0.17	0.00000202	0.000265	0.000388	0.00117	
2048 Jul	1190	0.13	0.493	0.0148	67.8	0.0456	65.2	0.000878	0.000878	0.00000568	0.00408	0.000921	0.0428	0.00803	0.00000525	12.1	0.0000183	0.000129	0.000178	0.0017	0.0141	0.00000708	1.97	4.34	0.035	0.0008	21.9	0.00986	0.00411	0.00004	0.000425	0.00021	0.172	0.00000202	0.000269	0.000392	0.00117	
2048 Aug	1200	0.132	0.499	0.0149	68.3	0.0459	66	0.000879	0.000879	0.0000057	0.0041	0.000929	0.0433	0.00806	0.00000526	12.2	0.0000185	0.00013	0.000179	0.00172	0.0142	0.00000716	1.98	4.39	0.0353	0.000808	22.1	0.00997	0.00412	0.0000402	0.00043	0.000212	0.173	0.00000202	0.000272	0.000396	0.00118	
2048 Sep	1210	0.133	0.503	0.015	68.6	0.046	66.4	0.000878	0.000878	0.00000557	0.00411	0.000935	0.0436	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172	0.0142	0.00000721	1.99	4.41	0.0356	0.000814	22.1	0.01	0.00412	0.0000401	0.000433	0.000213	0.175	0.00000202	0.000274	0.000399	0.00118	
2048 Oct	1210	0.133	0.505	0.0151	68.7	0.046	66.7	0.000876	0.000876	0.00000557	0.00411	0.000937	0.0437	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00172	0.0142	0.00000723	1.99	4.42	0.0357	0.000816	22.2	0.0101	0.00411	0.0000401	0.000434	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	
2048 Nov	1210	0.133	0.505	0.0151	68.7	0.0461	66.7	0.000876	0.000876	0.00000557	0.00412	0.000937	0.0438	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173	0.0142	0.00000724	1.99	4.42	0.0357	0.000817	22.2	0.0101	0.00411	0.0000401	0.000435	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	
2048 Dec	1210	0.133	0.505	0.0151	68.7	0.0461	66.7	0.000876	0.000876	0.00000557	0.00412	0.000937	0.0438	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173	0.0142	0.00000724	1.99	4.42	0.0357	0.000817	22.2	0.0101	0.00411	0.0000401	0.000435	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	
2049 Jan	1210	0.133	0.505	0.0151	68.7	0.0461	66.7	0.000876	0.000876	0.00000557	0.00412	0.000937	0.0438	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173	0.0142	0.00000724	1.99	4.42	0.0357	0.000817	22.2	0.0101	0.00411	0.0000401	0.000435	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	
2049 Feb	1210	0.133	0.505	0.0151	68.7	0.0461	66.7	0.000876	0.000876	0.00000557	0.00412	0.000937	0.0438	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173	0.0142	0.00000724	1.99	4.42	0.0357	0.000817	22.2	0.0101	0.00411	0.0000401	0.000435	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	
2049 Mar	1210	0.133	0.505	0.0151	68.7	0.0461	66.7	0.000876	0.000876	0.00000557	0.00412	0.000938	0.0438	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173	0.0142	0.00000724	1.99	4.43	0.0357	0.000817	22.2	0.0101	0.00411	0.0000401	0.000435	0.000214	0.175	0.00000202	0.000275	0.0004	0.00118	
2049 Apr	1210	0.133	0.505	0.0151	68.7	0.0461	66.8	0.000877	0.000877	0.00000557	0.00412	0.000938	0.0438	0.00806	0.00000526	12.3	0.0000186	0.000131	0.00018	0.00173	0.0142	0.00000724	1.99	4.43	0.0358	0.000818	22.2	0.0101	0.00411	0.0000401	0.000435	0.000214	0.175	0.00000202	0.000275	0.000401	0.00118	
2049 May	1220	0.134	0.507	0.0151	68.9	0.0462	66.9	0.000879	0.000879	0.00000571	0.00413	0.00094	0.0439	0.00808	0.00000527	12.3	0.0000187	0.000131	0.000181	0.00173	0.0142	0.00000726	2	4.44	0.0358	0.00082	22.2	0.0101	0.00412	0.0000402	0.000436	0.000215	0.176	0.00000202	0.000276	0.000402	0.00118	
2049 Jun	1230	0.135	0.512	0.0153	69.1	0.0462	67.6	0.000871	0.000871	0.00000569	0.00412	0.000946	0.0443	0.00804	0.00000524	12.3	0.0000188	0.000132	0.000181	0.00174	0.0141	0.00000732	2	4.47	0.0362	0.000827	22.3	0.0102	0.00409	0.00004	0.00044	0.000216	0.177	0.00000201	0.000279	0.000405	0.00118	
2049 Jul	1250	0.137	0.519	0.0155	69.5	0.0465	68.4	0.000867	0.000867	0.00000569	0.00414	0.000955	0.0448	0.00804	0.00000524	12.4	0.00001	0.000133	0.000182	0.00175	0.0141	0.00000741	2.02	4.51	0.0366	0.000837	22.4	0.0103	0.00408	0.0000399	0.000446	0.000219	0.179	0.00000201	0.000282	0.000409	0.00118	
2049 Aug	1260	0.138	0.524	0.0156	70.1	0.0469	69.1	0.000873	0.000873	0.00000573	0.00417	0.000965	0.0453	0.0081	0.00000528	12.5	0.0000191	0.000134	0.000184	0.00176	0.0142	0.00000749	2.04	4.55	0.037	0.000846	22.6	0.0105	0.00411	0.0000402	0.00045	0.000221	0.181	0.00000202	0.000285	0.000413	0.00119	
2049 Sep	1270	0.139	0.528	0.0157	70.4	0.047	69.6	0.000872	0.000872	0.00000574	0.00418	0.00097	0.0456	0.0081	0.00000527	12.5	0.0000192	0.000135	0.000185	0.00177	0.0142	0.00000754	2.05	4.58	0.0373	0.000851	22.7	0.0105	0.00411	0.0000402	0.000454	0.000222	0.182	0.00000202	0.000287	0.000416	0.0012	
2049 Oct	1270	0.14	0.53	0.0158	70.5	0.0471	69.9	0.00087	0.00087	0.00000573	0.00418	0.000973	0.0458	0.00809	0.00000527	12.5	0.0000193	0.000135	0.000185	0.00177	0.0142	0.00000757	2.05	4.59	0.0374	0.000854	22.7	0.0106	0.0041	0.0000401	0.000455	0.000223	0.182	0.00000202	0.000288	0.000417	0.0012	
2049 Nov	1270	0.14	0.531	0.0158	70.5	0.0471	69.9	0.00087	0.00087	0.00000573	0.00419	0.000973	0.0458	0.00809	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00177	0.0142	0.00000757	2.05	4.6	0.0374	0.000855	22.7	0.0106	0.0041	0.0000401	0.000456	0.000223	0.183	0.00000202	0.000288	0.000418	0.0012	
2049 Dec	1270	0.14	0.531	0.0158	70.5	0.0471	70	0.00087	0.00087	0.00000573	0.00419	0.000973	0.0458	0.00809	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00177	0.0142	0.00000757	2.05	4.6	0.0374	0.000855	22.7	0.0106	0.0041	0.0000402	0.000456	0.000223	0.183	0.00000202	0.000288	0.000418	0.0012	
2050 Jan	1270	0.14	0.531	0.0158	70.5	0.0471	70	0.00087	0.00087	0.00000573	0.00419	0.000973	0.0458	0.00809	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00177	0.0142	0.00000757	2.05	4.6	0.0374	0.000855	22.7	0.0106	0.0041	0.0000402	0.000456	0.000223	0.183	0.00000202	0.000288	0.000418	0.0012	
2050 Feb	1270	0.14	0.531	0.0158	70.5	0.0471	70	0.00087	0.00087	0.00000573	0.00419	0.000973	0.0458	0.00809	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00177	0.0142	0.00000757	2.05	4.6	0.0374	0.000855	22.7	0.0106	0.0041	0.0000402	0.000456	0.000223	0.183	0.00000202	0.000288	0.000418	0.0012	
2050 Mar	1270	0.14	0.531	0.0158	70.5	0.0471	70	0.00087	0.00087	0.00000573	0.00419	0.000973	0.0458	0.00809	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00177	0.0142	0.00000757	2.05	4.6	0.0374	0.000855	22.7	0.0106	0.0041	0.0000402	0.000456	0.000223	0.183	0.00000202	0.000288	0.000418	0.0012	
2050 Apr	1270	0.14	0.531	0.0158	70.6	0.0471	70	0.00087	0.00087	0.00000573	0.00419	0.000974	0.0458	0.0081	0.00000527	12.6	0.0000193	0.000135	0.000185	0.00178	0.0142	0.00000758	2.05	4.6	0.0374	0.000856	22.7	0.0106	0.0041	0.0000402	0.000456	0.000223	0.183	0.00000202	0.000289	0.000418	0.0012	
2050 May	1280	0.14	0.532	0.0159	70.7	0.0472	70.1	0.000872	0.000872	0.00000574	0.0042	0.000975	0.0459	0.00811	0.00000528	12.6	0.0000194	0.000135	0.000186	0.00178	0.0143	0.00000759	2.06	4.61	0.0375	0.000857	22.8	0.0106	0.0041	0.0000402	0.000457	0.000223	0.183	0.00000202	0.000289	0.000419	0.0012	
2050 Jun	1290	0.141	0.536	0.016	70.9	0.0473	70.7	0.000866	0.000866	0.00000573	0.0042	0.000981	0.0463	0.00809	0.00000526	12.6	0.0000195	0.000136	0.000186	0.00178	0.0142	0.00000765	2.06	4.63	0.0378	0.000864	22.8	0.0107	0.00409	0.0000401	0.000461	0.000225	0.184	0.00000201	0.000291	0.000422	0.0012	
2050 Jul	1300	0.143	0.543	0.0162	71.3	0.0474	71.5	0.000861	0.000861	0.00000572	0.00421	0.000989	0.0468	0.00807	0.00000525	12.7	0.0000196	0.000136	0.000187	0.00179	0.0142	0.00000773	2.07	4.67	0.0382	0.000873	22.9	0.0108	0.00407	0.00004	0.000466	0.000227	0.186	0.00000201	0.000295	0.000426	0.0012	
2050 Aug	1320	0.144	0.548	0.0163	71.8	0.0478	72.2	0.000864	0.000864	0.00000575	0.00423	0.000998	0.0472	0.00811	0.00000527	12.7	0.0000198	0.000137	0.000189	0.00181	0.0143	0.0000078	2.09	4.71	0.0386	0.000881	23.1	0.0109	0.00409	0.0000402	0.00047	0.000229	0.188	0.00000202	0.000297	0.00043	0.00121	
2050 Sep	1320	0.145	0.551	0.0164	72.1	0.0479	72.6	0.000864	0.000864	0.00000576	0.00424	0.001	0.0475	0.00812	0.00000528	12.8	0.0000199	0.000138	0.000189	0.00181	0.0143	0.00000785	2.1	4.74	0.0388	0.000886	23.2	0.011	0.00409	0.0000402	0.000473	0.00023	0.189	0.00000202	0.000299	0.000432	0.00121	
2050 Oct	1330	0.145	0.553	0.0164	72.2	0.048	72.8	0.000865	0.000865	0.00000577	0.00425	0.001	0.0476	0.00813	0.00000528	12.8	0.0000199	0.000138	0.00019	0.00182	0.0143	0.00000787	2.1	4.74	0.0389	0.000888	23.2	0.011	0.00409	0.0000402	0.000474	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	
2050 Nov	1330	0.145	0.553	0.0164	72.2	0.048	72.8	0.000865	0.000865	0.00000577	0.00425	0.001	0.0476	0.00813	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182	0.0143	0.00000787	2.1	4.75	0.0389	0.000889	23.2	0.011	0.0041	0.0000402	0.000474	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	
2051 Jan	1330	0.145	0.553	0.0164	72.2	0.048	72.8	0.000865	0.000865	0.00000577	0.00425	0.00101	0.0476	0.00813	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182	0.0143	0.00000787	2.1	4.75	0.0389	0.000889	23.2	0.011	0.0041	0.0000402	0.000474	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	
2051 Feb	1330	0.145	0.553	0.0164	72.2	0.048	72.8	0.000865	0.000865	0.00000577	0.00425	0.00101	0.0476	0.00813	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182	0.0143	0.00000787	2.1	4.75	0.0389	0.000889	23.2	0.011	0.0041	0.0000402	0.000474	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	
2051 Mar	1330	0.145	0.553	0.0165	72.2	0.048	72.8	0.000865	0.000865	0.00000577	0.00425	0.00101	0.0476	0.00813	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182	0.0143	0.00000787	2.1	4.75	0.0389	0.000889	23.2	0.011	0.0041	0.0000402	0.000475	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	
2051 Apr	1330	0.146	0.553	0.0165	72.3	0.048	72.8	0.000866	0.000866	0.00000577	0.00425	0.00101	0.0476	0.00814	0.00000529	12.8	0.0000199	0.000138	0.00019	0.00182	0.0143	0.00000788	2.1	4.75	0.0389	0.000889	23.2	0.011	0.0041	0.0000403	0.000475	0.000231	0.189	0.00000202	0.0003	0.000433	0.00122	
2051 May	1330	0.146	0.555	0.0165	72.4	0.0482	73	0.000867	0.000867	0.00000578	0.00426	0.00101	0.0477	0.00815	0.00000553	12.8	0.00002	0.000139	0.00019	0.00182	0.0143	0.0000079	2.11	4.76	0.039	0.000891	23.3	0.011	0.00411	0.0000404	0.000476	0.000231	0.19	0.00000203	0.000301	0.000434	0.00122	
2051 Jun	1340	0.147	0.56	0.0166	72.5	0.0481	73.7	0.000856	0.000856	0.00000574	0.00425	0.00101	0.0481	0.00809	0.00000525	12.8	0.0000201	0.000139	0.000191	0.00183	0.0142	0.00000796	2.11	4.79	0.0394	0.000899	23.3	0.0111	0.00406	0.00004	0.00048	0.000233	0.191	0.00000201	0.000304	0.000438	0.00122	
2051 Jul	1360	0.149	0.567	0.0168	73.1	0.0484	74.6	0.000855	0.000855	0.00000576	0.00427	0.00102	0.0487	0.00811	0.00000526	12.9	0.0000203	0.00014	0.000192	0.00184	0.0143	0.00000806	2.13	4.84	0.0398	0.000909	23.4	0.0113	0.00406	0.00004	0.00046	0.000235	0.193	0.00000201	0.000307	0.000442	0.00122	
2051 Aug	1370	0.151	0.573	0.017	73.5	0.0487	75.3	0.000856	0.000856	0.00000577	0.00429	0.00103	0.0492	0.00813	0.00000527	13	0.0000204	0.000141	0.000194	0.00185	0.0143	0.00000814	2.14	4.88	0.0402	0.000918	23.6	0.0114	0.00407	0.0000401	0.000491	0.000238	0.195	0.00000201	0.000311	0.000446	0.00123	
2051 Sep	1380	0.152	0.577	0.0171	73.8	0.0488	75.8	0.000853	0.000853	0.00000577	0.0043	0.00104	0.0495	0.00812	0.00000527	13	0.0000205	0.000142	0.000194	0.00186	0.0143	0.00000819	2.15	4.9	0.0405	0.000924	23.7	0.0115	0.00406	0.0000401	0.000494	0.000239	0.196	0.00000201	0.000313	0.000449	0.00123	
2051 Oct	1390	0.152	0.579	0.0172	73.7	0.0487	76.1	0.000847	0.000847	0.00000574	0.00429	0.00104	0.0496	0.00808	0.00000524	13	0.0000206	0.000142	0.000194	0.00186	0.0142	0.00000821	2.15	4.91	0.0406	0.000927	23.6	0.0115	0.00403	0.0000398	0.000496	0.000239	0.197	0.000002	0.000314	0.00045	0.00123	
2051 Nov	1390	0.152	0.579	0.0172	73.8	0.0488	76.1	0.000846	0.000846	0.00000574	0.00429	0.00104	0.0497	0.00808	0.00000524	13	0.0000206	0.000142	0.000194	0.00186	0.0142	0.00000822	2.15	4.91	0.0406	0.000927	23.6	0.0115	0.00403	0.0000398	0.000496	0.00024	0.197	0.000002	0.000314	0.00045	0.00123	
2051 Dec	1390	0.152	0.58	0.0172	73.8	0.0488	76.1	0.000846	0.000846	0.00000575	0.00429	0.00104	0.0497	0.00808	0.00000524	13	0.0000206	0.000142	0.000194	0.00186	0.0142	0.00000822	2.15	4.91	0.0406	0.000927	23.6	0.0115	0.00403	0.0000398	0.000496	0.00024	0.197	0.000002	0.000314	0.00045	0.00123	
2052 Jan	1390	0.152	0.58	0.0172	73.8	0.0488	76.1	0.000846	0.000846	0.00000575	0.00429	0.00104	0.0497	0.00808	0.00000524	13	0.0000206	0.000142	0.000194	0.00186	0.0142	0.00000822	2.15	4.91	0.0407	0.000927	23.6	0.0115	0.00403	0.0000398	0.000496	0.00024	0.197	0.000002	0.000314	0.00045	0.00123	
2052 Feb	1390	0.152	0.58	0.0172	73.8	0.0488	76.1	0.000847	0.000847	0.00000575	0.00429	0.00104	0.0497	0.00808	0.00000524	13	0.0000206	0.000142	0.000194	0.00186	0.0142	0.00000822	2.15	4.91	0.0407	0.000927	23.6	0.0115

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2054 Dec	1560	0.171	0.653	0.0193	79.5	0.052	85.5	0.000839	0.000839	0.0000059	0.00453	0.00115	0.0556	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201	0.0146	0.0000092	2.33	5.42	0.0456	0.00104	25.4	0.0129	0.00405	0.0000404	0.000557	0.000266	0.218	0.00000202	0.000352	0.000501	0.00129	
2055 Jan	1560	0.171	0.653	0.0193	79.5	0.052	85.5	0.000839	0.000839	0.0000059	0.00453	0.00115	0.0556	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201	0.0146	0.0000092	2.33	5.42	0.0456	0.00104	25.4	0.0129	0.00405	0.0000404	0.000557	0.000266	0.218	0.00000202	0.000352	0.000501	0.00129	
2055 Feb	1560	0.171	0.653	0.0193	79.5	0.052	85.5	0.000839	0.000839	0.0000059	0.00453	0.00115	0.0556	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201	0.0146	0.0000092	2.33	5.42	0.0456	0.00104	25.4	0.0129	0.00405	0.0000404	0.000557	0.000266	0.218	0.00000202	0.000352	0.000501	0.00129	
2055 Mar	1560	0.171	0.653	0.0193	79.5	0.052	85.5	0.000839	0.000839	0.0000059	0.00453	0.00115	0.0556	0.00827	0.00000533	13.9	0.0000226	0.000153	0.00021	0.00201	0.0146	0.0000092	2.33	5.42	0.0456	0.00104	25.4	0.0129	0.00405	0.0000404	0.000557	0.000266	0.218	0.00000202	0.000352	0.000501	0.00129	
2055 Apr	1570	0.171	0.653	0.0193	79.5	0.052	85.5	0.00084	0.00084	0.0000059	0.00453	0.00115	0.0556	0.00827	0.00000533	13.9	0.0000227	0.000153	0.00021	0.00201	0.0146	0.0000092	2.33	5.42	0.0456	0.00104	25.4	0.0129	0.00405	0.0000405	0.000558	0.000266	0.219	0.00000202	0.000352	0.000501	0.00129	
2055 May	1570	0.171	0.655	0.0193	79.7	0.0521	85.7	0.000841	0.000841	0.0000592	0.00454	0.00115	0.0557	0.00828	0.00000534	14	0.0000227	0.000154	0.000211	0.00202	0.0146	0.0000922	2.33	5.43	0.0457	0.00104	25.4	0.013	0.00406	0.0000405	0.000559	0.000266	0.219	0.00000203	0.000353	0.000502	0.00129	
2055 Jun	1580	0.172	0.658	0.0194	79.8	0.0521	86.2	0.000834	0.000834	0.0000589	0.00453	0.00115	0.056	0.00824	0.00000531	14	0.0000228	0.000154	0.000211	0.00202	0.0145	0.00000926	2.34	5.45	0.0459	0.00105	25.4	0.013	0.00403	0.0000403	0.000562	0.000267	0.22	0.00000202	0.000355	0.000504	0.00129	
2055 Jul	1590	0.174	0.665	0.0196	80.3	0.0524	87	0.000833	0.000833	0.0000059	0.00455	0.00116	0.0565	0.00826	0.00000532	14	0.0000229	0.000155	0.000212	0.00203	0.0146	0.00000935	2.35	5.49	0.0463	0.00105	25.6	0.0132	0.00403	0.0000403	0.000567	0.000269	0.222	0.00000202	0.000358	0.000509	0.0013	
2055 Aug	1610	0.176	0.671	0.0198	80.8	0.0527	87.7	0.000836	0.000836	0.0000593	0.00458	0.00117	0.057	0.0083	0.00000535	14.1	0.0000231	0.000156	0.000214	0.00205	0.0146	0.00000943	2.37	5.54	0.0467	0.00106	25.7	0.0133	0.00405	0.0000405	0.000572	0.000272	0.224	0.00000203	0.000361	0.000513	0.0013	
2055 Sep	1610	0.176	0.674	0.0199	81.1	0.0529	88.2	0.000835	0.000835	0.0000594	0.00459	0.00118	0.0572	0.00831	0.00000535	14.2	0.0000232	0.000156	0.000214	0.00205	0.0146	0.00000948	2.38	5.56	0.047	0.00107	25.8	0.0133	0.00405	0.0000405	0.000575	0.000273	0.225	0.00000203	0.000363	0.000516	0.00131	
2055 Oct	1620	0.177	0.676	0.0199	81.2	0.053	88.4	0.000836	0.000836	0.0000594	0.00459	0.00118	0.0574	0.00831	0.00000535	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000095	2.38	5.57	0.0471	0.00107	25.9	0.0134	0.00405	0.0000406	0.000576	0.000273	0.225	0.00000203	0.000364	0.000517	0.00131	
2055 Nov	1620	0.177	0.676	0.0199	81.3	0.053	88.4	0.000836	0.000836	0.0000595	0.0046	0.00118	0.0574	0.00832	0.00000535	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000095	2.38	5.57	0.0471	0.00107	25.9	0.0134	0.00405	0.0000406	0.000576	0.000274	0.225	0.00000203	0.000364	0.000517	0.00131	
2055 Dec	1620	0.177	0.676	0.0199	81.3	0.053	88.4	0.000836	0.000836	0.0000595	0.0046	0.00118	0.0574	0.00832	0.00000535	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000095	2.38	5.58	0.0471	0.00107	25.9	0.0134	0.00405	0.0000406	0.000577	0.000274	0.225	0.00000203	0.000364	0.000517	0.00131	
2056 Jan	1620	0.177	0.676	0.0199	81.3	0.053	88.4	0.000836	0.000836	0.0000595	0.0046	0.00118	0.0574	0.00832	0.00000535	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000095	2.38	5.58	0.0471	0.00107	25.9	0.0134	0.00405	0.0000406	0.000577	0.000274	0.225	0.00000203	0.000364	0.000517	0.00131	
2056 Feb	1620	0.177	0.676	0.0199	81.3	0.053	88.4	0.000836	0.000836	0.0000595	0.0046	0.00118	0.0574	0.00832	0.00000535	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000095	2.38	5.58	0.0471	0.00107	25.9	0.0134	0.00405	0.0000406	0.000577	0.000274	0.225	0.00000203	0.000364	0.000517	0.00131	
2056 Mar	1620	0.177	0.676	0.0199	81.3	0.053	88.4	0.000836	0.000836	0.0000595	0.0046	0.00118	0.0574	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000095	2.38	5.58	0.0471	0.00107	25.9	0.0134	0.00405	0.0000406	0.000577	0.000274	0.225	0.00000203	0.000364	0.000517	0.00131	
2056 Apr	1620	0.177	0.676	0.0199	81.3	0.053	88.5	0.000836	0.000836	0.0000595	0.0046	0.00118	0.0574	0.00832	0.00000536	14.2	0.0000233	0.000157	0.000215	0.00206	0.0147	0.0000951	2.38	5.58	0.0471	0.00107	25.9	0.0134	0.00406	0.0000406	0.000577	0.000274	0.225	0.00000203	0.000365	0.000517	0.00131	
2056 May	1620	0.178	0.678	0.02	81.5	0.0531	88.7	0.000837	0.000837	0.0000596	0.00461	0.00118	0.0576	0.00833	0.00000537	14.2	0.0000233	0.000157	0.000216	0.00206	0.0147	0.0000953	2.39	5.59	0.0472	0.00108	25.9	0.0134	0.00406	0.0000407	0.000578	0.000274	0.226	0.00000203	0.000365	0.000519	0.00131	
2056 Jun	1640	0.179	0.683	0.0201	81.6	0.0531	89.2	0.000829	0.000829	0.0000593	0.0046	0.00119	0.0579	0.00828	0.00000533	14.2	0.0000234	0.000157	0.000216	0.00207	0.0146	0.0000959	2.39	5.61	0.0475	0.00108	26	0.0135	0.00403	0.0000404	0.000582	0.000276	0.227	0.00000203	0.000368	0.000521	0.00131	
2056 Jul	1650	0.18	0.689	0.0203	82.2	0.0535	90.1	0.000833	0.000833	0.0000597	0.00463	0.0012	0.0585	0.00834	0.00000536	14.4	0.0000236	0.000159	0.000218	0.00208	0.0147	0.0000968	2.41	5.66	0.048	0.00109	26.2	0.0136	0.00405	0.0000406	0.000588	0.000278	0.229	0.00000203	0.000371	0.000526	0.00132	
2056 Aug	1670	0.182	0.695	0.0205	82.8	0.0538	90.9	0.000834	0.000834	0.0000599	0.00466	0.00121	0.059	0.00837	0.00000538	14.4	0.0000238	0.00016	0.000219	0.0021	0.0148	0.00000976	2.43	5.71	0.0484	0.0011	26.3	0.0138	0.00406	0.0000408	0.000593	0.00028	0.231	0.00000204	0.000374	0.00053	0.00133	
2056 Sep	1670	0.183	0.699	0.0206	83.2	0.0541	91.4	0.000836	0.000836	0.0000601	0.00468	0.00121	0.0593	0.00839	0.0000054	14.5	0.0000239	0.000161	0.00022	0.00211	0.0148	0.00000981	2.44	5.74	0.0486	0.00111	26.4	0.0138	0.00407	0.0000409	0.000596	0.000282	0.232	0.00000204	0.000376	0.000533	0.00133	
2056 Oct	1680	0.183	0.701	0.0206	83.2	0.0541	91.6	0.000834	0.000834	0.000006	0.00468	0.00121	0.0594	0.00838	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211	0.0148	0.00000983	2.44	5.75	0.0487	0.00111	26.5	0.0139	0.00406	0.0000408	0.000597	0.000282	0.233	0.00000204	0.000377	0.000534	0.00133	
2056 Nov	1680	0.183	0.701	0.0206	83.2	0.0541	91.6	0.000834	0.000834	0.000006	0.00468	0.00121	0.0594	0.00838	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211	0.0148	0.00000984	2.44	5.75	0.0488	0.00111	26.5	0.0139	0.00406	0.0000408	0.000597	0.000283	0.233	0.00000204	0.000377	0.000534	0.00133	
2056 Dec	1680	0.183	0.701	0.0206	83.2	0.0541	91.6	0.000834	0.000834	0.000006	0.00468	0.00121	0.0594	0.00838	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211	0.0148	0.00000984	2.44	5.75	0.0488	0.00111	26.5	0.0139	0.00406	0.0000408	0.000597	0.000283	0.233	0.00000204	0.000377	0.000534	0.00133	
2057 Jan	1680	0.183	0.701	0.0206	83.2	0.0541	91.6	0.000834	0.000834	0.000006	0.00468	0.00121	0.0594	0.00838	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211	0.0148	0.00000984	2.44	5.75	0.0488	0.00111	26.5	0.0139	0.00406	0.0000408	0.000597	0.000283	0.233	0.00000204	0.000377	0.000534	0.00133	
2057 Feb	1680	0.183	0.701	0.0206	83.2	0.0541	91.6	0.000834	0.000834	0.000006	0.00468	0.00121	0.0594	0.00838	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211	0.0148	0.00000984	2.44	5.75	0.0488	0.00111	26.5	0.0139	0.00406	0.0000408	0.000597	0.000283	0.233	0.00000204	0.000377	0.000534	0.00133	
2057 Mar	1680	0.183	0.701	0.0206	83.3	0.0541	91.6	0.000834	0.000834	0.000006	0.00468	0.00121	0.0594	0.00839	0.00000539	14.5	0.000024	0.000161	0.00022	0.00211	0.0148	0.00000984	2.44	5.75	0.0488	0.00111	26.5	0.0139	0.00406	0.0000408	0.000598	0.000283	0.233	0.00000204	0.000377	0.000534	0.00133	
2057 Apr	1680	0.184	0.702	0.0206	83.3	0.0541	91.7	0.000835	0.000835	0.00000601	0.00468	0.00122	0.0595	0.00839	0.00000539	14.5	0.000024	0.000161	0.000221	0.00211	0.0148	0.00000985	2.45	5.75	0.0488	0.00111	26.5	0.0139	0.00406	0.0000408	0.000598	0.000283	0.233	0.00000204	0.000378	0.000535	0.00133	
2057 May	1680	0.184	0.703	0.0207	83.5	0.0543	91.9	0.000836	0.000836	0.00000602	0.00469	0.00122	0.0596	0.00841	0.00000541	14.6	0.0000241	0.000161	0.000221	0.00212	0.0148	0.00000987	2.45	5.77	0.0489	0.00111	26.5	0.0139	0.00407	0.0000409	0.000599	0.000283	0.233	0.00000204	0.000379	0.000536	0.00134	
2057 Jun	1690	0.185	0.708	0.0208	83.6	0.0542	92.4	0.000828	0.000828	0.00000599	0.00468	0.00122	0.0599	0.00836	0.00000537	14.6	0.0000241	0.000162	0.000221	0.00212	0.0147	0.00000992	2.45	5.79	0.0492	0.00112	26.6	0.014	0.00404	0.0000407	0.000603	0.000285	0.234	0.00000203	0.000381	0.000538	0.00133	
2057 Jul	1710	0.187	0.714	0.021	84.1	0.0546	93.2	0.000829	0.000829	0.00000601	0.00471	0.00123	0.0604	0.00839	0.00000539	14.7	0.0000243	0.000163	0.000223	0.00213	0.0148	0.00001	2.47	5.83	0.0496	0.00113	26.7	0.0141	0.00405	0.0000408	0.000608	0.000287	0.236	0.00000204	0.000384	0.000543	0.00134	
2057 Aug	1730	0.189	0.722	0.0212	85	0.0551	94.3	0.000836	0.000836	0.00000607	0.00476	0.00125	0.0611	0.00847	0.00000544	14.8	0.0000246	0.000164	0.000225	0.00216	0.0149	0.0000101	2.5	5.9	0.0502	0.00114	27	0.0143	0.00409	0.0000412	0.000615	0.00029	0.239	0.00000205	0.000388	0.000549	0.00135	
2057 Sep	1740	0.19	0.726	0.0213	85.4	0.0554	94.8	0.000838	0.000838	0.00000609	0.00477	0.00125	0.0614	0.00849	0.00000545	14.9	0.0000247	0.000165	0.000226	0.00217	0.015	0.0000102	2.51	5.92	0.0504	0.00115	27.1	0.0143	0.00409	0.0000413	0.000618	0.000292	0.24	0.00000206	0.00039	0.000552	0.00136	
2057 Oct	1740	0.19	0.727	0.0214	85.5	0.0554	95	0.000837	0.000837	0.00000609	0.00478	0.00125	0.0615	0.00849	0.00000545	14.9	0.0000247	0.000165	0.000226	0.00217	0.015	0.0000102	2.51	5.93	0.0505	0.00115	27.1	0.0144	0.00409	0.0000412	0.000619	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	
2057 Nov	1740	0.19	0.728	0.0214	85.5	0.0554	95	0.000837	0.000837	0.00000609	0.00478	0.00125	0.0616	0.00849	0.00000545	14.9	0.0000248	0.000165	0.000227	0.00217	0.015	0.0000102	2.51	5.94	0.0506	0.00115	27.1	0.0144	0.00409	0.0000413	0.00062	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	
2057 Dec	1740	0.19	0.728	0.0214	85.5	0.0554	95	0.000837	0.000837	0.00000609	0.00478	0.00125	0.0616	0.00849	0.00000545	14.9	0.0000248	0.000165	0.000227	0.00217	0.015	0.0000102	2.51	5.94	0.0506	0.00115	27.1	0.0144	0.00409	0.0000413	0.00062	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	
2058 Jan	1740	0.19	0.728	0.0214	85.5	0.0554	95	0.000837	0.000837	0.00000609	0.00478	0.00125	0.0616	0.00849	0.00000545	14.9	0.0000248	0.000165	0.000227	0.00217	0.015	0.0000102	2.51	5.94	0.0506	0.00115	27.1	0.0144	0.00409	0.0000413	0.00062	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	
2058 Feb	1740	0.19	0.728	0.0214	85.5	0.0554	95	0.000837	0.000837	0.00000609	0.00478	0.00125	0.0616	0.00849	0.00000545	14.9	0.0000248	0.000165	0.000227	0.00217	0.015	0.0000102	2.51	5.94	0.0506	0.00115	27.1	0.0144	0.00409	0.0000413	0.00062	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	
2058 Mar	1740	0.19	0.728	0.0214	85.5	0.0554	95	0.000837	0.000837	0.00000609	0.00478	0.00125	0.0616	0.00849	0.00000545	14.9	0.0000248	0.000165	0.000227	0.00217	0.015	0.0000102	2.51	5.94	0.0506	0.00115	27.1	0.0144	0.00409	0.0000413	0.00062	0.000292	0.241	0.00000206	0.000391	0.000553	0.00136	
2058 Apr	1740	0.19	0.728	0.0214	85.5	0.0555	95.1	0.000838	0.000838	0.00000609	0.00478	0.00125	0.0616	0.0085	0.00000545	14.9	0.0000248	0.000165	0.000227	0.00217	0.015	0.0000102	2.51	5.94	0.0506	0.00115	27.2	0.0144	0.0041	0.0000413	0.00062	0.000292	0.241	0.00000206	0.000392	0.000553	0.00136	
2058 May	1750	0.191	0.73	0.0215	85.7	0.0556	95.3	0.000838	0.000838	0.00000611	0.00479	0.00126	0.0618	0.00851	0.00000546	14.9	0.0000248	0.000166	0.000227	0.00217	0.015	0.0000102	2.52	5.95	0.0507	0.00115	27.2	0.0144	0.0041	0.0000413	0.000622	0.000293	0.242	0.00000206	0.000393	0.000555	0.00136	
2058 Jun	1760	0.192	0.733	0.0215	85.6	0.0554	95.7	0.000824	0.000824	0.00000604	0.00476	0.00126	0.062	0.00842	0.0000054	14.9	0.0000249	0.000166	0.000227	0.00217	0.0149	0.0000103	2.52	5.96	0.0509	0.00116	27.1	0.0145	0.00404	0.0000408	0.000624	0.000294	0.242	0.00000204	0.000394	0.000556	0.00136	
2058 Jul	1770	0.193	0.74	0.0217	86.1	0.0557	96.5	0.000826	0.000826	0.00000607	0.00479	0.00127	0.0625	0.00845	0.00000542	15	0.000025	0.000167	0.000228	0.00219	0.0149	0.0000104	2.53	6.01	0.0513	0.00117	27.3	0.0146	0.00405	0.000041	0.00063	0.000296	0.244	0.00000204	0.000398	0.000561	0.00136	
2058 Aug	1790	0.195	0.746	0.0219	86.8	0.0561	97.4	0.00083	0.00083	0.0000061	0.00482	0.00128	0.063	0.0085	0.00000545	15.1	0.0000252	0.000168	0.00023	0.0022	0.015	0.0000104	2.55	6.06	0.0518	0.00118	27.5	0.0147	0.00407	0.0000412	0.000635	0.000299	0.246	0.00000205	0.000401	0.000565	0.00137	
2058 Sep	1800	0.196	0.75	0.022	87	0.0562	97.8	0.000829	0.000829	0.00000611	0.00483	0.00128	0.0633	0.00851	0.00000545	15.1	0.0000253	0.000168	0.000231	0.00221	0.015	0.0000105	2.56	6.08	0.052	0.00118	27.6	0.0148	0.00407	0.0000412	0.000638	0.0003	0.247	0.00000205	0.000403	0.000568	0.00137	
2058 Oct	1800	0.196	0.751	0.0221	87.1	0.0563	98	0.000828	0.000828	0.00000611	0.00484	0.00129	0.0634	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.56	6.09	0.0521	0.00118	27.6	0.0148	0.00407	0.0000412	0.000639	0.0003	0.248	0.00000205	0.000404	0.000569	0.00138	
2058 Nov	1800	0.196	0.752	0.0221	87.2	0.0563	98.1	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0635	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.56	6.1	0.0521	0.00119	27.6	0.0148	0.00407	0.0000412	0.00064	0.0003	0.248	0.00000205	0.000404	0.000569	0.00138	
2058 Dec	1800	0.196	0.752	0.0221	87.2	0.0563	98.1	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0635	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.56	6.1	0.0521	0.00119	27.6	0.0148	0.00407	0.0000412	0.00064	0.0003	0.248	0.00000206	0.000404	0.000569	0.00138	
2059 Jan	1800	0.196	0.752	0.0221	87.2	0.0563	98.1	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0635	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.56	6.1	0.0521	0.00119	27.6	0.0148	0.00407	0.0000412	0.00064	0.0003	0.248	0.00000206	0.000404	0.000569	0.00138	
2059 Feb	1800	0.196	0.752	0.0221	87.2	0.0563	98.1	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0635	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.56	6.1	0.0521	0.00119	27.6	0.0148	0.00407	0.0000412	0.00064	0.0003	0.248	0.00000206	0.000404	0.000569	0.00138	
2059 Mar	1800	0.196	0.752	0.0221	87.2	0.0563	98.1	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0635	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.56	6.1	0.0521	0.00119	27.6	0.0148	0.00407	0.0000412	0.00064	0.0003	0.248	0.00000206	0.000404	0.000569	0.00138	
2059 Apr	1800	0.197	0.752	0.0221	87.2	0.0563	98.1	0.000829	0.000829	0.00000611	0.00484	0.00129	0.0635	0.00851	0.00000545	15.1	0.0000254	0.000169	0.000231	0.00221	0.015	0.0000105	2.57	6.1	0.0522	0.00119	27.6	0.0149	0.00407	0.0000412	0.00064	0.000301	0.248	0.00000206	0.000404	0.000569	0.00138	
2059 May	1800	0.197	0.754	0.0221	87.4	0.0565	98.3	0.00083	0.00083	0.00000612	0.00485	0.00129	0.0637	0.00853	0.00000546	15.2	0.0000255	0.000169	0.000232	0.00222	0.015	0.0000105	2.57	6.11	0.0523	0.00119	27.7	0.0149	0.00408	0.0000413	0.000641	0.000301	0.248	0.00000206	0.000405	0.000571	0.00138	
2059 Jun	1820	0.198	0.759	0.0223	87.7	0.0566	98.9	0.000827	0.000827	0.00000612	0.00486	0.0013	0.064	0.00852	0.00000546	15.2	0.0000256	0.00017	0.000233	0.00223	0.015	0.0000106	2.58	6.14	0.0526	0.0012	27.8	0.015	0.00407	0.0000412	0.000645	0.000303	0.25	0.00000206	0.000407	0.000574	0.00138	
2059 Jul	1830	0.2	0.767	0.0225	88.5	0.0571	99.9	0.000834	0.000834	0.00000617	0.0049	0.00131	0.0647	0.00859	0.0000055	15.4	0.0000258	0.000171	0.000235	0.00225	0.0152	0.0000107	2.61	6.2	0.0531

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2062 Jun	1990	0.217	0.834	0.0244	93.4	0.0598	108	0.000817	0.000817	0.00000627	0.00509	0.0014	0.07	0.00869	0.00000554	16.1	0.0000277	0.000182	0.000248	0.00238	0.0153	0.0000116	2.76	6.66	0.0576	0.00131	29.5	0.0164	0.00408	0.0000417	0.000708	0.000329	0.272	0.00000207	0.000447	0.000625	0.00145	
2062 Jul	2010	0.219	0.84	0.0245	93.8	0.06	109	0.000815	0.000815	0.00000627	0.0051	0.00141	0.0705	0.00869	0.00000554	16.2	0.0000278	0.000182	0.00025	0.00239	0.0154	0.0000117	2.77	6.69	0.058	0.00132	29.6	0.0165	0.00407	0.0000417	0.000712	0.000331	0.274	0.00000207	0.00045	0.000629	0.00145	
2062 Aug	2020	0.221	0.846	0.0247	94.4	0.0603	110	0.000815	0.000815	0.00000629	0.00513	0.00142	0.071	0.00871	0.00000555	16.3	0.000028	0.000183	0.000251	0.0024	0.0154	0.0000118	2.79	6.74	0.0584	0.00133	29.8	0.0167	0.00408	0.0000418	0.000717	0.000333	0.275	0.00000208	0.000453	0.000633	0.00146	
2062 Sep	2030	0.221	0.848	0.0248	94.5	0.0604	110	0.000812	0.000812	0.00000628	0.00513	0.00142	0.0712	0.0087	0.00000554	16.3	0.0000281	0.000184	0.000251	0.00241	0.0154	0.0000118	2.79	6.75	0.0586	0.00133	29.8	0.0167	0.00407	0.0000417	0.00072	0.000334	0.276	0.00000207	0.000454	0.000635	0.00146	
2062 Oct	2030	0.221	0.848	0.0248	94.1	0.0601	110	0.000803	0.000803	0.00000623	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.00025	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000205	0.000454	0.000634	0.00145	
2062 Nov	2030	0.221	0.848	0.0248	94.1	0.0601	110	0.000803	0.000803	0.00000623	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.000251	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000205	0.000454	0.000634	0.00145	
2062 Dec	2030	0.221	0.848	0.0248	94.2	0.0601	110	0.000803	0.000803	0.00000623	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.000251	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000205	0.000454	0.000634	0.00145	
2063 Jan	2030	0.221	0.848	0.0248	94.2	0.0601	110	0.000803	0.000803	0.00000623	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.000251	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000205	0.000454	0.000634	0.00145	
2063 Feb	2030	0.221	0.848	0.0248	94.2	0.0601	110	0.000803	0.000803	0.00000623	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.000251	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000205	0.000454	0.000634	0.00145	
2063 Mar	2030	0.221	0.848	0.0248	94.2	0.0601	110	0.000803	0.000803	0.00000623	0.0051	0.00142	0.0711	0.00863	0.00000549	16.2	0.000028	0.000183	0.000251	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.000719	0.000334	0.276	0.00000205	0.000454	0.000634	0.00145	
2063 Apr	2030	0.221	0.848	0.0248	94.2	0.0602	110	0.000803	0.000803	0.00000624	0.0051	0.00142	0.0712	0.00863	0.00000549	16.2	0.000028	0.000183	0.000251	0.0024	0.0153	0.0000118	2.78	6.74	0.0585	0.00133	29.7	0.0167	0.00403	0.0000414	0.00072	0.000334	0.276	0.00000206	0.000454	0.000635	0.00145	
2063 May	2030	0.222	0.85	0.0248	94.3	0.0603	111	0.000804	0.000804	0.00000624	0.00511	0.00143	0.0713	0.00864	0.0000055	16.2	0.0000281	0.000183	0.000251	0.0024	0.0153	0.0000118	2.79	6.76	0.0587	0.00133	29.7	0.0167	0.00403	0.0000414	0.000721	0.000335	0.276	0.00000206	0.000455	0.000636	0.00145	
2063 Jun	2030	0.222	0.851	0.0248	93.9	0.0599	111	0.000789	0.000789	0.00000617	0.00507	0.00142	0.0713	0.00853	0.00000542	16.1	0.000028	0.000183	0.00025	0.00239	0.0151	0.0000118	2.78	6.74	0.0587	0.00133	29.6	0.0167	0.00397	0.0000408	0.000721	0.000334	0.276	0.00000203	0.000455	0.000635	0.00144	
2063 Jul	2050	0.223	0.856	0.025	94.3	0.0601	111	0.000787	0.000787	0.00000618	0.00509	0.00143	0.0718	0.00854	0.00000543	16.2	0.0000282	0.000184	0.000251	0.0024	0.0151	0.0000119	2.79	6.78	0.059	0.00134	29.7	0.0169	0.00396	0.0000409	0.000726	0.000336	0.278	0.00000203	0.000458	0.000639	0.00144	
2063 Aug	2070	0.225	0.864	0.0252	95.1	0.0606	112	0.000792	0.000792	0.00000622	0.00513	0.00144	0.0724	0.0086	0.00000547	16.3	0.0000284	0.000185	0.000253	0.0024	0.0152	0.000012	2.81	6.84	0.0595	0.00135	29.9	0.017	0.00399	0.0000412	0.000732	0.000339	0.28	0.00000204	0.000462	0.000645	0.00145	
2063 Sep	2070	0.226	0.867	0.0253	95.4	0.0608	113	0.000793	0.000793	0.00000623	0.00514	0.00145	0.0727	0.00862	0.00000547	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.86	0.0598	0.00136	30	0.0171	0.00399	0.0000412	0.000735	0.000341	0.281	0.00000204	0.000464	0.000647	0.00146	
2063 Oct	2080	0.226	0.868	0.0253	95.4	0.0607	113	0.00079	0.00079	0.00000623	0.00514	0.00145	0.0727	0.0086	0.00000546	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.000012	2.82	6.87	0.0598	0.00136	30	0.0171	0.00399	0.0000411	0.000736	0.000341	0.282	0.00000204	0.000464	0.000648	0.00146	
2063 Nov	2080	0.226	0.868	0.0253	95.4	0.0608	113	0.00079	0.00079	0.00000623	0.00514	0.00145	0.0727	0.0086	0.00000546	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30	0.0171	0.00399	0.0000411	0.000736	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	
2063 Dec	2080	0.226	0.869	0.0253	95.4	0.0608	113	0.00079	0.00079	0.00000623	0.00514	0.00145	0.0728	0.00861	0.00000546	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30	0.0171	0.00399	0.0000411	0.000736	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	
2064 Jan	2080	0.226	0.869	0.0253	95.4	0.0608	113	0.00079	0.00079	0.00000623	0.00514	0.00145	0.0728	0.00861	0.00000546	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30	0.0171	0.00399	0.0000411	0.000736	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	
2064 Feb	2080	0.226	0.869	0.0253	95.4	0.0608	113	0.00079	0.00079	0.00000623	0.00514	0.00145	0.0728	0.00861	0.00000546	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30	0.0171	0.00399	0.0000411	0.000736	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	
2064 Mar	2080	0.226	0.869	0.0254	95.4	0.0608	113	0.0000791	0.0000791	0.00000623	0.00514	0.00145	0.0728	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30	0.0171	0.00399	0.0000411	0.000736	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	
2064 Apr	2080	0.226	0.869	0.0254	95.5	0.0608	113	0.0000791	0.0000791	0.00000623	0.00514	0.00145	0.0728	0.00861	0.00000547	16.4	0.0000285	0.000186	0.000254	0.0024	0.0152	0.0000121	2.82	6.87	0.0599	0.00136	30.1	0.0171	0.00399	0.0000412	0.000737	0.000341	0.282	0.00000204	0.000465	0.000648	0.00146	
2064 May	2080	0.227	0.871	0.0254	95.6	0.0609	113	0.0000791	0.0000791	0.00000623	0.00515	0.00145	0.0729	0.00861	0.00000547	16.4	0.0000286	0.000186	0.000255	0.00244	0.0152	0.0000121	2.83	6.89	0.06	0.00136	30.1	0.0171	0.00399	0.0000412	0.000738	0.000341	0.282	0.00000204	0.000466	0.000649	0.00146	
2064 Jun	2090	0.227	0.873	0.0255	95.4	0.0607	113	0.00078	0.00078	0.00000618	0.00512	0.00145	0.073	0.00854	0.00000542	16.4	0.0000286	0.000186	0.000254	0.0024	0.0151	0.0000121	2.82	6.89	0.0601	0.00136	30	0.0172	0.00394	0.0000408	0.000739	0.000342	0.283	0.00000202	0.000467	0.00065	0.00145	
2064 Jul	2100	0.229	0.88	0.0257	96.1	0.0611	114	0.0000783	0.0000783	0.00000622	0.00516	0.00146	0.0736	0.00859	0.00000545	16.5	0.0000288	0.000187	0.000256	0.0024	0.0152	0.0000122	2.84	6.94	0.0606	0.00138	30.2	0.0173	0.00396	0.0000411	0.000746	0.000345	0.285	0.00000203	0.000471	0.000656	0.00146	
2064 Aug	2120	0.231	0.886	0.0258	96.6	0.0614	115	0.0000784	0.0000784	0.00000624	0.00518	0.00147	0.0741	0.00861	0.00000546	16.6	0.000029	0.000188	0.000257	0.00246	0.0152	0.0000123	2.86	6.98	0.061	0.00138	30.4	0.0174	0.00397	0.0000411	0.00075	0.000347	0.287	0.00000204	0.000474	0.00066	0.00147	
2064 Sep	2120	0.231	0.889	0.0259	96.8	0.0615	115	0.0000781	0.0000781	0.00000623	0.00518	0.00148	0.0743	0.0086	0.00000545	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.86	7	0.0612	0.00139	30.4	0.0175	0.00396	0.0000411	0.000753	0.000348	0.287	0.00000203	0.000475	0.000661	0.00147	
2064 Oct	2130	0.232	0.89	0.0259	96.9	0.0615	116	0.0000782	0.0000782	0.00000624	0.00519	0.00148	0.0744	0.00861	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00396	0.0000411	0.000754	0.000348	0.288	0.00000203	0.000476	0.000662	0.00147	
2064 Nov	2130	0.232	0.89	0.026	96.9	0.0616	116	0.0000782	0.0000782	0.00000624	0.00519	0.00148	0.0745	0.00861	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00396	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000663	0.00147	
2064 Dec	2130	0.232	0.891	0.026	96.9	0.0616	116	0.0000782	0.0000782	0.00000624	0.00519	0.00148	0.0745	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00396	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000663	0.00147	
2065 Jan	2130	0.232	0.891	0.026	96.9	0.0616	116	0.0000782	0.0000782	0.00000624	0.00519	0.00148	0.0745	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.87	7.01	0.0613	0.00139	30.5	0.0175	0.00396	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000663	0.00147	
2065 Feb	2130	0.232	0.891	0.026	96.9	0.0616	116	0.0000782	0.0000782	0.00000624	0.00519	0.00148	0.0745	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.87	7.02	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000754	0.000348	0.288	0.00000204	0.000476	0.000663	0.00147	
2065 Mar	2130	0.232	0.891	0.026	97	0.0616	116	0.0000782	0.0000782	0.00000624	0.00519	0.00148	0.0745	0.00862	0.00000546	16.6	0.0000291	0.000189	0.000258	0.00247	0.0152	0.0000123	2.87	7.02	0.0613	0.00139	30.5	0.0175	0.00397	0.0000411	0.000755	0.000348	0.288	0.00000204	0.000476	0.000663	0.00147	
2065 Apr	2130	0.232	0.891	0.026	97	0.0616	116	0.0000783	0.0000783	0.00000625	0.0052	0.00148	0.0746	0.00862	0.00000547	16.6	0.0000291	0.000189	0.000259	0.00247	0.0153	0.0000124	2.87	7.02	0.0614	0.00139	30.5	0.0175	0.00397	0.0000411	0.000755	0.000349	0.288	0.00000204	0.000476	0.000663	0.00147	
2065 May	2140	0.233	0.893	0.026	97.2	0.0617	116	0.0000784	0.0000784	0.00000626	0.00521	0.00148	0.0747	0.00864	0.00000547	16.7	0.0000292	0.000189	0.000259	0.00248	0.0153	0.0000124	2.88	7.04	0.0615	0.0014	30.6	0.0176	0.00397	0.0000412	0.000757	0.000349	0.289	0.00000204	0.000478	0.000665	0.00148	
2065 Jun	2140	0.233	0.896	0.0261	97.2	0.0616	116	0.0000776	0.0000776	0.00000622	0.00519	0.00148	0.0749	0.00858	0.00000545	16.7	0.0000292	0.000189	0.000259	0.00248	0.0152	0.0000124	2.88	7.04	0.0617	0.0014	30.5	0.0176	0.00394	0.0000409	0.000759	0.000351	0.289	0.00000203	0.000479	0.000666	0.00147	
2065 Jul	2160	0.236	0.905	0.0264	98.1	0.0622	117	0.0000781	0.0000781	0.00000627	0.00524	0.0015	0.0757	0.00865	0.00000548	16.8	0.0000295	0.000191	0.000261	0.0025	0.0153	0.0000125	2.9	7.12	0.0623	0.00141	30.8	0.0178	0.00397	0.0000412	0.000767	0.000353	0.292	0.00000204	0.000484	0.000673	0.00148	
2065 Aug	2180	0.238	0.913	0.0266	98.9	0.0627	119	0.0000785	0.0000785	0.00000632	0.00528	0.00151	0.0763	0.00871	0.00000552	16.9	0.0000298	0.000193	0.000264	0.00252	0.0154	0.0000126	2.93	7.18	0.0628	0.00143	31.1	0.018	0.00399	0.0000415	0.000773	0.000356	0.295	0.00000205	0.000488	0.000679	0.0015	
2065 Sep	2190	0.238	0.916	0.0267	98.9	0.0627	119	0.0000781	0.0000781	0.0000063	0.00527	0.00152	0.0765	0.00869	0.0000055	16.9	0.0000298	0.000193	0.000264	0.00253	0.0154	0.0000127	2.93	7.19	0.063	0.00143	31.1	0.018	0.00398	0.0000413	0.000775	0.000357	0.295	0.00000205	0.000489	0.00068	0.00149	
2065 Oct	2190	0.238	0.915	0.0267	98.7	0.0625	119	0.0000774	0.0000774	0.00000627	0.00525	0.00151	0.0764	0.00863	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252	0.0153	0.0000127	2.92	7.18	0.0629	0.00143	31	0.018	0.00395	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	
2065 Nov	2190	0.238	0.915	0.0267	98.7	0.0625	119	0.0000773	0.0000773	0.00000626	0.00525	0.00151	0.0765	0.00863	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252	0.0153	0.0000127	2.92	7.18	0.063	0.00143	31	0.018	0.00394	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	
2066 Jan	2190	0.238	0.915	0.0267	98.7	0.0625	119	0.0000774	0.0000774	0.00000626	0.00525	0.00151	0.0765	0.00863	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252	0.0153	0.0000127	2.92	7.18	0.063	0.00143	31	0.018	0.00394	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	
2066 Feb	2190	0.238	0.915	0.0267	98.7	0.0625	119	0.0000774	0.0000774	0.00000626	0.00525	0.00151	0.0765	0.00863	0.00000546	16.9	0.0000298	0.000192	0.000263	0.00252	0.0153	0.0000127	2.92	7.18	0.063	0.00143	31	0.018	0.00394	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	
2066 Mar	2190	0.238	0.916	0.0267	98.7	0.0625	119	0.0000774	0.0000774	0.00000627	0.00526	0.00151	0.0765	0.00864	0.00000546	16.9	0.0000298	0.000193	0.000263	0.00252	0.0153	0.0000127	2.92	7.18	0.063	0.00143	31	0.018	0.00395	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	
2066 Apr	2190	0.238	0.916	0.0267	98.7	0.0626	119	0.0000774	0.0000774	0.00000627	0.00526	0.00151	0.0765	0.00864	0.00000547	16.9	0.0000298	0.000193	0.000263	0.00252	0.0153	0.0000127	2.93	7.18	0.063	0.00143	31	0.018	0.00395	0.0000411	0.000775	0.000357	0.295	0.00000203	0.000489	0.00068	0.00149	
2066 May	2190	0.239	0.918	0.0267	98.9	0.0627	119	0.0000775	0.0000775	0.00000628	0.00527	0.00152	0.0766	0.00865	0.00000547	16.9	0.0000298	0.000193	0.000264	0.00253	0.0153	0.0000127	2.93	7.2	0.0631	0.00143	31.1	0.018	0.00395	0.0000411	0.000777	0.000358	0.296	0.00000204	0.00049	0.000681	0.00149	
2066 Jun	2200	0.239	0.919	0.0268	98.7	0.0625	119	0.0000766	0.0000766	0.00000624	0.00525	0.00152	0.0767	0.00859	0.00000543	16.9	0.0000298	0.000193	0.000263	0.00252	0.0152	0.0000127	2.93	7.2	0.0632	0.00143	31	0.0181	0.00391	0.0000408	0.000778	0.000358	0.296	0.00000202	0.000491	0.000682	0.00149	
2066 Jul	2220	0.242	0.93	0.0271	99.8	0.0631	121	0.0000771	0.0000771	0.00000629	0.0053	0.00153	0.0776	0.00866	0.00000547	17.1	0.0000302	0.000195	0.000266	0.00255	0.0153	0.0000129	2.96	7.28	0.0639	0.00145	31.3	0.0183	0.00394	0.0000411	0.000787	0.000362	0.299	0.00000203	0.000497	0.000689	0.0015	
2066 Aug	2240	0.244	0.938	0.0273	101	0.0636	122	0.0000775	0.0000775	0.00000633	0.00534	0.00155	0.0783	0.00872	0.00000551	17.2	0.0000304	0.000196	0.000268	0.00257	0.0154	0.000013	2.98	7.34	0.0645	0.00146	31.5	0.0184	0.00397	0.0000414	0.000794	0.000365	0.302	0.00000205	0.000501	0.000695	0.00151	
2066 Sep	2250	0.245	0.941	0.0274	101	0.0638	122	0.0000775	0.0000775	0.00000634	0.00535	0.00155	0.0786	0.00873	0.00000551	17.2	0.0000305	0.000197	0.000269	0.00258	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00397	0.0000414	0.000797	0.000366	0.303	0.00000205	0.000503	0.000698	0.00151	
2066 Oct	2250	0.245	0.942	0.0274	101	0.0637	122	0.0000772	0.0000772	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00257	0.0154	0.000013	2.99	7.36	0.0647	0.00147	31.6	0.0185	0.00396	0.0000413	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	
2066 Nov	2250	0.245	0.942	0.0274	101	0.0637	122	0.0000772	0.0000772	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00258	0.0154	0.000013	2.99	7.37	0.0648	0.00147	31.6	0.0185	0.00395	0.0000413	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	
2066 Dec	2250	0.245	0.942	0.0274	101	0.0637	122	0.0000772	0.0000772	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00258	0.0154	0.000013	2.99	7.37	0.0648	0.00147	31.6	0.0185	0.00396	0.0000413	0.000797	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	
2067 Jan	2250	0.245	0.942	0.0274	101	0.0637	122	0.0000772	0.0000772	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00258	0.0154	0.000013	2.99	7.37	0.0648	0.00147	31.6	0.0185	0.00396	0.0000413	0.000798	0.000366	0.303	0.00000204	0.000503	0.000698	0.00151	
2067 Feb	2250	0.245	0.943	0.0274	101	0.0637	122	0.0000772	0.0000772	0.00000633	0.00534	0.00155	0.0786	0.00871	0.0000055	17.2	0.0000305	0.000197	0.000269	0.00258	0.0154	0.000013	2.99	7.37	0.0648	0.00147	31.6	0.0185	0.00396	0.0000413	0.000798	0.000

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2069 Dec	2420	0.264	1.01	0.0295	106	0.0667	131	0.000756	0.000756	0.00000644	0.00555	0.00165	0.0844	0.00882	0.00000555	18.1	0.0000325	0.000208	0.000284	0.00272	0.0156	0.000014	3.15	7.85	0.0696	0.00158	33.2	0.0199	0.00393	0.0000415	0.000857	0.000392	0.324	0.00000205	0.000541	0.000747	0.00157	
2070 Jan	2420	0.264	1.01	0.0295	106	0.0667	131	0.000756	0.000756	0.00000644	0.00555	0.00165	0.0844	0.00882	0.00000555	18.1	0.0000325	0.000208	0.000284	0.00272	0.0156	0.000014	3.15	7.85	0.0696	0.00158	33.2	0.0199	0.00393	0.0000415	0.000857	0.000392	0.324	0.00000205	0.000541	0.000747	0.00157	
2070 Feb	2420	0.264	1.01	0.0295	106	0.0667	131	0.000756	0.000756	0.00000644	0.00555	0.00165	0.0844	0.00882	0.00000555	18.1	0.0000325	0.000208	0.000284	0.00272	0.0156	0.000014	3.15	7.85	0.0696	0.00158	33.2	0.0199	0.00393	0.0000415	0.000857	0.000392	0.324	0.00000205	0.000541	0.000747	0.00157	
2070 Mar	2420	0.264	1.01	0.0295	106	0.0667	131	0.000756	0.000756	0.00000644	0.00555	0.00165	0.0844	0.00882	0.00000555	18.1	0.0000325	0.000208	0.000284	0.00272	0.0156	0.000014	3.16	7.85	0.0696	0.00158	33.2	0.0199	0.00393	0.0000415	0.000857	0.000392	0.324	0.00000205	0.000541	0.000748	0.00157	
2070 Apr	2430	0.264	1.02	0.0295	106	0.0667	131	0.000756	0.000756	0.00000644	0.00555	0.00166	0.0845	0.00883	0.00000555	18.1	0.0000325	0.000208	0.000284	0.00272	0.0156	0.000014	3.16	7.86	0.0696	0.00158	33.2	0.0199	0.00394	0.0000416	0.000858	0.000392	0.325	0.00000205	0.000541	0.000748	0.00157	
2070 May	2430	0.265	1.02	0.0296	106	0.0668	132	0.000757	0.000757	0.00000645	0.00556	0.00166	0.0847	0.00884	0.00000556	18.1	0.0000326	0.000208	0.000285	0.00272	0.0157	0.000014	3.16	7.88	0.0698	0.00158	33.3	0.02	0.00394	0.0000416	0.00086	0.000393	0.325	0.00000205	0.000542	0.00075	0.00157	
2070 Jun	2440	0.265	1.02	0.0296	106	0.0668	132	0.000751	0.000751	0.00000643	0.00555	0.00166	0.0848	0.00881	0.00000553	18.1	0.0000326	0.000208	0.000285	0.00272	0.0156	0.000141	3.16	7.88	0.0699	0.00158	33.3	0.02	0.00392	0.0000414	0.000861	0.000393	0.326	0.00000204	0.000543	0.000751	0.00157	
2070 Jul	2460	0.267	1.03	0.0299	107	0.0673	133	0.000755	0.000755	0.00000647	0.00559	0.00167	0.0855	0.00886	0.00000557	18.2	0.0000329	0.00021	0.000287	0.00275	0.0157	0.0000142	3.19	7.95	0.0705	0.0016	33.5	0.0202	0.00394	0.0000417	0.000869	0.000396	0.329	0.00000206	0.000548	0.000757	0.00158	
2070 Aug	2470	0.269	1.04	0.0301	108	0.0677	134	0.000758	0.000758	0.0000065	0.00563	0.00169	0.0861	0.00891	0.00000559	18.3	0.0000331	0.000211	0.000289	0.00276	0.0158	0.0000143	3.21	8	0.071	0.00161	33.7	0.0203	0.00396	0.0000419	0.000875	0.000399	0.331	0.00000206	0.000552	0.000762	0.00159	
2070 Sep	2480	0.27	1.04	0.0301	108	0.0677	134	0.000755	0.000755	0.0000065	0.00563	0.00169	0.0863	0.0089	0.00000559	18.4	0.0000332	0.000212	0.000289	0.00277	0.0158	0.0000143	3.21	8.02	0.0711	0.00161	33.8	0.0204	0.00395	0.0000418	0.000877	0.0004	0.331	0.00000206	0.000553	0.000764	0.00159	
2070 Oct	2480	0.27	1.04	0.0301	108	0.0677	134	0.000752	0.000752	0.00000648	0.00562	0.00169	0.0863	0.00887	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.331	0.00000205	0.000553	0.000763	0.00159	
2070 Nov	2480	0.27	1.04	0.0301	108	0.0677	134	0.000752	0.000752	0.00000648	0.00562	0.00169	0.0863	0.00887	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.331	0.00000205	0.000553	0.000764	0.00159	
2070 Dec	2480	0.27	1.04	0.0301	108	0.0677	134	0.000752	0.000752	0.00000648	0.00562	0.00169	0.0863	0.00888	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.331	0.00000205	0.000553	0.000764	0.00159	
2071 Jan	2480	0.27	1.04	0.0301	108	0.0677	134	0.000752	0.000752	0.00000648	0.00562	0.00169	0.0863	0.00888	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.331	0.00000205	0.000553	0.000764	0.00159	
2071 Feb	2480	0.27	1.04	0.0301	108	0.0677	134	0.000752	0.000752	0.00000648	0.00562	0.00169	0.0863	0.00888	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.331	0.00000205	0.000553	0.000764	0.00159	
2071 Mar	2480	0.27	1.04	0.0301	108	0.0677	134	0.000752	0.000752	0.00000648	0.00562	0.00169	0.0863	0.00888	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.01	0.0711	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.331	0.00000205	0.000553	0.000764	0.00159	
2071 Apr	2480	0.27	1.04	0.0301	108	0.0677	134	0.000753	0.000753	0.00000648	0.00562	0.00169	0.0863	0.00888	0.00000557	18.3	0.0000332	0.000211	0.000289	0.00276	0.0157	0.0000143	3.21	8.02	0.0712	0.00161	33.7	0.0204	0.00394	0.0000417	0.000877	0.0004	0.332	0.00000206	0.000553	0.000764	0.00159	
2071 May	2480	0.27	1.04	0.0302	108	0.0677	135	0.000752	0.000752	0.00000649	0.00563	0.00169	0.0864	0.00888	0.00000557	18.4	0.0000332	0.000212	0.000289	0.00277	0.0157	0.0000143	3.21	8.02	0.0712	0.00161	33.8	0.0204	0.00394	0.0000417	0.000878	0.0004	0.332	0.00000206	0.000554	0.000765	0.00159	
2071 Jun	2480	0.27	1.04	0.0302	108	0.0675	135	0.000744	0.000744	0.00000644	0.0056	0.00169	0.0864	0.00882	0.00000553	18.3	0.0000332	0.000211	0.000288	0.00276	0.0156	0.0000143	3.21	8.01	0.0712	0.00161	33.7	0.0204	0.0039	0.0000414	0.000878	0.0004	0.332	0.00000204	0.000554	0.000764	0.00158	
2071 Jul	2500	0.272	1.05	0.0304	108	0.0679	135	0.000745	0.000745	0.00000647	0.00563	0.0017	0.0869	0.00885	0.00000555	18.4	0.0000334	0.000212	0.00029	0.00278	0.0157	0.0000144	3.23	8.06	0.0717	0.00162	33.8	0.0205	0.00391	0.0000415	0.000884	0.000403	0.334	0.00000205	0.000557	0.000769	0.00159	
2071 Aug	2520	0.274	1.05	0.0306	109	0.0683	136	0.000749	0.000749	0.00000651	0.00567	0.00171	0.0876	0.0089	0.00000558	18.5	0.0000336	0.000214	0.000292	0.0028	0.0158	0.0000145	3.25	8.12	0.0722	0.00164	34.1	0.0207	0.00393	0.0000418	0.00089	0.000406	0.336	0.00000206	0.000562	0.000775	0.0016	
2071 Sep	2520	0.274	1.06	0.0306	109	0.0684	137	0.000746	0.000746	0.0000065	0.00567	0.00171	0.0877	0.00889	0.00000557	18.5	0.0000337	0.000214	0.000292	0.0028	0.0158	0.0000145	3.25	8.13	0.0723	0.00164	34.1	0.0207	0.00392	0.0000417	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2071 Oct	2520	0.275	1.06	0.0307	109	0.0683	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00887	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000145	3.25	8.13	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2071 Nov	2520	0.275	1.06	0.0307	109	0.0683	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00887	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000892	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2071 Dec	2520	0.275	1.06	0.0307	109	0.0683	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00887	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000893	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2072 Jan	2520	0.275	1.06	0.0307	109	0.0683	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00887	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000893	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2072 Feb	2520	0.275	1.06	0.0307	109	0.0683	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00887	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000893	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2072 Mar	2520	0.275	1.06	0.0307	109	0.0683	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00887	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000893	0.000406	0.337	0.00000205	0.000563	0.000776	0.0016	
2072 Apr	2530	0.275	1.06	0.0307	109	0.0684	137	0.000744	0.000744	0.00000649	0.00566	0.00171	0.0878	0.00888	0.00000556	18.5	0.0000337	0.000214	0.000292	0.0028	0.0157	0.0000146	3.25	8.14	0.0724	0.00164	34.1	0.0207	0.00391	0.0000416	0.000893	0.000407	0.337	0.00000205	0.000563	0.000777	0.0016	
2072 May	2530	0.275	1.06	0.0307	110	0.0685	137	0.000746	0.000746	0.00000651	0.00568	0.00172	0.088	0.0089	0.00000558	18.6	0.0000338	0.000215	0.000293	0.00281	0.0158	0.0000146	3.26	8.16	0.0726	0.00164	34.2	0.0208	0.00392	0.0000417	0.000895	0.000407	0.338	0.00000205	0.000564	0.000778	0.0016	
2072 Jun	2540	0.276	1.06	0.0308	110	0.0686	137	0.000743	0.000743	0.0000065	0.00568	0.00172	0.0882	0.00888	0.00000557	18.6	0.0000338	0.000215	0.000293	0.00281	0.0158	0.0000146	3.26	8.17	0.0727	0.00165	34.2	0.0208	0.00391	0.0000416	0.000897	0.000408	0.338	0.00000205	0.000566	0.00078	0.0016	
2072 Jul	2550	0.278	1.07	0.031	110	0.0689	138	0.000744	0.000744	0.00000652	0.00571	0.00173	0.0888	0.00892	0.00000558	18.7	0.000034	0.000216	0.000295	0.00282	0.0158	0.0000147	3.28	8.22	0.0732	0.00166	34.4	0.021	0.00392	0.0000418	0.000903	0.000411	0.341	0.00000205	0.000569	0.000785	0.00161	
2072 Aug	2570	0.279	1.07	0.0312	111	0.0691	139	0.000743	0.000743	0.00000653	0.00572	0.00174	0.0892	0.00892	0.00000559	18.7	0.0000342	0.000217	0.000296	0.00283	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00392	0.0000418	0.000907	0.000413	0.342	0.00000205	0.000572	0.000788	0.00162	
2072 Sep	2570	0.28	1.08	0.0312	111	0.0692	139	0.00074	0.00074	0.00000652	0.00572	0.00174	0.0894	0.00891	0.00000558	18.8	0.0000342	0.000217	0.000296	0.00284	0.0158	0.0000148	3.3	8.27	0.0737	0.00167	34.5	0.0211	0.00391	0.0000417	0.000909	0.000413	0.343	0.00000205	0.000573	0.00079	0.00162	
2072 Oct	2570	0.279	1.08	0.0312	111	0.069	139	0.000736	0.000736	0.0000065	0.00571	0.00174	0.0893	0.00888	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283	0.0158	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00389	0.0000415	0.000908	0.000413	0.342	0.00000204	0.000573	0.000789	0.00161	
2072 Nov	2570	0.28	1.08	0.0312	111	0.069	139	0.000736	0.000736	0.0000065	0.00571	0.00174	0.0893	0.00888	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283	0.0157	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00389	0.0000415	0.000908	0.000413	0.342	0.00000204	0.000573	0.000789	0.00161	
2072 Dec	2570	0.28	1.08	0.0312	111	0.069	139	0.000736	0.000736	0.0000065	0.00571	0.00174	0.0893	0.00888	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283	0.0157	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00389	0.0000415	0.000908	0.000413	0.342	0.00000204	0.000573	0.000789	0.00161	
2073 Jan	2570	0.28	1.08	0.0312	111	0.069	139	0.000736	0.000736	0.0000065	0.00571	0.00174	0.0893	0.00888	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283	0.0157	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00389	0.0000415	0.000908	0.000413	0.342	0.00000204	0.000573	0.000789	0.00161	
2073 Feb	2570	0.28	1.08	0.0312	111	0.069	139	0.000736	0.000736	0.0000065	0.00571	0.00174	0.0893	0.00888	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283	0.0157	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00389	0.0000415	0.000908	0.000413	0.342	0.00000204	0.000573	0.000789	0.00161	
2073 Mar	2570	0.28	1.08	0.0312	111	0.069	139	0.000736	0.000736	0.0000065	0.00571	0.00174	0.0893	0.00888	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00283	0.0157	0.0000148	3.29	8.26	0.0736	0.00167	34.5	0.0211	0.00389	0.0000415	0.000908	0.000413	0.342	0.00000204	0.000573	0.000789	0.00161	
2073 Apr	2570	0.28	1.08	0.0312	111	0.0691	139	0.000737	0.000737	0.00000651	0.00571	0.00174	0.0894	0.00889	0.00000556	18.7	0.0000342	0.000217	0.000296	0.00284	0.0158	0.0000148	3.29	8.27	0.0737	0.00167	34.5	0.0211	0.00389	0.0000416	0.000909	0.000413	0.343	0.00000204	0.000573	0.00079	0.00161	
2073 May	2580	0.28	1.08	0.0313	111	0.0692	140	0.000737	0.000737	0.00000651	0.00572	0.00174	0.0895	0.00889	0.00000556	18.8	0.0000342	0.000217	0.000297	0.00284	0.0158	0.0000148	3.3	8.28	0.0738	0.00167	34.5	0.0211	0.0039	0.0000416	0.000911	0.000414	0.343	0.00000205	0.000574	0.000791	0.00162	
2073 Jun	2580	0.28	1.08	0.0313	111	0.0691	140	0.000731	0.000731	0.00000649	0.00571	0.00174	0.0896	0.00885	0.00000554	18.7	0.0000342	0.000217	0.000296	0.00284	0.0157	0.0000148	3.3	8.28	0.0739	0.00167	34.5	0.0212	0.00387	0.0000414	0.000911	0.000414	0.343	0.00000203	0.000575	0.000791	0.00161	
2073 Jul	2600	0.282	1.09	0.0315	111	0.0695	141	0.000733	0.000733	0.00000652	0.00574	0.00176	0.0902	0.00889	0.00000556	18.8	0.0000345	0.000218	0.000298	0.00285	0.0158	0.000015	3.32	8.34	0.0744	0.00169	34.7	0.0213	0.00389	0.0000415	0.000918	0.000417	0.346	0.00000204	0.000579	0.000797	0.00162	
2073 Aug	2620	0.284	1.1	0.0317	112	0.0699	142	0.000736	0.000736	0.00000655	0.00577	0.00177	0.0908	0.00894	0.00000559	19	0.0000347	0.00022	0.0003	0.00287	0.0159	0.0000151	3.34	8.39	0.0749	0.0017	34.9	0.0215	0.0039	0.0000417	0.000924	0.00042	0.348	0.00000205	0.000583	0.000802	0.00163	
2073 Sep	2620	0.285	1.1	0.0318	112	0.07	142	0.000734	0.000734	0.00000655	0.00578	0.00177	0.091	0.00894	0.00000559	19	0.0000348	0.00022	0.000301	0.00288	0.0159	0.0000151	3.34	8.41	0.0751	0.0017	35	0.0215	0.0039	0.0000417	0.000926	0.000421	0.349	0.00000205	0.000584	0.000804	0.00163	
2073 Oct	2620	0.285	1.1	0.0318	112	0.0699	142	0.000731	0.000731	0.00000653	0.00577	0.00177	0.091	0.00891	0.00000557	19	0.0000348	0.00022	0.0003	0.00287	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00388	0.0000416	0.000926	0.00042	0.349	0.00000204	0.000584	0.000804	0.00163	
2073 Nov	2620	0.285	1.1	0.0318	112	0.0699	142	0.000731	0.000731	0.00000653	0.00577	0.00177	0.091	0.00891	0.00000557	19	0.0000348	0.00022	0.0003	0.00287	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00388	0.0000416	0.000926	0.00042	0.349	0.00000204	0.000584	0.000804	0.00163	
2073 Dec	2620	0.285	1.1	0.0318	112	0.0699	142	0.000731	0.000731	0.00000653	0.00577	0.00177	0.091	0.00891	0.00000557	19	0.0000348	0.00022	0.0003	0.00287	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00388	0.0000416	0.000926	0.00042	0.349	0.00000204	0.000584	0.000804	0.00163	
2074 Jan	2620	0.285	1.1	0.0318	112	0.0699	142	0.000731	0.000731	0.00000653	0.00577	0.00177	0.091	0.00891	0.00000557	19	0.0000348	0.00022	0.0003	0.00287	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00388	0.0000416	0.000926	0.00042	0.349	0.00000204	0.000584	0.000804	0.00163	
2074 Feb	2620	0.285	1.1	0.0318	112	0.0699	142	0.000731	0.000731	0.00000653	0.00577	0.00177	0.091	0.00891	0.00000557	19	0.0000348	0.00022	0.0003	0.00287	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00388	0.0000416	0.000926	0.00042	0.349	0.00000204	0.000584	0.000804	0.00163	
2074 Mar	2620	0.285	1.1	0.0318	112	0.0699	142	0.000731	0.000731	0.00000653	0.00577	0.00177	0.091	0.00891	0.00000557	19	0.0000348	0.00022	0.0003	0.00287	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	34.9	0.0215	0.00388	0.0000416	0.000926	0.00042	0.349	0.00000204	0.000584	0.000804	0.00163	
2074 Apr	2620	0.285	1.1	0.0318	112	0.07	142	0.000732	0.000732	0.00000654	0.00577	0.00177	0.0911	0.00892	0.00000557	19	0.0000348	0.00022	0.000301	0.00288	0.0158	0.0000151	3.34	8.41	0.0751	0.0017	35	0.0215	0.00389	0.0000416	0.000927	0.000421	0.349	0.00000205	0.000585	0.000805	0.00163	
2074 May	2630	0.286	1.1	0.0319	112	0.07	142	0.000731	0.000731	0.00000654	0.00578	0.00178	0.0913	0.00892	0.00000557	19	0.0000348	0.00022	0.000301	0.00288	0.0158	0.0000151	3.35	8.43	0.0753	0.0017	35	0.0216	0.00389	0.0000416	0.000929	0.000422	0.35	0.00000205	0.000586	0.000806	0.00163	
2074 Jun	2630	0.285	1.1	0.0318	112	0.0697	142	0.000721	0.000721	0.00000649	0.00575	0.00177	0.0911	0.00884	0.00000552	18.9	0.0000348	0.00022	0.0003	0.00287	0.0157	0.0000151	3.34	8.41	0.0752	0.0017	34.9	0.0215	0.00384	0.0000412	0.000928	0.000421	0.349	0.00000202	0.000585	0.000805	0.00162	
2074 Jul	2650	0.288	1.11	0.0321	113	0.0703	143	0.000725	0.000725	0.00000653	0.00579	0.00179	0.0919	0.0089	0.00000556	19.1	0.0000351	0.000222	0.000302	0.00289	0.0158	0.0000152	3.36	8.48	0.0758	0.00172	35.1	0.0217	0.00386	0.0000415	0.000936	0.000424	0.352	0.00000204	0.00059	0.000811	0.00163	
2074 Aug	2670	0.29	1.12	0.0324	114	0.0708	145	0.00073	0.00073	0.00000658	0.00584	0.0018	0.0927	0.00897	0

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2077 Jun	2790	0.303	1.17	0.0338	117	0.0727	151	0.000712	0.000712	0.00000662	0.00596	0.00187	0.0966	0.009	0.0000056	19.7	0.0000366	0.00023	0.000314	0.00301	0.016	0.000016	3.5	8.87	0.0797	0.0018	36.4	0.0228	0.00385	0.0000417	0.000984	0.000445	0.369	0.00000204	0.00062	0.000851	0.00168	
2077 Jul	2810	0.305	1.18	0.034	118	0.0732	152	0.000716	0.000716	0.00000667	0.006	0.00188	0.0973	0.00906	0.00000563	19.9	0.0000369	0.000232	0.000317	0.00303	0.0161	0.0000161	3.52	8.94	0.0803	0.00182	36.7	0.023	0.00387	0.0000442	0.000992	0.000448	0.372	0.00000206	0.000625	0.000858	0.00169	
2077 Aug	2830	0.308	1.19	0.0343	119	0.0737	153	0.00072	0.00072	0.00000671	0.00604	0.0019	0.0981	0.00912	0.00000567	20	0.0000372	0.000234	0.000319	0.00305	0.0162	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00389	0.0000422	0.001	0.000452	0.375	0.00000207	0.00063	0.000865	0.0017	
2077 Sep	2830	0.308	1.19	0.0343	119	0.0736	153	0.000715	0.000715	0.00000669	0.00603	0.0019	0.0981	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.01	0.0809	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000451	0.375	0.00000206	0.00063	0.000864	0.0017	
2077 Oct	2830	0.308	1.19	0.0343	119	0.0736	153	0.000714	0.000714	0.00000668	0.00603	0.0019	0.0981	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000452	0.375	0.00000206	0.00063	0.000865	0.0017	
2077 Nov	2830	0.308	1.19	0.0343	119	0.0736	153	0.000714	0.000714	0.00000668	0.00603	0.0019	0.0982	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000452	0.375	0.00000206	0.00063	0.000865	0.0017	
2077 Dec	2830	0.308	1.19	0.0343	119	0.0736	153	0.000715	0.000715	0.00000669	0.00603	0.0019	0.0982	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000452	0.375	0.00000206	0.00063	0.000865	0.0017	
2078 Jan	2830	0.308	1.19	0.0343	119	0.0736	153	0.000715	0.000715	0.00000669	0.00603	0.0019	0.0982	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000452	0.375	0.00000206	0.00063	0.000865	0.0017	
2078 Feb	2830	0.308	1.19	0.0343	119	0.0736	153	0.000715	0.000715	0.00000669	0.00603	0.0019	0.0982	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.01	0.081	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000452	0.375	0.00000206	0.00063	0.000865	0.0017	
2078 Mar	2830	0.308	1.19	0.0343	119	0.0736	153	0.000715	0.000715	0.00000669	0.00603	0.0019	0.0982	0.00908	0.00000564	20	0.0000372	0.000234	0.000319	0.00305	0.0161	0.0000163	3.55	9.02	0.081	0.00183	36.9	0.0232	0.00387	0.0000442	0.001	0.000452	0.375	0.00000206	0.00063	0.000865	0.0017	
2078 Apr	2840	0.308	1.19	0.0344	119	0.0737	153	0.000715	0.000715	0.00000669	0.00604	0.0019	0.0983	0.00909	0.00000565	20	0.0000373	0.000234	0.000319	0.00306	0.0161	0.0000163	3.55	9.02	0.0811	0.00184	37	0.0233	0.00388	0.0000421	0.001	0.000452	0.375	0.00000206	0.00063	0.000866	0.0017	
2078 May	2840	0.309	1.19	0.0344	119	0.0737	154	0.000714	0.000714	0.00000669	0.00604	0.0019	0.0984	0.00908	0.00000564	20	0.0000373	0.000234	0.000319	0.00306	0.0161	0.0000163	3.55	9.03	0.0812	0.00184	37	0.0233	0.00387	0.0000422	0.001	0.000453	0.376	0.00000206	0.00063	0.000867	0.0017	
2078 Jun	2840	0.308	1.19	0.0344	119	0.0735	153	0.000706	0.000706	0.00000665	0.00601	0.0019	0.0982	0.00902	0.00000056	20	0.0000372	0.000233	0.000318	0.00305	0.016	0.0000163	3.54	9.01	0.0811	0.00183	36.8	0.0232	0.00384	0.0000417	0.001	0.000452	0.375	0.00000204	0.00063	0.000865	0.00169	
2078 Jul	2860	0.311	1.2	0.0346	120	0.074	155	0.00071	0.00071	0.00000669	0.00606	0.00191	0.099	0.00909	0.00000564	20.1	0.0000375	0.000235	0.000321	0.00307	0.0161	0.0000164	3.57	9.09	0.0818	0.00185	37.1	0.0234	0.00386	0.0000442	0.00101	0.000456	0.378	0.00000206	0.00063	0.000873	0.00171	
2078 Aug	2880	0.313	1.21	0.0349	120	0.0744	156	0.000712	0.000712	0.00000672	0.00609	0.00192	0.0996	0.00912	0.00000566	20.2	0.0000377	0.000237	0.000323	0.00309	0.0162	0.0000165	3.59	9.14	0.0823	0.00186	37.3	0.0236	0.00387	0.0000421	0.00102	0.000458	0.381	0.00000206	0.00064	0.000878	0.00172	
2078 Sep	2890	0.314	1.21	0.035	121	0.0746	156	0.000712	0.000712	0.00000673	0.0061	0.00193	0.1	0.00914	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0825	0.00187	37.4	0.0237	0.00388	0.0000422	0.00102	0.00046	0.382	0.00000207	0.00064	0.000881	0.00172	
2078 Oct	2890	0.314	1.21	0.035	121	0.0746	156	0.000711	0.000711	0.00000673	0.0061	0.00193	0.1	0.00913	0.00000566	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00387	0.0000421	0.00102	0.00046	0.382	0.00000206	0.00064	0.000881	0.00172	
2078 Nov	2890	0.314	1.21	0.035	121	0.0746	156	0.000711	0.000711	0.00000673	0.0061	0.00193	0.1	0.00913	0.00000566	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00387	0.0000421	0.00102	0.00046	0.382	0.00000206	0.00064	0.000881	0.00172	
2078 Dec	2890	0.314	1.21	0.035	121	0.0746	156	0.000711	0.000711	0.00000673	0.0061	0.00193	0.1	0.00913	0.00000566	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00387	0.0000421	0.00102	0.00046	0.382	0.00000206	0.00064	0.000881	0.00172	
2079 Jan	2890	0.314	1.21	0.035	121	0.0746	156	0.000711	0.000711	0.00000673	0.0061	0.00193	0.1	0.00913	0.00000566	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00387	0.0000421	0.00102	0.00046	0.382	0.00000206	0.00064	0.000881	0.00172	
2079 Feb	2890	0.314	1.21	0.035	121	0.0746	156	0.000711	0.000711	0.00000673	0.0061	0.00193	0.1	0.00913	0.00000566	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00387	0.0000421	0.00102	0.00046	0.382	0.00000206	0.00064	0.000881	0.00172	
2079 Mar	2890	0.314	1.21	0.035	121	0.0746	156	0.000711	0.000711	0.00000673	0.0061	0.00193	0.1	0.00913	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00387	0.0000422	0.00102	0.00046	0.382	0.00000206	0.00064	0.000881	0.00172	
2079 Apr	2890	0.314	1.21	0.035	121	0.0747	156	0.000711	0.000711	0.00000673	0.00611	0.00193	0.1	0.00913	0.00000567	20.3	0.0000379	0.000237	0.000324	0.0031	0.0162	0.0000166	3.61	9.18	0.0826	0.00187	37.5	0.0237	0.00387	0.0000422	0.00102	0.00046	0.382	0.00000206	0.00064	0.000882	0.00172	
2079 May	2900	0.315	1.21	0.0351	121	0.0748	157	0.000713	0.000713	0.00000675	0.00612	0.00194	0.1	0.00915	0.00000568	20.3	0.000038	0.000238	0.000325	0.00311	0.0163	0.0000166	3.61	9.2	0.0828	0.00187	37.5	0.0238	0.00388	0.0000423	0.00102	0.000461	0.383	0.00000207	0.00064	0.000884	0.00172	
2079 Jun	2890	0.314	1.21	0.035	120	0.0745	156	0.000704	0.000704	0.00000667	0.00609	0.00193	0.1	0.00908	0.00000563	20.3	0.0000379	0.000237	0.000324	0.0031	0.0161	0.0000166	3.6	9.17	0.0826	0.00187	37.4	0.0237	0.00384	0.0000419	0.00102	0.00046	0.382	0.00000205	0.00064	0.000881	0.00172	
2079 Jul	2910	0.316	1.22	0.0352	121	0.0748	157	0.000704	0.000704	0.00000671	0.00611	0.00194	0.101	0.0091	0.00000564	20.3	0.000038	0.000238	0.000325	0.00311	0.0162	0.0000167	3.61	9.21	0.083	0.00188	37.5	0.0238	0.00385	0.0000421	0.00103	0.000462	0.384	0.00000205	0.00064	0.000886	0.00172	
2079 Aug	2930	0.318	1.23	0.0354	122	0.0752	158	0.000707	0.000707	0.00000675	0.00615	0.00195	0.101	0.00915	0.00000567	20.5	0.0000383	0.00024	0.000327	0.00313	0.0163	0.0000168	3.64	9.28	0.0836	0.00189	37.8	0.024	0.00387	0.0000422	0.00103	0.000465	0.386	0.00000206	0.00065	0.000892	0.00173	
2079 Sep	2930	0.318	1.23	0.0355	122	0.0753	158	0.000705	0.000705	0.00000674	0.00615	0.00195	0.101	0.00914	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.29	0.0837	0.00189	37.8	0.024	0.00386	0.0000421	0.00103	0.000466	0.387	0.00000206	0.00065	0.000893	0.00173	
2079 Oct	2930	0.318	1.23	0.0355	122	0.0752	158	0.000703	0.000703	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000566	20.5	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.29	0.0837	0.00189	37.8	0.024	0.00385	0.0000442	0.00103	0.000466	0.387	0.00000206	0.00065	0.000892	0.00173	
2079 Nov	2930	0.318	1.23	0.0355	122	0.0752	158	0.000702	0.000702	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000565	20.5	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00385	0.0000442	0.00103	0.000466	0.387	0.00000205	0.00065	0.000892	0.00173	
2079 Dec	2930	0.318	1.23	0.0355	122	0.0752	158	0.000702	0.000702	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000565	20.4	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00384	0.0000442	0.00103	0.000466	0.387	0.00000205	0.00065	0.000892	0.00173	
2080 Jan	2930	0.318	1.23	0.0355	122	0.0752	158	0.000702	0.000702	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000565	20.4	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00384	0.0000442	0.00103	0.000466	0.387	0.00000205	0.00065	0.000892	0.00173	
2080 Feb	2930	0.318	1.23	0.0355	122	0.0752	158	0.000702	0.000702	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000565	20.4	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00384	0.0000442	0.00103	0.000466	0.387	0.00000205	0.00065	0.000892	0.00173	
2080 Mar	2930	0.318	1.23	0.0355	122	0.0752	158	0.000702	0.000702	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000565	20.4	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.28	0.0837	0.00189	37.8	0.024	0.00384	0.0000442	0.00103	0.000466	0.387	0.00000205	0.00065	0.000892	0.00173	
2080 Apr	2930	0.318	1.23	0.0355	122	0.0752	158	0.000702	0.000702	0.00000673	0.00614	0.00195	0.101	0.00912	0.00000565	20.5	0.0000383	0.00024	0.000327	0.00313	0.0162	0.0000168	3.64	9.29	0.0837	0.00189	37.8	0.024	0.00385	0.0000442	0.00103	0.000466	0.387	0.00000206	0.00065	0.000893	0.00173	
2080 May	2940	0.319	1.23	0.0356	122	0.0754	159	0.000704	0.000704	0.00000675	0.00615	0.00196	0.102	0.00914	0.00000567	20.5	0.0000384	0.00024	0.000328	0.00314	0.0162	0.0000169	3.65	9.31	0.0839	0.0019	37.9	0.0241	0.00385	0.0000421	0.00104	0.000467	0.388	0.00000206	0.00065	0.000895	0.00173	
2080 Jun	2930	0.318	1.23	0.0356	122	0.0753	159	0.0007	0.0007	0.00000673	0.00615	0.00196	0.102	0.00912	0.00000566	20.5	0.0000384	0.00024	0.000328	0.00314	0.0162	0.0000169	3.65	9.31	0.084	0.00192	37.8	0.0241	0.00384	0.0000442	0.00104	0.000467	0.388	0.00000206	0.00065	0.000895	0.00173	
2080 Jul	2950	0.321	1.24	0.0358	122	0.0756	160	0.000699	0.000699	0.00000674	0.00616	0.00197	0.102	0.00913	0.00000565	20.6	0.0000386	0.000241	0.000329	0.00315	0.0162	0.0000169	3.66	9.35	0.0844	0.00191	38	0.0242	0.00384	0.0000442	0.00104	0.000469	0.39	0.00000205	0.00065	0.000897	0.00174	
2080 Aug	2970	0.323	1.24	0.036	123	0.076	161	0.0007	0.0007	0.00000677	0.00619	0.00198	0.103	0.00916	0.00000567	20.7	0.0000388	0.000242	0.000331	0.00316	0.0163	0.000017	3.68	9.4	0.0848	0.00192	38.2	0.0243	0.00385	0.0000422	0.00105	0.000472	0.392	0.00000206	0.00066	0.000904	0.00174	
2080 Sep	2980	0.323	1.25	0.036	123	0.076	161	0.000699	0.000699	0.00000677	0.0062	0.00198	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00385	0.0000422	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00175	
2080 Oct	2980	0.324	1.25	0.036	123	0.076	161	0.000698	0.000698	0.00000676	0.0062	0.00198	0.103	0.00915	0.00000567	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00174	
2080 Nov	2980	0.323	1.25	0.036	123	0.076	161	0.000697	0.000697	0.00000676	0.00619	0.00198	0.103	0.00915	0.00000566	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00174	
2080 Dec	2980	0.323	1.25	0.036	123	0.076	161	0.000697	0.000697	0.00000676	0.00619	0.00198	0.103	0.00915	0.00000566	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00174	
2081 Jan	2980	0.323	1.25	0.036	123	0.076	161	0.000697	0.000697	0.00000676	0.00619	0.00198	0.103	0.00915	0.00000566	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00174	
2081 Feb	2980	0.323	1.25	0.036	123	0.076	161	0.000697	0.000697	0.00000676	0.00619	0.00198	0.103	0.00915	0.00000566	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00174	
2081 Mar	2980	0.323	1.25	0.036	123	0.076	161	0.000697	0.000697	0.00000676	0.00619	0.00198	0.103	0.00915	0.00000566	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.68	9.42	0.085	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000906	0.00174	
2081 Apr	2980	0.324	1.25	0.0361	123	0.076	161	0.000697	0.000697	0.00000676	0.0062	0.00198	0.103	0.00915	0.00000566	20.7	0.0000389	0.000243	0.000331	0.00317	0.0163	0.0000171	3.69	9.42	0.0851	0.00192	38.2	0.0244	0.00384	0.0000421	0.00105	0.000473	0.393	0.00000206	0.00066	0.000907	0.00175	
2081 May	2980	0.324	1.25	0.0361	123	0.0761	161	0.000697	0.000697	0.00000677	0.0062	0.00199	0.103	0.00916	0.00000567	20.7	0.0000389	0.000243	0.000332	0.00317	0.0163	0.0000171	3.69	9.44	0.0852	0.00193	38.3	0.0244	0.00384	0.0000421	0.00105	0.000474	0.394	0.00000206	0.00066	0.000908	0.00175	
2081 Jun	2990	0.324	1.25	0.0361	123	0.076	161	0.000693	0.000693	0.00000674	0.00619	0.00199	0.103	0.00912	0.00000564	20.7	0.0000389	0.000243	0.000331	0.00317	0.0162	0.0000171	3.69	9.43	0.0852	0.00193	38.2	0.0245	0.00382	0.0000419	0.00105	0.000474	0.393	0.00000205	0.00066	0.000908	0.00174	
2081 Jul	3010	0.327	1.26	0.0364	124	0.0767	163	0.000698	0.000698	0.00000678	0.00625	0.002	0.104	0.00922	0.00000569	20.9	0.0000393	0.000245	0.000334	0.0032	0.0164	0.0000173	3.72	9.52	0.086	0.00195	38.5	0.0247	0.00385	0.0000423	0.00106	0.000478	0.397	0.00000206	0.00067	0.000916	0.00176	
2081 Aug	3040	0.33	1.27	0.0367	125	0.0773	164	0.000703	0.000703	0.00000685	0.00629	0.00202	0.105	0.00927	0.00000573	21	0.0000396	0.000247	0.000337	0.00322	0.0165	0.0000174	3.75	9.6	0.0867	0.00196	38.9	0.0249	0.00388	0.0000426	0.00107	0.000482	0.4	0.00000208	0.000675	0.000924	0.00177	
2081 Sep	3040	0.331	1.28	0.0368	126	0.0774	165	0.000702	0.000702	0.00000686	0.0063	0.00202	0.105	0.00927	0.00000573	21.1	0.0000397	0.000247	0.000338	0.00323	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00388	0.0000426	0.00107	0.000483	0.401	0.00000208	0.00067	0.000926	0.00178	
2081 Oct	3050	0.331	1.28	0.0369	126	0.0775	165	0.000701	0.000701	0.00000686	0.00631	0.00203	0.105	0.00927	0.00000573	21.1	0.0000397	0.000248	0.000338	0.00323	0.0165	0.0000175	3.76	9.63	0.087	0.00197	38.9	0.025	0.00388	0.0000426	0.00108	0.000483	0.402	0.00000208	0.00067	0.000927	0.00178	
2081 Nov	3050	0.331	1.28	0.0368	126	0.0774	165	0.0007	0.0007	0.00000684	0.0063	0.00202	0.105	0.00926	0.00000572	21.1	0.0000397	0.000247	0.000337	0.00323	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000425	0.00107	0.000483	0.401	0.00000208	0.00067	0.000926	0.00177	
2081 Dec	3040	0.331	1.28	0.0368	126	0.0774	165	0.000699	0.000699	0.00000684	0.0063	0.00202	0.105	0.00926	0.00000572	21.1	0.0000397	0.000247	0.000337	0.00323	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000425	0.00107	0.000483	0.401	0.00000208	0.00067	0.000926	0.00177	
2082 Jan	3040	0.331	1.28	0.0368	126	0.0774	165	0.000699	0.000699	0.00000684	0.0063	0.00202	0.105	0.00926	0.00000572	21.1	0.0000397	0.000247	0.000337	0.00323	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0.0249	0.00387	0.0000425	0.00107	0.000483	0.401	0.00000208	0.00067	0.000926	0.00177	
2082 Feb	3040	0.331	1.28	0.0368	126	0.0774	165	0.0007	0.0007	0.00000684	0.0063	0.00202	0.105	0.00926	0.00000572	21.1	0.0000397	0.000247	0.000337	0.00323	0.0165	0.0000175	3.76	9.62	0.0869	0.00197	38.9	0

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.00000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.00000184	0.00181	0.0024	0.00329	
2084 Dec	3170	0.344	1.33	0.0383	129	0.0791	171	0.000675	0.000675	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.6	0.000041	0.000254	0.000347	0.00332	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000704	0.00096	0.0018	
2085 Jan	3170	0.344	1.33	0.0383	129	0.0791	171	0.000675	0.000675	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.6	0.000041	0.000254	0.000347	0.00332	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000704	0.00096	0.0018	
2085 Feb	3170	0.344	1.33	0.0383	129	0.0791	171	0.000675	0.000675	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.6	0.000041	0.000254	0.000347	0.00332	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000704	0.00096	0.0018	
2085 Mar	3170	0.344	1.33	0.0383	129	0.0791	171	0.000675	0.000675	0.00000686	0.00641	0.00209	0.109	0.00924	0.00000569	21.6	0.000041	0.000254	0.000347	0.00332	0.0165	0.0000181	3.86	9.95	0.0903	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.0005	0.416	0.00000205	0.000704	0.00096	0.0018	
2085 Apr	3170	0.344	1.33	0.0383	129	0.0792	171	0.000675	0.000675	0.00000686	0.00641	0.00209	0.109	0.00925	0.00000569	21.6	0.000041	0.000255	0.000347	0.00332	0.0165	0.0000181	3.86	9.96	0.0904	0.00204	39.9	0.0259	0.0038	0.0000422	0.00112	0.000501	0.416	0.00000206	0.000704	0.000961	0.0018	
2085 May	3170	0.345	1.33	0.0384	129	0.0793	171	0.000676	0.000676	0.00000687	0.00642	0.0021	0.11	0.00926	0.0000057	21.6	0.0000411	0.000255	0.000348	0.00333	0.0165	0.0000182	3.87	9.97	0.0905	0.00205	40	0.026	0.0038	0.0000422	0.00112	0.000502	0.417	0.00000206	0.000706	0.000962	0.00181	
2085 Jun	3180	0.345	1.33	0.0384	129	0.0793	172	0.000673	0.000673	0.00000686	0.00642	0.0021	0.11	0.00924	0.00000569	21.6	0.0000411	0.000255	0.000348	0.00333	0.0165	0.0000182	3.87	9.98	0.0906	0.00205	40	0.026	0.00379	0.0000421	0.00112	0.000502	0.417	0.00000205	0.000706	0.000963	0.00181	
2085 Jul	3200	0.348	1.34	0.0387	130	0.0799	173	0.000676	0.000676	0.0000069	0.00647	0.00212	0.111	0.0093	0.00000572	21.8	0.0000414	0.000257	0.00035	0.00335	0.0166	0.0000183	3.9	10.1	0.0913	0.00207	40.3	0.0262	0.00381	0.0000424	0.00113	0.000506	0.42	0.00000206	0.000712	0.000971	0.00182	
2085 Aug	3220	0.349	1.35	0.0389	131	0.0801	174	0.000676	0.000676	0.00000692	0.00649	0.00212	0.111	0.00932	0.00000573	21.8	0.0000416	0.000258	0.000352	0.00337	0.0166	0.0000184	3.92	10.1	0.0917	0.00207	40.4	0.0263	0.00382	0.0000425	0.00113	0.000508	0.422	0.00000207	0.000715	0.000975	0.00182	
2085 Sep	3220	0.35	1.35	0.0389	131	0.0801	174	0.000674	0.000674	0.00000691	0.00648	0.00212	0.111	0.0093	0.00000572	21.8	0.0000416	0.000258	0.000352	0.00337	0.0166	0.0000184	3.92	10.1	0.0918	0.00208	40.4	0.0264	0.0038	0.0000424	0.00113	0.000508	0.422	0.00000206	0.000715	0.000975	0.00182	
2085 Oct	3220	0.349	1.35	0.0389	131	0.08	174	0.0000671	0.0000671	0.00000689	0.00647	0.00212	0.111	0.00928	0.00000571	21.8	0.0000416	0.000258	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000423	0.00113	0.000508	0.422	0.00000206	0.000715	0.000975	0.00182	
2085 Nov	3220	0.349	1.35	0.0389	130	0.08	174	0.00067	0.00067	0.00000689	0.00647	0.00212	0.111	0.00927	0.0000057	21.8	0.0000416	0.000257	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	
2085 Dec	3220	0.349	1.35	0.0389	130	0.08	174	0.00067	0.00067	0.00000689	0.00647	0.00212	0.111	0.00927	0.0000057	21.8	0.0000416	0.000257	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	
2086 Jan	3220	0.349	1.35	0.0389	130	0.08	174	0.00067	0.00067	0.00000689	0.00647	0.00212	0.111	0.00927	0.0000057	21.8	0.0000416	0.000257	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	
2086 Feb	3220	0.349	1.35	0.0389	130	0.08	174	0.00067	0.00067	0.00000689	0.00647	0.00212	0.111	0.00927	0.0000057	21.8	0.0000416	0.000257	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	
2086 Mar	3220	0.349	1.35	0.0389	130	0.08	174	0.00067	0.00067	0.00000689	0.00647	0.00212	0.111	0.00927	0.0000057	21.8	0.0000416	0.000258	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000422	0.00113	0.000507	0.422	0.00000206	0.000714	0.000974	0.00182	
2086 Apr	3220	0.349	1.35	0.0389	131	0.08	174	0.000671	0.000671	0.00000689	0.00647	0.00212	0.111	0.00928	0.00000571	21.8	0.0000416	0.000258	0.000351	0.00336	0.0165	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00379	0.0000423	0.00113	0.000508	0.422	0.00000206	0.000715	0.000975	0.00182	
2086 May	3220	0.35	1.35	0.039	131	0.0802	174	0.000672	0.000672	0.00000691	0.00648	0.00213	0.111	0.0093	0.00000572	21.9	0.0000417	0.000258	0.000352	0.00337	0.0166	0.0000185	3.92	10.1	0.0919	0.00208	40.4	0.0264	0.0038	0.0000423	0.00114	0.000509	0.423	0.00000206	0.000717	0.000977	0.00182	
2086 Jun	3220	0.349	1.35	0.0389	130	0.0798	174	0.000665	0.000665	0.00000686	0.00645	0.00212	0.111	0.00924	0.00000568	21.8	0.0000416	0.000257	0.000351	0.00336	0.0164	0.0000184	3.91	10.1	0.0917	0.00207	40.3	0.0263	0.00377	0.000042	0.00113	0.000507	0.422	0.00000204	0.000715	0.000974	0.00182	
2086 Jul	3240	0.352	1.36	0.0392	131	0.0804	175	0.000667	0.000667	0.0000069	0.00649	0.00214	0.112	0.00928	0.0000057	21.9	0.0000419	0.000259	0.000353	0.00338	0.0165	0.0000185	3.93	10.2	0.0924	0.00209	40.5	0.0265	0.00378	0.0000422	0.00114	0.000511	0.425	0.00000205	0.00072	0.000981	0.00183	
2086 Aug	3260	0.354	1.37	0.0394	132	0.0808	176	0.000668	0.000668	0.00000693	0.00653	0.00215	0.112	0.00932	0.00000572	22	0.0000421	0.00026	0.000355	0.0034	0.0166	0.0000187	3.95	10.2	0.0929	0.0021	40.7	0.0267	0.00379	0.0000424	0.00115	0.000514	0.427	0.00000206	0.000724	0.000987	0.00184	
2086 Sep	3260	0.354	1.37	0.0394	132	0.0808	176	0.0000666	0.0000666	0.00000692	0.00653	0.00215	0.113	0.00931	0.00000572	22	0.0000421	0.000261	0.000355	0.0034	0.0166	0.0000187	3.96	10.2	0.093	0.0021	40.8	0.0267	0.00379	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000725	0.000988	0.00184	
2086 Oct	3270	0.355	1.37	0.0395	132	0.0809	176	0.0000666	0.0000666	0.00000692	0.00653	0.00215	0.113	0.00931	0.00000572	22	0.0000422	0.000261	0.000356	0.0034	0.0166	0.0000187	3.96	10.2	0.0931	0.0021	40.8	0.0267	0.00378	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	
2086 Nov	3270	0.355	1.37	0.0395	132	0.0809	176	0.0000666	0.0000666	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22	0.0000422	0.000261	0.000356	0.0034	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	
2086 Dec	3270	0.355	1.37	0.0395	132	0.0809	176	0.0000666	0.0000666	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22.1	0.0000422	0.000261	0.000356	0.0034	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	
2087 Jan	3270	0.355	1.37	0.0395	132	0.0809	176	0.0000666	0.0000666	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22.1	0.0000422	0.000261	0.000356	0.0034	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	
2087 Feb	3270	0.355	1.37	0.0395	132	0.0809	176	0.0000666	0.0000666	0.00000692	0.00653	0.00215	0.113	0.00932	0.00000572	22.1	0.0000422	0.000261	0.000356	0.0034	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000423	0.00115	0.000515	0.428	0.00000206	0.000726	0.000989	0.00184	
2087 Mar	3270	0.355	1.37	0.0395	132	0.0809	177	0.0000666	0.0000666	0.00000693	0.00653	0.00215	0.113	0.00932	0.00000572	22.1	0.0000422	0.000261	0.000356	0.0034	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000423	0.00115	0.000515	0.429	0.00000206	0.000726	0.00099	0.00184	
2087 Apr	3270	0.355	1.37	0.0395	132	0.0809	177	0.0000666	0.0000666	0.00000693	0.00654	0.00215	0.113	0.00932	0.00000572	22.1	0.0000422	0.000261	0.000356	0.00341	0.0166	0.0000187	3.96	10.2	0.0932	0.00211	40.8	0.0268	0.00379	0.0000424	0.00115	0.000516	0.429	0.00000206	0.000727	0.00099	0.00184	
2087 May	3270	0.355	1.37	0.0395	132	0.081	177	0.0000666	0.0000666	0.00000693	0.00654	0.00216	0.113	0.00933	0.00000573	22.1	0.0000422	0.000261	0.000356	0.00341	0.0166	0.0000187	3.97	10.3	0.0933	0.00211	40.9	0.0268	0.00379	0.0000424	0.00115	0.000516	0.429	0.00000206	0.000727	0.000991	0.00184	
2087 Jun	3270	0.355	1.37	0.0395	132	0.0809	177	0.0000662	0.0000662	0.00000691	0.00653	0.00216	0.113	0.00929	0.0000057	22	0.0000422	0.000261	0.000356	0.0034	0.0165	0.0000187	3.96	10.2	0.0933	0.00211	40.8	0.0268	0.00377	0.0000422	0.00115	0.000516	0.429	0.00000205	0.000727	0.00099	0.00184	
2087 Jul	3290	0.358	1.38	0.0398	133	0.0813	178	0.0000664	0.0000664	0.00000694	0.00656	0.00217	0.114	0.00934	0.00000573	22.2	0.0000425	0.000263	0.000358	0.00342	0.0166	0.0000188	3.99	10.3	0.0939	0.00212	41	0.027	0.00378	0.0000424	0.00116	0.000519	0.432	0.00000206	0.000732	0.000997	0.00185	
2087 Aug	3320	0.36	1.39	0.0401	134	0.0819	179	0.0000667	0.0000667	0.00000698	0.00661	0.00218	0.114	0.00939	0.00000576	22.3	0.0000428	0.000264	0.00036	0.00345	0.0167	0.000019	4.01	10.4	0.0945	0.00214	41.3	0.0271	0.00381	0.0000426	0.00117	0.000522	0.434	0.00000207	0.000737	0.001	0.00186	
2087 Sep	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000668	0.0000668	0.0000007	0.00663	0.00219	0.115	0.00941	0.00000578	22.4	0.0000429	0.000265	0.000361	0.00346	0.0168	0.000019	4.02	10.4	0.0948	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000208	0.000739	0.00101	0.00186	
2087 Oct	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000667	0.0000667	0.0000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346	0.0168	0.000019	4.02	10.4	0.0949	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	
2087 Nov	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000667	0.0000667	0.0000007	0.00662	0.00219	0.115	0.0094	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346	0.0167	0.000019	4.02	10.4	0.0949	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	
2087 Dec	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000667	0.0000667	0.0000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346	0.0168	0.000019	4.02	10.4	0.0949	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	
2088 Jan	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000667	0.0000667	0.0000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346	0.0168	0.000019	4.02	10.4	0.0949	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	
2088 Feb	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000667	0.0000667	0.0000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000361	0.00346	0.0168	0.000019	4.02	10.4	0.0949	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.000739	0.00101	0.00186	
2088 Mar	3330	0.361	1.4	0.0402	134	0.0821	180	0.0000667	0.0000667	0.0000007	0.00662	0.00219	0.115	0.00941	0.00000577	22.4	0.0000429	0.000265	0.000362	0.00346	0.0168	0.000019	4.03	10.4	0.0949	0.00214	41.4	0.0272	0.00381	0.0000427	0.00117	0.000524	0.436	0.00000207	0.00074	0.00101	0.00186	
2088 Apr	3330	0.362	1.4	0.0403	134	0.0822	180	0.0000668	0.0000668	0.0000007	0.00663	0.00219	0.115	0.00942	0.00000578	22.4	0.000043	0.000266	0.000362	0.00346	0.0168	0.0000191	4.03	10.4	0.095	0.00215	41.5	0.0273	0.00381	0.0000427	0.00117	0.000525	0.437	0.00000208	0.000741	0.00101	0.00186	
2088 May	3340	0.363	1.4	0.0404	135	0.0824	180	0.00067	0.00067	0.00000703	0.00665	0.0022	0.115	0.00944	0.00000579	22.5	0.0000431	0.000266	0.000363	0.00347	0.0168	0.0000191	4.04	10.5	0.0953	0.00215	41.6	0.0274	0.00382	0.0000429	0.00118	0.000527	0.438	0.00000208	0.000743	0.00101	0.00187	
2088 Jun	3340	0.363	1.4	0.0404	135	0.0824	181	0.000666	0.000666	0.00000701	0.00664	0.0022	0.115	0.00942	0.00000578	22.5	0.0000431	0.000266	0.000363	0.00347	0.0168	0.0000191	4.04	10.5	0.0953	0.00215	41.6	0.0274	0.00381	0.0000427	0.00118	0.000527	0.438	0.00000208	0.000743	0.00101	0.00187	
2088 Jul	3370	0.366	1.41	0.0407	136	0.0829	182	0.000669	0.000669	0.00000705	0.00669	0.00222	0.116	0.00948	0.00000581	22.6	0.0000434	0.000268	0.000365	0.0035	0.0169	0.0000193	4.07	10.5	0.096	0.00217	41.9	0.0276	0.00383	0.000043	0.00119	0.000531	0.441	0.00000209	0.000748	0.00102	0.00188	
2088 Aug	3400	0.369	1.43	0.0411	137	0.0837	184	0.000675	0.000675	0.00000711	0.00675	0.00224	0.117	0.00956	0.00000586	22.8	0.0000438	0.00027	0.000369	0.00353	0.017	0.0000194	4.11	10.6	0.0969	0.00219	42.3	0.0278	0.00386	0.0000433	0.0012	0.000535	0.445	0.00000211	0.000755	0.00103	0.0019	
2088 Sep	3410	0.37	1.43	0.0412	137	0.0839	184	0.000675	0.000675	0.00000713	0.00676	0.00224	0.118	0.00958	0.00000587	22.9	0.0000439	0.000271	0.00037	0.00354	0.0171	0.0000195	4.12	10.7	0.0972	0.0022	42.4	0.0279	0.00387	0.0000434	0.0012	0.000537	0.447	0.00000211	0.000758	0.00103	0.0019	
2088 Oct	3400	0.369	1.43	0.0411	137	0.0837	184	0.000672	0.000672	0.00000701	0.00674	0.00224	0.117	0.00954	0.00000585	22.8	0.0000438	0.000271	0.000369	0.00353	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.3	0.0279	0.00385	0.0000432	0.0012	0.000536	0.446	0.00000211	0.000756	0.00103	0.0019	
2088 Nov	3400	0.369	1.43	0.0411	137	0.0837	184	0.000671	0.000671	0.0000071	0.00674	0.00224	0.117	0.00953	0.00000584	22.8	0.0000438	0.00027	0.000369	0.00353	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.2	0.0278	0.00384	0.0000432	0.0012	0.000536	0.446	0.00000211	0.000756	0.00103	0.00189	
2088 Dec	3400	0.369	1.43	0.0411	137	0.0837	184	0.000671	0.000671	0.0000071	0.00674	0.00224	0.117	0.00954	0.00000584	22.8	0.0000438	0.00027	0.000369	0.00353	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.2	0.0279	0.00385	0.0000432	0.0012	0.000536	0.446	0.00000211	0.000756	0.00103	0.00189	
2089 Jan	3400	0.369	1.43	0.0411	137	0.0837	184	0.000671	0.000671	0.0000071	0.00674	0.00224	0.117	0.00954	0.00000584	22.8	0.0000438	0.000271	0.000369	0.00353	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.2	0.0279	0.00385	0.0000432	0.0012	0.000536	0.446	0.00000211	0.000756	0.00103	0.00189	
2089 Feb	3400	0.369	1.43	0.0411	137	0.0837	184	0.000671	0.000671	0.0000071	0.00674	0.00224	0.117	0.00954	0.00000584	22.8	0.0000438	0.000271	0.000369	0.00353	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.2	0.0279	0.00385	0.0000432	0.0012	0.000536	0.446	0.00000211	0.000756	0.00103	0.00189	
2089 Mar	3400	0.37	1.43	0.0411	137	0.0837	184	0.000671	0.000671	0.0000071	0.00674	0.00224	0.117	0.00954	0.00000585	22.8	0.0000438	0.000271	0.000369	0.00353	0.017	0.0000195	4.11	10.6	0.097	0.00219	42.3	0.0279	0.00385	0.0000432	0.0012	0.000536	0.446	0.00000211	0.000756	0.00103	0.0019	
2089 Apr	3410	0.37	1.43	0.0411	137	0.0837	184	0.000672	0.000672	0.00000711	0.00675	0.00224	0.117	0.00955	0.00000585	22.8	0.0000439	0.000271	0.000369	0.00353	0.017	0.0000195	4.11	10.7	0.0971	0.00219	42.3	0.0279	0.00385	0.0000433	0.0012	0.000536	0.446	0.00000211	0.000757	0.00103	0.0019	
2089 May	3410	0.371	1.43	0.0412	137	0.0839	184	0.000672	0.000672	0.00000711	0.00676	0.00224	0.118	0.00956	0.00000586	22.9	0.0000439	0.000271	0.00037	0.00354	0.017	0.0000195	4.12	10.7	0.0972	0.0022	42.4	0.0279	0.00385	0.0000433	0.0012	0.000537	0.447	0.00000211	0.000758	0.00103	0.0019	
2089 Jun	3420	0.371	1.43	0.0413	137	0.0839	185	0.0000669	0.0000669	0.00000711	0.00676	0.00225	0.118	0.00954	0.00000585	22.9	0.000044	0.000271	0.00037	0.00354	0.017	0.0000195	4.12	10.7	0.0974	0.0022	42.4	0.028	0.00384	0.0000432	0.0012	0.000538	0.447	0.00000211	0.000759	0.00103	0.0019	
2089 Jul	3440	0.374	1.44	0.0416	138	0.0844	186	0.000672	0.000672	0.00000714	0.0068	0.00226	0.119	0.00959	0.00000588	23	0.0000443	0.000273	0.000372	0.00356	0.0171	0.0000197	4.15	10.8	0.098	0.00222	42.6	0.0282	0.00386	0.0000434	0.00121	0.000542	0.45	0.00000211	0.000764	0.00104	0.00191	
2089 Aug	3460	0.376	1.45	0.0418	139	0.0849	187	0.000675	0.000675	0.00000718	0.00684	0.00228	0.119	0.00965	0.00000591	23.2	0.0000446	0.

Appendix D.2-21: WES04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1730	0.244	0.95	0.027	198	0.0338	92.6			0.00000191	0.00251	0.00584	0.0585	0.00235	0.00000127	9.37	0.0000206	0.000119	0.000161	0.00154	0.00428	0.00000972	1.8	5.06	0.0486	0.00109	59.2	0.014	0.000486	0.00000872	0.000605	0.00026	0.217	0.000000386	0.000381	0.000504	0.000693	
Operation (2026-2036): Mean	7530	0.988	3.84	0.109	799	0.147	403			0.00000832	0.0109	0.00897	0.255	0.0102	0.00000553	40.8	0.0000899	0.000517	0.000702	0.00671	0.0187	0.0000423	7.84	22.1	0.212	0.00476	239	0.0612	0.00212	0.000038	0.00264	0.00113	0.947	0.000000168	0.00166	0.0022	0.00302	
Operation (2026-2036): Max	8210	1.16	4.52	0.128	939	0.161	440			0.00000908	0.0119	0.0236	0.278	0.0112	0.00000604	44.5	0.0000981	0.000565	0.000766	0.00732	0.0204	0.0000462	8.56	24.1	0.231	0.0052	282	0.0668	0.00231	0.0000415	0.00288	0.00123	1.03	0.000000184	0.00181	0.0024	0.00329	
2092 Jun	3520	0.381	1.47	0.0424	140	0.0851	190	0.000642	0.000642	0.00000708	0.00683	0.0023	0.121	0.00947	0.00000578	23.2	0.000045	0.000277	0.000377	0.00361	0.0169	0.0000201	4.2	10.9	0.1	0.00226	43.1	0.0288	0.00375	0.0000426	0.00124	0.000551	0.459	0.000000207	0.00078	0.00106	0.00192	
2092 Jul	3530	0.383	1.48	0.0426	140	0.0854	190	0.000641	0.000641	0.00000709	0.00684	0.00231	0.121	0.00949	0.00000579	23.3	0.0000452	0.000278	0.000378	0.00362	0.0169	0.0000202	4.21	11	0.1	0.00227	43.2	0.0289	0.00375	0.0000427	0.00124	0.000554	0.461	0.000000207	0.000783	0.00106	0.00192	
2092 Aug	3550	0.386	1.49	0.0429	141	0.0859	192	0.000645	0.000645	0.00000713	0.00689	0.00232	0.122	0.00955	0.00000582	23.5	0.0000455	0.000279	0.000381	0.00364	0.017	0.0000203	4.24	11.1	0.101	0.00229	43.5	0.0291	0.00377	0.0000429	0.00125	0.000557	0.464	0.000000208	0.000789	0.00107	0.00193	
2092 Sep	3560	0.386	1.49	0.043	141	0.0861	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000583	23.5	0.0000456	0.00028	0.000381	0.00365	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.0000443	0.00125	0.000559	0.465	0.000000208	0.00079	0.00107	0.00194	
2092 Oct	3560	0.387	1.49	0.043	141	0.0861	192	0.000643	0.000643	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.0000429	0.00125	0.000559	0.465	0.000000208	0.000791	0.00107	0.00194	
2092 Nov	3560	0.387	1.49	0.043	141	0.0861	192	0.000643	0.000643	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.0000429	0.00126	0.000559	0.465	0.000000208	0.000791	0.00107	0.00194	
2092 Dec	3560	0.387	1.49	0.043	141	0.0861	192	0.000643	0.000643	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.0000429	0.00126	0.000559	0.465	0.000000208	0.000791	0.00107	0.00194	
2093 Jan	3560	0.387	1.49	0.043	141	0.0861	192	0.000643	0.000643	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.0000429	0.00126	0.000559	0.465	0.000000208	0.000791	0.00107	0.00194	
2093 Feb	3560	0.387	1.49	0.043	141	0.0861	192	0.000643	0.000643	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000582	23.5	0.0000456	0.00028	0.000381	0.00365	0.017	0.0000203	4.25	11.1	0.101	0.00229	43.6	0.0291	0.00377	0.0000429	0.00126	0.000559	0.465	0.000000208	0.000791	0.00107	0.00194	
2093 Mar	3560	0.387	1.49	0.043	141	0.0861	192	0.000644	0.000644	0.00000714	0.0069	0.00233	0.123	0.00955	0.00000583	23.5	0.0000456	0.00028	0.000382	0.00365	0.017	0.0000204	4.25	11.1	0.101	0.00229	43.6	0.0292	0.00377	0.0000443	0.00126	0.000559	0.465	0.000000208	0.000791	0.00107	0.00194	
2093 Apr	3570	0.387	1.5	0.043	142	0.0862	192	0.000644	0.000644	0.00000715	0.00691	0.00233	0.123	0.00956	0.00000583	23.5	0.0000457	0.00028	0.000382	0.00365	0.0171	0.0000204	4.25	11.1	0.102	0.00229	43.6	0.0292	0.00378	0.0000443	0.00126	0.000559	0.466	0.000000208	0.000792	0.00108	0.00194	
2093 May	3580	0.388	1.5	0.0431	142	0.0864	193	0.000645	0.000645	0.00000716	0.00692	0.00234	0.123	0.00958	0.00000584	23.6	0.0000458	0.000281	0.000383	0.00366	0.0171	0.0000204	4.26	11.1	0.102	0.0023	43.7	0.0292	0.00378	0.0000431	0.00126	0.000561	0.467	0.000000209	0.000794	0.00108	0.00194	
2093 Jun	3570	0.387	1.5	0.043	141	0.0861	192	0.000639	0.000639	0.00000712	0.0069	0.00233	0.123	0.00953	0.00000581	23.5	0.0000456	0.00028	0.000382	0.00365	0.017	0.0000204	4.25	11.1	0.102	0.00229	43.6	0.0292	0.00375	0.0000428	0.00126	0.000559	0.465	0.000000207	0.000792	0.00108	0.00194	
2093 Jul	3590	0.39	1.51	0.0433	142	0.0866	194	0.000642	0.000642	0.00000716	0.00694	0.00235	0.124	0.00958	0.00000584	23.7	0.0000459	0.000282	0.000384	0.00367	0.0171	0.0000205	4.28	11.2	0.102	0.00231	43.8	0.0294	0.00377	0.0000443	0.00127	0.000563	0.469	0.000000208	0.000797	0.00108	0.00195	
2093 Aug	3610	0.392	1.52	0.0436	143	0.0871	195	0.000644	0.000644	0.0000072	0.00698	0.00236	0.124	0.00963	0.00000587	23.8	0.0000462	0.000284	0.000386	0.0037	0.0172	0.0000206	4.3	11.2	0.103	0.00232	44.1	0.0296	0.00379	0.0000432	0.00127	0.000566	0.471	0.000000209	0.000802	0.00109	0.00196	
2093 Sep	3620	0.393	1.52	0.0437	143	0.0872	195	0.000644	0.000644	0.00000721	0.00699	0.00237	0.125	0.00964	0.00000587	23.8	0.0000463	0.000284	0.000387	0.0037	0.0172	0.0000207	4.31	11.3	0.103	0.00233	44.2	0.0296	0.00379	0.0000433	0.00128	0.000568	0.472	0.000000209	0.000804	0.00109	0.00196	
2093 Oct	3610	0.392	1.51	0.0436	143	0.0869	195	0.000639	0.000639	0.00000717	0.00696	0.00236	0.124	0.00959	0.00000584	23.7	0.0000461	0.000283	0.000386	0.00369	0.0171	0.0000206	4.3	11.2	0.103	0.00232	44	0.0295	0.00377	0.0000443	0.00127	0.000566	0.471	0.000000208	0.000801	0.00109	0.00195	
2093 Nov	3610	0.391	1.51	0.0435	143	0.0868	195	0.000638	0.000638	0.00000716	0.00695	0.00236	0.124	0.00957	0.00000583	23.7	0.0000461	0.000283	0.000385	0.00369	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00376	0.0000443	0.00127	0.000565	0.47	0.000000208	0.000801	0.00109	0.00195	
2093 Dec	3610	0.391	1.51	0.0435	143	0.0868	195	0.000638	0.000638	0.00000716	0.00695	0.00236	0.124	0.00957	0.00000583	23.7	0.0000461	0.000283	0.000385	0.00369	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00376	0.0000443	0.00127	0.000565	0.47	0.000000208	0.000801	0.00109	0.00195	
2094 Jan	3610	0.392	1.51	0.0435	143	0.0868	195	0.000638	0.000638	0.00000716	0.00695	0.00236	0.124	0.00957	0.00000583	23.7	0.0000461	0.000283	0.000385	0.00369	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00376	0.0000443	0.00127	0.000565	0.471	0.000000208	0.000801	0.00109	0.00195	
2094 Feb	3610	0.392	1.51	0.0435	143	0.0868	195	0.000638	0.000638	0.00000716	0.00695	0.00236	0.124	0.00957	0.00000583	23.7	0.0000461	0.000283	0.000385	0.00369	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00376	0.0000443	0.00127	0.000565	0.471	0.000000208	0.000801	0.00109	0.00195	
2094 Mar	3610	0.392	1.51	0.0435	143	0.0868	195	0.000638	0.000638	0.00000716	0.00695	0.00236	0.124	0.00958	0.00000583	23.7	0.0000461	0.000283	0.000385	0.00369	0.0171	0.0000206	4.29	11.2	0.103	0.00232	44	0.0295	0.00376	0.0000443	0.00127	0.000565	0.471	0.000000208	0.000801	0.00109	0.00195	
2094 Apr	3610	0.392	1.51	0.0436	143	0.0869	195	0.000639	0.000639	0.00000717	0.00696	0.00236	0.124	0.00958	0.00000584	23.7	0.0000461	0.000283	0.000386	0.00369	0.0171	0.0000206	4.3	11.2	0.103	0.00232	44	0.0295	0.00376	0.0000443	0.00127	0.000566	0.471	0.000000208	0.000801	0.00109	0.00195	
2094 May	3610	0.392	1.52	0.0436	143	0.0869	195	0.000638	0.000638	0.00000717	0.00696	0.00236	0.124	0.00958	0.00000584	23.7	0.0000462	0.000283	0.000386	0.00369	0.0171	0.0000206	4.3	11.2	0.103	0.00232	44	0.0296	0.00376	0.0000443	0.00127	0.000566	0.471	0.000000208	0.000802	0.00109	0.00195	
2094 Jun	3620	0.393	1.52	0.0437	143	0.087	195	0.000636	0.000636	0.00000717	0.00696	0.00236	0.125	0.00958	0.00000583	23.8	0.0000463	0.000284	0.000386	0.0037	0.0171	0.0000207	4.3	11.2	0.103	0.00233	44.1	0.0296	0.00376	0.0000443	0.00128	0.000567	0.472	0.000000208	0.000803	0.00109	0.00195	
2094 Jul	3660	0.397	1.53	0.0441	145	0.0878	197	0.000642	0.000642	0.00000723	0.00703	0.00239	0.126	0.00966	0.00000588	24	0.0000467	0.000286	0.00039	0.00373	0.0172	0.0000209	4.34	11.3	0.104	0.00235	44.5	0.0299	0.00379	0.0000433	0.00129	0.000573	0.477	0.000002	0.000811	0.0011	0.00197	
2094 Aug	3690	0.4	1.55	0.0445	146	0.0886	199	0.000647	0.000647	0.00000729	0.00709	0.00241	0.127	0.00975	0.00000594	24.2	0.0000471	0.000289	0.000394	0.00377	0.0174	0.0000211	4.38	11.5	0.105	0.00237	44.9	0.0302	0.00382	0.0000437	0.0013	0.000578	0.481	0.000002111	0.000819	0.00111	0.00199	
2094 Sep	3700	0.401	1.55	0.0446	146	0.0888	199	0.000646	0.000646	0.0000073	0.0071	0.00241	0.127	0.00975	0.00000594	24.2	0.0000472	0.000289	0.000394	0.00377	0.0174	0.0000211	4.39	11.5	0.105	0.00238	45	0.0302	0.00382	0.0000437	0.0013	0.000579	0.482	0.000002111	0.00082	0.00111	0.00199	
2094 Oct	3690	0.4	1.55	0.0445	146	0.0885	199	0.000643	0.000643	0.00000728	0.00708	0.00241	0.127	0.00972	0.00000592	24.2	0.0000471	0.000289	0.000393	0.00376	0.0173	0.0000211	4.38	11.5	0.105	0.00237	44.9	0.0302	0.0038	0.0000436	0.0013	0.000578	0.481	0.000002111	0.000819	0.00111	0.00199	
2094 Nov	3680	0.399	1.54	0.0444	145	0.0883	199	0.00064	0.00064	0.00000725	0.00706	0.0024	0.127	0.00968	0.00000589	24.1	0.000047	0.000288	0.000392	0.00375	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000434	0.0013	0.000576	0.48	0.000002111	0.000817	0.00111	0.00198	
2094 Dec	3680	0.399	1.54	0.0444	145	0.0883	199	0.00064	0.00064	0.00000725	0.00706	0.0024	0.127	0.00968	0.00000589	24.1	0.000047	0.000288	0.000392	0.00375	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000434	0.0013	0.000576	0.48	0.000002111	0.000817	0.00111	0.00198	
2095 Jan	3680	0.399	1.54	0.0444	145	0.0883	199	0.00064	0.00064	0.00000725	0.00706	0.0024	0.127	0.00968	0.00000589	24.1	0.000047	0.000288	0.000392	0.00375	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000434	0.0013	0.000576	0.48	0.000002111	0.000817	0.00111	0.00198	
2095 Feb	3680	0.399	1.54	0.0444	145	0.0883	199	0.00064	0.00064	0.00000725	0.00706	0.0024	0.127	0.00968	0.00000589	24.1	0.000047	0.000288	0.000392	0.00375	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000434	0.0013	0.000576	0.48	0.000002111	0.000817	0.00111	0.00198	
2095 Mar	3680	0.399	1.54	0.0444	145	0.0883	199	0.00064	0.00064	0.00000725	0.00706	0.0024	0.127	0.00968	0.00000589	24.1	0.000047	0.000288	0.000392	0.00375	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.7	0.0301	0.00379	0.0000434	0.0013	0.000576	0.48	0.000002111	0.000817	0.00111	0.00198	
2095 Apr	3680	0.4	1.54	0.0444	145	0.0884	199	0.00064	0.00064	0.00000725	0.00707	0.0024	0.127	0.00969	0.00000559	24.1	0.000047	0.000288	0.000393	0.00376	0.0173	0.000021	4.37	11.4	0.105	0.00237	44.8	0.0301	0.00379	0.0000434	0.0013	0.000577	0.48	0.000002111	0.000817	0.00111	0.00198	
2095 May	3690	0.4	1.55	0.0445	146	0.0884	199	0.00064	0.00064	0.00000726	0.00707	0.00241	0.127	0.00969	0.0000059	24.2	0.0000471	0.000288	0.000393	0.00376	0.0173	0.000021	4.38	11.4	0.105	0.00237	44.8	0.0302	0.00379	0.0000434	0.0013	0.000577	0.481	0.000002111	0.000818	0.00111	0.00198	
2095 Jun	3700	0.402	1.55	0.0446	146	0.0887	200	0.00064	0.00064	0.00000727	0.00709	0.00241	0.127	0.00971	0.00000591	24.2	0.0000472	0.000289	0.000394	0.00377	0.0173	0.0000211	4.39	11.5	0.105	0.00238	44.9	0.0303	0.0038	0.0000435	0.0013	0.000579	0.482	0.000002111	0.000821	0.00111	0.00199	
2095 Jul	3740	0.405	1.57	0.0451	147	0.0895	201	0.000645	0.000645	0.00000734	0.00715	0.00244	0.128	0.0098	0.00000596	24.4	0.0000477	0.000292	0.000398	0.00381	0.0175	0.0000213	4.43	11.6	0.106	0.0024	45.3	0.0305	0.00383	0.0000439	0.00132	0.000585	0.487	0.000002112	0.000829	0.00112	0.00201	
2095 Aug	3750	0.406	1.57	0.0452	148	0.0897	202	0.000644	0.000644	0.00000734	0.00717	0.00244	0.129	0.0098	0.00000596	24.5	0.0000478	0.000293	0.000399	0.00381	0.0175	0.0000214	4.44	11.6	0.107	0.00241	45.4	0.0306	0.00383	0.0000439	0.00132	0.000586	0.488	0.000002112	0.000831	0.00113	0.00201	
2095 Sep	3750	0.407	1.57	0.0453	148	0.0898	202	0.000644	0.000644	0.00000735	0.00718	0.00245	0.129	0.00981	0.00000597	24.5	0.0000479	0.000293	0.000399	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00383	0.0000439	0.00132	0.000587	0.489	0.000002112	0.000833	0.00113	0.00201	
2095 Oct	3760	0.408	1.58	0.0453	148	0.0899	203	0.000643	0.000643	0.00000735	0.00718	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.0004	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000588	0.489	0.000002112	0.000834	0.00113	0.00201	
2095 Nov	3750	0.407	1.57	0.0453	148	0.0898	202	0.000642	0.000642	0.00000734	0.00717	0.00245	0.129	0.0098	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.000002112	0.000833	0.00113	0.00201	
2095 Dec	3750	0.407	1.57	0.0453	148	0.0898	202	0.000642	0.000642	0.00000734	0.00717	0.00245	0.129	0.0098	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.000002112	0.000833	0.00113	0.00201	
2096 Jan	3750	0.407	1.57	0.0453	148	0.0898	202	0.000642	0.000642	0.00000734	0.00717	0.00245	0.129	0.0098	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.000002112	0.000833	0.00113	0.00201	
2096 Feb	3750	0.407	1.57	0.0453	148	0.0898	202	0.000642	0.000642	0.00000734	0.00717	0.00245	0.129	0.0098	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.000002112	0.000833	0.00113	0.00201	
2096 Mar	3750	0.407	1.57	0.0453	148	0.0898	202	0.000642	0.000642	0.00000734	0.00717	0.00245	0.129	0.0098	0.00000596	24.5	0.0000479	0.000293	0.000399	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000587	0.489	0.000002112	0.000833	0.00113	0.00201	
2096 Apr	3760	0.408	1.58	0.0453	148	0.0899	203	0.000643	0.000643	0.00000735	0.00718	0.00245	0.129	0.00981	0.00000596	24.5	0.0000479	0.000293	0.0004	0.00382	0.0175	0.0000214	4.45	11.6	0.107	0.00241	45.5	0.0307	0.00382	0.0000439	0.00132	0.000588	0.489	0.000002112	0.000834	0.00113	0.00201	
2096 May	3760	0.408	1.58	0.0454	148	0.09	203	0.000643	0.000643	0.00000736	0.00719	0.00245	0.129	0.00982	0.00000597	24.6	0.000048	0.000294	0.0004	0.00383	0.0175	0.0000215	4.46	11.7	0.107	0.00242	45.6	0.0308	0.00383	0.000044	0.00133	0.000589	0.49	0.000002112	0.000835	0.00113	0.00202	
2096 Jun	3740	0.406	1.57	0.0451	147	0.0894	202	0.000634	0.000634	0.00000729	0.00714	0.00244	0.129	0.00973	0.00000591	24.4	0.0000477	0.000292	0.000398	0.0038	0.0174	0.0000214	4.43	11.6	0.106	0.0024	45.3	0.0306	0.00378	0.0000435	0.00132	0.000585	0.487	0.00000021	0.00083	0.00113	0.002	
2096 Jul	3770	0.409	1.58	0.0454	148	0.0899	203	0.000636	0.000636	0.00000733	0.00718	0.00245	0.13	0.00978	0.00000594	24.6	0.0000484	0.000294	0.0004	0.00383	0.0174	0.0000215	4.46	11.7	0.107	0.00242	45.6	0.0308	0.00383	0.0000437	0.00133	0.000589	0.491	0.000002111	0.000836	0.00113	0.00201	
2096 Aug	3800	0.412	1.59	0.0458	149	0.0906	205	0.00064	0.00064	0.00000738	0.00723	0.00247	0.131	0.00985	0.00000598	24.8	0.0000484	0.000296	0.000403	0.00386	0.0176	0.0000217	4.49	11.8	0.108	0.00244	45.9	0.031	0.00382	0.000044	0.00134	0.000594	0.494	0.000002113	0.000842	0.00114	0.00203	
2096 Sep	3800	0.412	1.59	0.0458	149	0.0906	205	0.000639	0.000639	0.00000738	0.00723	0.00247	0.131	0.00984	0.00000598	24.8	0.0000484	0.000296	0.000403	0.00386	0.0176	0.0000217	4.49	11.8	0.108	0.00244	45.9	0.0311	0.00382	0.000044	0.00134	0.000594	0.495	0.000002112	0.000843	0.00114	0.00203	
2096 Oct	3790	0.411	1.59	0.0457	149	0.0903	204	0.000635	0.000635	0.00000734	0.0072	0.00247	0.13	0.00979	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000437	0.00133	0.000592	0.493	0.000002111	0.000841	0.00114	0.00202	
2096 Nov	3790	0.411	1.59	0.0457	149	0.0903	204	0.000634	0.000634	0.00000734	0.0072	0.00247	0.13	0.00979	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000437	0.00133	0.000592	0.493	0.000002111	0.000841	0.00114	0.00202	
2096 Dec	3790	0.411	1.59	0.0457	149	0.0903	204	0.000634	0.000634	0.00000734	0.0072	0.00247	0.13	0.00979	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000437	0.00133	0.000592	0.493	0.000002111	0.000841	0.00114	0.00202	
2097 Jan	3790	0.411	1.59	0.0457	149	0.0903	204	0.000634	0.000634	0.00000734	0.0072	0.00247	0.13	0.00979	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000437	0.00133	0.000593	0.493	0.000002111	0.000841	0.00114	0.00202	
2097 Feb	3790	0.411	1.59	0.0457	149	0.0903	204	0.000634	0.000634	0.00000734	0.0072	0.00247	0.13	0.00979	0.00000595	24.7	0.0000483	0.000295	0.000402	0.00385	0.0175	0.0000216	4.48	11.7	0.108	0.00243	45.8	0.031	0.0038	0.0000437	0.00133	0.000

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
Active Closure (2037-2043): Min	405	0.124	0.465	0.00754	131	0.043	77.5	0.000544	0.000544	0.00000425	0.0037	0.000751	0.0358	0.0101	0.0000052	22.4	0.0000138	0.000248	0.000159	0.00122	0.0219	0.00000424	1.32	8.85	0.0236	0.000607	82.5	0.00371	0.00981	0.0000517	0.000194	0.00012	0.0847	0.00000224	0.000137	0.000276	0.00113	0.00000224
Active Closure (2037-2043): Mean	722	0.239	0.967	0.015	255	0.0601	142	0.000948	0.000948	0.00000492	0.00536	0.00134	0.0665	0.0138	0.0000547	38.1	0.0000238	0.000438	0.000245	0.00161	0.0354	0.00000905	1.78	16.2	0.0448	0.00109	161	0.00664	0.0223	0.000166	0.000374	0.000192	0.14	0.00000283	0.000251	0.000526	0.0016	0.00000933
Active Closure (2037-2043): Max	5330	1.91	8.1	0.12	2030	0.291	1030	0.00098	0.00098	0.000005	0.0133	0.00684	0.468	0.023	0.00000897	211	0.000112	0.00233	0.000789	0.00673	0.0575	0.0000422	7.13	110	0.207	0.00763	1290	0.0448	0.0401	0.000282	0.00226	0.00109	0.742	0.0000107	0.0017	0.00193	0.00432	0.000101
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	197	0.048	0.035	0.00153	17.5	0.0435	81.4	0.000954	0.000954	0.00000486	0.00586	0.00111	0.0424	0.0141	0.00000508	27.8	0.0000215	0.000354	0.000206	0.0012	0.0413	0.00000915	1.39	10.1	0.0354	0.00067	6.64	0.00428	0.0308	0.000162	0.000295	0.000131	0.103	0.00000202	0.000166	0.000532	0.00166	1.86E-10
Post Closure (2044-2099): Mean	250	0.0654	0.117	0.00268	39	0.0474	93	0.000968	0.000968	0.00000493	0.00696	0.00142	0.0477	0.0217	0.00000517	35.6	0.0000255	0.00044	0.000337	0.00141	0.0618	0.0000114	1.72	12	0.0585	0.000793	21.3	0.00494	0.0428	0.000354	0.000341	0.00016	0.139	0.00000207	0.000193	0.000763	0.00187	0.000000246
Post Closure (2044-2099): Max	416	0.128	0.472	0.00765	133	0.0517	108	0.000985	0.000985	0.00000502	0.00734	0.00163	0.0546	0.0269	0.00000529	41.5	0.0000277	0.000503	0.000424	0.00157	0.0748	0.0000124	1.94	14	0.0735	0.000914	84	0.00563	0.0476	0.000478	0.000389	0.000182	0.163	0.00000225	0.000218	0.000901	0.002	0.00000225
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	3430	2.1	8.05	0.125	1460	0.181	510	0.000751	0.000751	0.00000557	0.00937	0.0125	0.255	0.0196	0.00000669	110	0.00006	0.00138	0.000418	0.00369	0.0411	0.0000237	7.9	53.2	0.143	0.00489	931	0.021	0.0522	0.0000639	0.00114	0.000561	0.762	0.0000276	0.000984	0.000906	0.00276	0.000317
2026 Feb	3420	2.1	8.02	0.124	1460	0.181	508	0.000752	0.000752	0.00000557	0.00936	0.0125	0.254	0.0198	0.00000668	110	0.0000599	0.00138	0.000421	0.00369	0.0416	0.0000237	7.88	53.1	0.144	0.00488	928	0.021	0.0522	0.0000667	0.00113	0.00056	0.76	0.0000275	0.000981	0.00091	0.00276	0.000316
2026 Mar	3410	2.09	8.01	0.124	1460	0.181	508	0.000753	0.000753	0.00000557	0.00936	0.0139	0.254	0.0199	0.00000668	110	0.0000598	0.00138	0.000423	0.00369	0.0419	0.0000237	7.87	53	0.144	0.00487	926	0.0209	0.0523	0.0000685	0.00113	0.000559	0.76	0.0000274	0.000979	0.000913	0.00276	0.000316
2026 Apr	3410	2.09	8.01	0.124	1460	0.181	507	0.000754	0.000754	0.00000557	0.00936	0.0207	0.254	0.02	0.00000668	110	0.0000599	0.00138	0.000424	0.00369	0.0422	0.0000237	7.88	53	0.144	0.00487	926	0.0209	0.0524	0.0000699	0.00113	0.000559	0.76	0.0000274	0.000979	0.000916	0.00276	0.000316
2026 May	3460	2.11	8.09	0.125	1480	0.183	514	0.000755	0.000755	0.00000559	0.00943	0.022	0.257	0.0201	0.00000672	112	0.0000606	0.00139	0.00043	0.00373	0.0425	0.0000239	7.92	53.8	0.146	0.00492	940	0.0212	0.0525	0.0000714	0.00115	0.000566	0.765	0.0000275	0.00099	0.000929	0.00279	0.000316
2026 Jun	2520	1.29	5.16	0.0787	1080	0.125	375	0.000814	0.000814	0.00000503	0.00896	0.0093	0.181	0.0152	0.0000059	83.3	0.0000528	0.00103	0.000339	0.00277	0.0414	0.0000204	4.69	40.2	0.0991	0.00317	692	0.0159	0.045	0.0000977	0.000935	0.000417	0.446	0.0000138	0.000682	0.000923	0.00281	0.000146
2026 Jul	2360	1.15	4.67	0.0709	1010	0.115	350	0.000831	0.000831	0.00000498	0.00892	0.00725	0.168	0.0144	0.0000058	78.1	0.0000515	0.000961	0.000321	0.0026	0.0412	0.0000198	4.18	37.6	0.0911	0.00288	645	0.0149	0.0441	0.0000994	0.000898	0.000391	0.394	0.0000117	0.00063	0.000918	0.00283	0.00012
2026 Aug	2740	1.31	5.35	0.0809	1170	0.13	407	0.000813	0.000813	0.00000499	0.0092	0.00742	0.193	0.0147	0.00000595	89.2	0.0000565	0.00108	0.000355	0.00293	0.0411	0.0000216	4.58	43.7	0.102	0.00329	751	0.0172	0.0436	0.0000981	0.00101	0.000448	0.438	0.0000126	0.00072	0.000993	0.00298	0.00013
2026 Sep	3100	1.45	6	0.0902	1340	0.144	461	0.000796	0.000796	0.00000498	0.0095	0.00777	0.217	0.0149	0.00000608	100	0.0000613	0.0012	0.000389	0.00323	0.0412	0.0000233	4.91	49.7	0.112	0.00367	859	0.0194	0.0432	0.0000969	0.00112	0.000501	0.473	0.0000131	0.000803	0.00107	0.00312	0.000137
2026 Oct	3660	1.66	6.96	0.103	1610	0.166	542	0.000767	0.000767	0.00000491	0.01	0.00785	0.255	0.0152	0.00000622	118	0.0000686	0.00139	0.000441	0.0037	0.0413	0.0000259	5.26	59.3	0.125	0.00421	1040	0.0228	0.0423	0.0000934	0.00128	0.000582	0.514	0.0000131	0.000926	0.00119	0.00332	0.000135
2026 Nov	3650	1.65	6.93	0.103	1610	0.165	540	0.000768	0.000768	0.00000491	0.01	0.00782	0.254	0.0152	0.00000622	117	0.0000684	0.00138	0.00044	0.00369	0.0413	0.0000258	5.24	59	0.125	0.00419	1030	0.0227	0.0424	0.0000933	0.00127	0.000579	0.512	0.0000113	0.000922	0.00118	0.00332	0.000135
2026 Dec	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00782	0.254	0.0152	0.00000621	117	0.0000683	0.00138	0.00044	0.00369	0.0413	0.0000258	5.24	59	0.125	0.00419	1030	0.0227	0.0424	0.0000933	0.00127	0.000579	0.512	0.0000113	0.000921	0.00118	0.00331	0.000135
2027 Jan	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00781	0.253	0.0152	0.00000621	117	0.0000683	0.00138	0.00044	0.00369	0.0414	0.0000258	5.23	58.9	0.125	0.00419	1030	0.0227	0.0424	0.0000931	0.00127	0.000579	0.512	0.0000113	0.000921	0.00118	0.00331	0.000135
2027 Feb	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00781	0.253	0.0153	0.00000621	117	0.0000683	0.00138	0.00044	0.00369	0.0414	0.0000258	5.23	58.9	0.125	0.00419	1030	0.0227	0.0424	0.0000934	0.00127	0.000578	0.512	0.0000113	0.000921	0.00118	0.00331	0.000135
2027 Mar	3640	1.65	6.92	0.103	1600	0.165	539	0.000769	0.000769	0.00000492	0.01	0.00781	0.253	0.0153	0.00000621	117	0.0000683	0.00138	0.00044	0.00369	0.0414	0.0000258	5.23	58.9	0.125	0.00419	1030	0.0227	0.0424	0.0000936	0.00127	0.000578	0.512	0.0000113	0.000921	0.00118	0.00331	0.000135
2027 Apr	3640	1.65	6.92	0.103	1600	0.165	539	0.00077	0.00077	0.00000492	0.01	0.00782	0.253	0.0153	0.00000622	117	0.0000683	0.00138	0.000441	0.00369	0.0415	0.0000258	5.24	59	0.125	0.00419	1030	0.0227	0.0425	0.0000938	0.00127	0.000579	0.512	0.0000113	0.000921	0.00118	0.00331	0.000135
2027 May	3660	1.66	6.96	0.103	1610	0.166	542	0.000771	0.000771	0.00000493	0.01	0.00826	0.255	0.0153	0.00000624	118	0.0000686	0.00139	0.000443	0.00371	0.0416	0.0000259	5.26	59.3	0.126	0.00421	1040	0.0228	0.0425	0.0000942	0.00128	0.000582	0.514	0.0000113	0.000926	0.00119	0.00333	0.000135
2027 Jun	3380	1.51	6.36	0.0943	1490	0.155	507	0.000787	0.000787	0.00000491	0.00991	0.0078	0.239	0.0148	0.00000613	111	0.000066	0.00131	0.000421	0.0035	0.0415	0.0000249	4.85	55.7	0.117	0.00391	959	0.0214	0.0423	0.0000959	0.00122	0.000546	0.472	0.0000117	0.000865	0.00116	0.00328	0.000118
2027 Jul	2960	1.33	5.57	0.0829	1290	0.139	445	0.000815	0.000815	0.00000495	0.00962	0.00681	0.21	0.0144	0.00000602	98.2	0.0000608	0.00117	0.00038	0.00314	0.0415	0.0000231	4.45	48.7	0.106	0.00346	828	0.0189	0.0429	0.0000969	0.0011	0.000484	0.428	0.0000111	0.000767	0.00108	0.00314	0.00011
2027 Aug	2930	1.32	5.52	0.0823	1270	0.138	443	0.000821	0.000821	0.00000498	0.00965	0.00672	0.21	0.0144	0.00000605	97.8	0.0000609	0.00117	0.000379	0.00313	0.0416	0.0000231	4.45	48.5	0.105	0.00345	818	0.0188	0.0431	0.0000973	0.0011	0.000483	0.428	0.0000111	0.000765	0.00108	0.00316	0.00011
2027 Sep	3730	1.62	6.86	0.101	1630	0.173	577	0.000772	0.000772	0.0000049	0.0104	0.00713	0.27	0.015	0.0000063	126	0.0000726	0.00146	0.000464	0.00389	0.0417	0.0000272	5.16	63.7	0.129	0.00437	1050	0.0243	0.0418	0.0000916	0.00136	0.000615	0.507	0.0000117	0.000969	0.00126	0.00348	0.000118
2027 Oct	4050	1.76	7.41	0.109	1750	0.188	632	0.000748	0.000748	0.00000488	0.0107	0.00741	0.294	0.0155	0.00000642	136	0.0000773	0.00158	0.000498	0.00422	0.0416	0.0000288	5.59	69.4	0.14	0.00479	1130	0.0265	0.0419	0.0000886	0.00146	0.00067	0.553	0.0000127	0.00106	0.00132	0.00358	0.00013
2027 Nov	4010	1.75	7.36	0.109	1720	0.187	627	0.000748	0.000748	0.0000049	0.0107	0.00739	0.291	0.0156	0.00000642	135	0.0000767	0.00156	0.000494	0.00419	0.0416	0.0000286	5.63	68.5	0.139	0.00478	1110	0.0262	0.0423	0.0000848	0.00144	0.00064	0.557	0.0000131	0.00105	0.00131	0.00355	0.000135
2027 Dec	3990	1.75	7.33	0.109	1720	0.186	625	0.000749	0.000749	0.0000049	0.0107	0.00737	0.29	0.0156	0.00000641	134	0.0000764	0.00156	0.000493	0.00418	0.0416	0.0000285	5.63	68.2	0.139	0.00477	1110	0.0261	0.0424	0.0000844	0.00144	0.00062	0.556	0.0000131	0.00105	0.00131	0.00354	0.000135
2028 Jan	3980	1.74	7.31	0.108	1710	0.186	623	0.00075	0.00075	0.0000049	0.0107	0.00735	0.289	0.0157	0.00000641	134	0.0000763	0.00155	0.000493	0.00417	0.0418	0.0000285	5.62	68.1	0.139	0.00476	1100	0.0261	0.0424	0.0000851	0.00144	0.00066	0.555	0.0000131	0.00105	0.0013	0.00354	0.000135
2028 Feb	3980	1.74	7.3	0.108	1710	0.186	622	0.00075	0.00075	0.0000049	0.0107	0.00735	0.289	0.0158	0.00000641	134	0.0000762	0.00155	0.000494	0.00417	0.042	0.0000285	5.61	68	0.139	0.00475	1100	0.0261	0.0425	0.0000863	0.00143	0.00066	0.555	0.0000131	0.00105	0.0013	0.00353	0.000135
2028 Mar	3980	1.74	7.3	0.108	1710	0.186	622	0.00075	0.00075	0.0000049	0.0107	0.00734	0.289	0.0158	0.00000641	134	0.0000762	0.00155	0.000494	0.00417	0.0421	0.0000285	5.61	67.9	0.139	0.00475	1100	0.026	0.0425	0.0000871	0.00143	0.000659	0.555	0.0000131	0.00105	0.0013	0.00353	0.000135
2028 Apr	3980	1.74	7.3	0.108	1710	0.186	622	0.000751	0.000751	0.0000049	0.0107	0.00734	0.289	0.0159	0.00000641	134	0.0000762	0.00155	0.000495	0.00417	0.0422	0.0000285	5.61	67.9	0.139	0.00475	1100	0.026	0.0425	0.0000877	0.00143	0.000659	0.555	0.0000131	0.00105	0.00131	0.00353	0.000135
2028 May	3990	1.75	7.32	0.108	1710	0.186	624	0.000753	0.000753	0.00000492	0.0107	0.00809	0.289	0.0159	0.00000643	134	0.0000764	0.00156	0.000497	0.00418	0.0424	0.0000285	5.63	68.1	0.139	0.00476	1100	0.0261	0.0427	0.0000884	0.00144	0.000661	0.557	0.0000131	0.00105	0.00131	0.00354	0.000135
2028 Jun	2740	1.19	4.94	0.0739	1140	0.135	439	0.00082	0.00082	0.00000493	0.0097	0.00689	0.205	0.0142	0.00000599	96	0.0000607	0.00114	0.000375	0.00309	0.0414	0.0000229	4.26	47.6	0.103	0.00337	731	0.0186	0.0429	0.0000934	0.00108	0.000477	0.41	0.0000101	0.000751	0.00107	0.00314	0.0000993
2028 Jul	1760	0.785	3.18	0.0489	682	0.0943	290	0.00088	0.00088	0.00000502	0.00887	0.0044	0.136	0.0132	0.0000057	64.2	0.0000477	0.0008	0.000276	0.00222	0.041	0.0000183	3.36	30.5	0.075	0.0023	434	0.0124	0.044	0.0000973	0.000794	0.000327	0.31	0.00000887	0.000518	0.000872	0.0028	0.0000843
2028 Aug	2220	0.999	4.02	0.0622	836	0.116	373	0.000906	0.000906	0.00000537	0.00969	0.00735	0.172	0.0145	0.00000623	79.4	0.0000562	0.000974	0.000331	0.00272	0.0432	0.0000213	4.24	38.4	0.094	0.00297	530	0.0157	0.0466	0.000101	0.00097	0.000412	0.399	0.0000116	0.000658	0.001	0.00314	0.000116
2028 Sep	5190	2.29	9.24	0.142	1920	0.254	911	0.000636	0.000636	0.00000514	0.0121	0.0132	0.403	0.0178	0.00000728	180	0.000102	0.00206	0.000653	0.00573	0.0402	0.0000363	8.72	92.3	0.202	0.00708	1220	0.0369	0.0435	0.0000724	0.00199	0.000938	0.874	0.0000236	0.00153	0.00164	0.00427	0.000265
2028 Oct	4400	1.8	7.47	0.109	1820	0.234	781	0.000693	0.000693	0.00000467	0.0122	0.00546	0.358	0.0182	0.0000066	170	0.0000874	0.00188	0.000602	0.00522	0.0439	0.0000335	6.06	86.4	0.158	0.0059	1170	0.0326	0.045	0.0000388	0.00165	0.00081	0.612	0.0000113	0.00128	0.0014	0.00352	0.000112
2028 Nov	4090	1.69	6.95	0.102	1680	0.221	725	0.000715	0.000715	0.00000471	0.0119	0.00521	0.332	0.0182	0.0000065	158	0.0000822	0.00176	0.000567	0.00491	0.044	0.0000318	5.78	80.1	0.148	0.00554	1080	0.0303	0.0461	0.0000374	0.00154	0.000755	0.58	0.0000111	0.0012	0.00132	0.00335	0.000109
2028 Dec	4050	1.67	6.87	0.101	1660	0.219	717	0.000719	0.000719	0.00000472	0.0119	0.00516	0.329	0.0182	0.00000648	156	0.0000815	0.00174	0.000562	0.00487	0.0441	0.0000315	5.73	79.2	0.147	0.00548	1070	0.0299	0.0462	0.0000372	0.00152	0.000747	0.575	0.0000111	0.00119	0.0013	0.00332	0.000108
2029 Jan	4030	1.66	6.84	0.1	1650	0.218	713	0.00072	0.00072	0.00000472	0.0118	0.00514	0.327	0.0183	0.00000647	156	0.0000811	0.00173	0.000562	0.00485	0.0444	0.0000314	5.71	78.8	0.146	0.00546	1060	0.0298	0.0463	0.0000389	0.00151	0.000743	0.573	0.0000109	0.00118	0.0013	0.00331	0.000107
2029 Feb	4020	1.66	6.82	0.1	1650	0.217	712	0.000721	0.000721	0.00000472	0.0118	0.00514	0.326	0.0184	0.00000647	156	0.000081	0.00173	0.000564	0.00484	0.0447	0.0000314	5.7	78.6	0.146	0.00544	1060	0.0297	0.0464	0.0000413	0.00151	0.000742	0.572	0.0000109	0.00118	0.0013	0.00331	0.000107
2029 Mar	4010	1.66	6.81	0.1	1640	0.217	710	0.000721	0.000721	0.00000472	0.0118	0.00513	0.326	0.0185	0.00000647	155	0.0000809	0.00173	0.000565	0.00484	0.045	0.0000313	5.7	78.5	0.147	0.00543	1060	0.0297	0.0464	0.000043	0.00151	0.000741	0.572	0.0000109	0.00118	0.0013	0.0033	0.000107
2029 Apr	4010	1.65	6.8	0.0999	1640	0.217	710	0.000722	0.000722	0.00000472	0.0118	0.00513	0.325	0.0186	0.00000647	155	0.0000808	0.00173	0.000566	0.00483	0.0452	0.0000313	5.7	78.4	0.147	0.00543	1060	0.0297	0.0465	0.0000442	0.00151	0.00074	0.571	0.0000109	0.00118	0.00131	0.0033	0.000106
2029 May	4040	1.67	6.85	0.101	1660	0.219	717	0.000722	0.000722	0.00000473	0.0119	0.00552	0.329	0.0187	0.00000649	157	0.0000815	0.00174	0.000572	0.00488	0.0454	0.0000316	5.73	79.2	0.148	0.00547	1070	0.0299	0.0465	0.0000453	0.00152	0.000747	0.575	0.0000109	0.00119	0.00132	0.00333	0.000106
2029 Jun	3520	1.34	5.77	0.083	1500	0.196	652	0.000747	0.000747	0.00000456	0.0113	0.00741	0.305	0.0156	0.00000622	146	0.0000787	0.00164	0.000528	0.00442	0.0436	0.0000302	4.56	74.9	0.132	0.00472	972	0.0279	0.0409	0.0000729	0.00148	0.00069	0.458	0.00000625	0.00106	0.00136	0.00351	0.000049
2029 Jul	800	0.413	1.5	0.0274	244	0.0586	148	0.000889	0.000889	0.00000492	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0393	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0435	0.0000964	0.00055	0.000206	0.236	0.00000789	0.00033	0.0006692	0.00241	0.0000737
2029 Aug	951	0.467	1.74	0.0309	312	0.0681	178	0.000887	0.000887	0.00000494	0.00806	0.00288	0.0893	0.0125	0.0000054	37.6	0.0000375	0.000513	0.000219	0.00172	0.0399	0.0000154	2.83	16.1	0.058	0.00167	174	0.00908	0.0434	0.0000959	0.000608	0.000238	0.254	0.00000795	0.000379	0.000722	0.00246	0.0000739
2029 Sep	3280	1.4	5.62	0.0919	1240	0.194	642	0.000676	0.000676	0.00000465	0.0109	0.00821	0.303	0.0155	0.0000037	126	0.0000799	0.00147	0.000541	0.00462	0.0393	0.0000306	6.09	63.7	0.151	0.00527	741	0.0301	0.0395	0.0000711	0.00158	0.000734	61	0.0000134	0.00117	0.0014	0.00356	0.00014
2029 Oct	4650	2.14	8.23	0.132	1550	0.251	883	0.000572	0.000572	0.00000499	0.0119	0.0127	0.39	0.0188	0.00000709	166	0.0000977	0.00191	0.000648	0.00575	0.0383	0.0000353	9.31	84.5	0.205	0.00728	948	0.0367	0.0447	0.0000491	0.00193	0.000931	0.933	0.0000267	0.00154	0.00154	0.00392	0.000305
2029 Nov	2410	1.3	4.49	0.0754	648	0.143	443	0.000758	0.000758	0.00000523	0.00978	0.00673	0.189	0.0187	0.00000617	81.7	0.0000551	0.000978	0.000367	0.00326	0.0407	0.0000213	6.46	37.7	0.117	0.00418	382	0.0177	0.0536	0.0000321	0.000945

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2032 Jun	3910	1.54	6.65	0.0979	1760	0.177	579	0.00121	0.00121	0.0000173	0.0155	0.00762	0.348	0.0664	0.000267	124	0.0000738	0.00193	0.000741	0.0041	0.0528	0.000028	4.87	63.4	0.125	0.0069	1120	0.0268	0.0378	0.00013	0.00183	0.000679	0.483	0.0000329	0.00123	0.00649	0.00333	0.000369
2032 Jul	2760	1.07	4.49	0.071	1110	0.129	415	0.00119	0.00119	0.000016	0.0137	0.00551	0.261	0.0592	0.000239	82.8	0.0000597	0.00144	0.000602	0.00314	0.0488	0.0000227	4.3	41.2	0.101	0.00559	679	0.0202	0.0376	0.00013	0.00149	0.000519	0.416	0.0000312	0.000971	0.00572	0.00298	0.000351
2032 Aug	3050	1.18	4.98	0.0778	1250	0.14	456	0.00117	0.00117	0.0000159	0.0139	0.00562	0.279	0.059	0.000236	91.7	0.0000629	0.00153	0.000626	0.00338	0.0489	0.0000241	4.48	46	0.107	0.00584	769	0.0219	0.0371	0.00128	0.00157	0.00056	0.437	0.0000031	0.00103	0.00572	0.00308	0.000347
2032 Sep	3300	1.27	5.38	0.0837	1360	0.15	493	0.00124	0.00124	0.0000178	0.0148	0.00619	0.307	0.0671	0.000276	98.8	0.0000661	0.00168	0.000689	0.0036	0.0505	0.0000253	4.75	49.9	0.114	0.00649	839	0.0237	0.0365	0.00133	0.00171	0.000605	0.465	0.0000352	0.00113	0.00656	0.00316	0.000397
2032 Oct	3410	1.32	5.55	0.0869	1390	0.156	510	0.0013	0.0013	0.0000198	0.0157	0.00684	0.326	0.0754	0.000317	101	0.0000678	0.00179	0.000741	0.00372	0.0522	0.0000258	5.04	51.1	0.119	0.00706	856	0.0246	0.0364	0.00139	0.00182	0.000631	0.495	0.00004	0.0012	0.0074	0.00318	0.000455
2032 Nov	3370	1.32	5.51	0.0862	1370	0.155	505	0.00128	0.00128	0.0000191	0.0154	0.00672	0.319	0.0725	0.000301	100	0.0000669	0.00175	0.000721	0.00369	0.0518	0.0000256	5.05	50.5	0.118	0.00689	842	0.0242	0.0373	0.00134	0.00177	0.000621	0.495	0.0000387	0.00118	0.00706	0.00314	0.00044
2032 Dec	3210	1.27	5.27	0.0825	1300	0.15	482	0.00124	0.00124	0.000018	0.0149	0.00642	0.301	0.0681	0.000277	96.2	0.0000643	0.00166	0.000683	0.00356	0.0512	0.0000248	4.92	48.1	0.113	0.00652	798	0.023	0.0388	0.00125	0.00166	0.000591	0.48	0.0000364	0.00112	0.00653	0.00303	0.000412
2033 Jan	3180	1.26	5.22	0.0816	1280	0.149	477	0.00124	0.00124	0.0000178	0.0148	0.00637	0.298	0.0677	0.000274	95.5	0.0000638	0.00164	0.00068	0.00354	0.0516	0.0000246	4.89	47.7	0.113	0.00645	790	0.0227	0.039	0.00127	0.00165	0.000585	0.477	0.000036	0.00111	0.00647	0.00301	0.000408
2033 Feb	3160	1.25	5.2	0.0813	1280	0.148	475	0.00124	0.00124	0.0000178	0.0148	0.00636	0.297	0.0678	0.000273	95.3	0.0000636	0.00164	0.000683	0.00353	0.0522	0.0000246	4.88	47.5	0.113	0.00643	787	0.0227	0.0391	0.00013	0.00164	0.000584	0.476	0.0000359	0.0011	0.00645	0.003	0.000406
2033 Mar	3160	1.25	5.19	0.0811	1280	0.148	474	0.00124	0.00124	0.0000177	0.0148	0.00635	0.296	0.0678	0.000273	95.3	0.0000635	0.00164	0.000684	0.00353	0.0525	0.0000245	4.88	47.4	0.113	0.00642	785	0.0226	0.0392	0.00132	0.00164	0.000583	0.476	0.0000358	0.0011	0.00644	0.003	0.000406
2033 Apr	3160	1.25	5.19	0.0811	1280	0.148	474	0.00124	0.00124	0.0000178	0.0148	0.00636	0.296	0.0679	0.000273	95.4	0.0000636	0.00164	0.000686	0.00353	0.0528	0.0000246	4.89	47.4	0.114	0.00642	785	0.0226	0.0393	0.00134	0.00164	0.000583	0.476	0.0000358	0.0011	0.00644	0.003	0.000406
2033 May	2660	1.08	4.39	0.0687	1060	0.127	400	0.00118	0.00118	0.0000149	0.0131	0.00828	0.244	0.0618	0.000212	86.5	0.0000568	0.00143	0.000689	0.00318	0.066	0.0000221	4.58	40.6	0.119	0.00526	655	0.0191	0.0434	0.000308	0.00138	0.00051	0.442	0.0000293	0.00092	0.0053	0.00282	0.000327
2033 Jun	2640	1.07	4.36	0.0681	1050	0.125	397	0.00132	0.00132	0.000019	0.0144	0.00769	0.269	0.0836	0.000298	89.4	0.0000575	0.00164	0.000867	0.00327	0.0821	0.0000022	4.79	40.8	0.137	0.00608	650	0.0196	0.0437	0.000488	0.00155	0.00054	0.465	0.0000379	0.001	0.00718	0.00283	0.000351
2033 Jul	3060	1.17	4.87	0.0764	1240	0.142	457	0.00163	0.00163	0.0000282	0.0184	0.00816	0.351	0.12	0.000487	98.6	0.0000638	0.0021	0.00107	0.00366	0.0862	0.0000241	5.03	46.7	0.143	0.00834	762	0.0233	0.04	0.000479	0.00202	0.000637	0.494	0.0000558	0.00128	0.011	0.00298	0.000477
2033 Aug	3220	1.23	5.14	0.0802	1310	0.148	479	0.00165	0.00165	0.0000288	0.0187	0.00835	0.364	0.122	0.000498	103	0.000066	0.00217	0.00109	0.00379	0.0864	0.0000249	5.14	49.3	0.146	0.0086	809	0.0243	0.0399	0.000475	0.00208	0.000661	0.506	0.0000569	0.00133	0.0113	0.00305	0.000474
2033 Sep	4960	1.9	8.06	0.123	2070	0.218	743	0.0014	0.0014	0.0000249	0.019	0.00872	0.461	0.104	0.000425	152	0.0000888	0.00253	0.0011	0.00527	0.0709	0.0000333	6.36	76.8	0.178	0.00981	1290	0.0352	0.0361	0.000302	0.00247	0.000903	0.646	0.0000515	0.00168	0.01	0.00364	0.000398
2033 Oct	4530	1.84	7.61	0.114	1850	0.207	682	0.00103	0.00103	0.0000141	0.0149	0.00658	0.365	0.0569	0.000202	140	0.0000795	0.00195	0.000754	0.00478	0.052	0.0000305	6.01	70.4	0.15	0.00731	1170	0.0303	0.0426	0.000104	0.00184	0.000768	0.603	0.0000314	0.00136	0.00521	0.00321	0.000246
2033 Nov	4160	1.71	6.99	0.105	1690	0.193	626	0.00102	0.00102	0.0000132	0.0143	0.00616	0.334	0.0527	0.000181	129	0.0000741	0.00179	0.000696	0.00446	0.0513	0.0000287	5.69	64.5	0.139	0.00672	1070	0.0278	0.0441	0.0000955	0.00168	0.000706	0.567	0.000029	0.00125	0.00469	0.00303	0.000229
2033 Dec	4140	1.7	6.96	0.105	1680	0.193	622	0.00102	0.00102	0.0000131	0.0143	0.00614	0.333	0.0525	0.00018	128	0.0000738	0.00178	0.000693	0.00444	0.0513	0.0000286	5.67	64.1	0.138	0.00669	1060	0.0276	0.0442	0.0000951	0.00167	0.000702	0.564	0.0000288	0.00124	0.00467	0.00302	0.000227
2034 Jan	4130	1.7	6.94	0.105	1670	0.192	621	0.00102	0.00102	0.0000131	0.0142	0.00612	0.332	0.0525	0.000179	128	0.0000737	0.00178	0.000693	0.00443	0.0514	0.0000286	5.66	64	0.138	0.00668	1060	0.0276	0.0442	0.0000959	0.00167	0.000701	0.564	0.0000288	0.00124	0.00466	0.00302	0.000227
2034 Feb	4120	1.69	6.93	0.104	1670	0.192	620	0.00102	0.00102	0.0000131	0.0142	0.00612	0.331	0.0525	0.000179	128	0.0000736	0.00178	0.000694	0.00443	0.0516	0.0000286	5.66	63.9	0.138	0.00667	1060	0.0275	0.0443	0.0000971	0.00167	0.0007	0.563	0.0000287	0.00124	0.00466	0.00302	0.000227
2034 Mar	4120	1.69	6.92	0.104	1670	0.192	620	0.00102	0.00102	0.0000131	0.0142	0.00612	0.331	0.0526	0.000179	128	0.0000736	0.00178	0.000694	0.00443	0.0517	0.0000286	5.65	63.9	0.138	0.00666	1060	0.0275	0.0443	0.0000979	0.00167	0.0007	0.563	0.0000287	0.00124	0.00466	0.00302	0.000226
2034 Apr	4120	1.69	6.93	0.104	1670	0.192	620	0.00102	0.00102	0.0000131	0.0142	0.00612	0.331	0.0526	0.000179	128	0.0000736	0.00178	0.000695	0.00443	0.0519	0.0000286	5.66	63.9	0.139	0.00666	1060	0.0275	0.0444	0.0000986	0.00167	0.0007	0.564	0.0000287	0.00124	0.00466	0.00302	0.000226
2034 May	3880	1.6	6.53	0.0985	1570	0.182	585	0.00102	0.00102	0.0000126	0.0138	0.0108	0.312	0.052	0.000167	123	0.0000707	0.0017	0.000696	0.00425	0.0564	0.0000275	5.52	60.3	0.139	0.00628	992	0.026	0.0455	0.000158	0.00158	0.000668	0.548	0.0000273	0.00117	0.00443	0.00296	0.000216
2034 Jun	2520	1.03	4.14	0.0638	1010	0.125	382	0.00128	0.00128	0.0000174	0.014	0.00746	0.253	0.0796	0.000265	90.3	0.0000549	0.00157	0.00086	0.00327	0.0861	0.0000216	4.46	40.3	0.136	0.00567	631	0.0188	0.0469	0.000517	0.00142	0.000521	0.434	0.0000335	0.000947	0.00651	0.00264	0.000226
2034 Jul	2950	1.14	4.68	0.073	1180	0.143	451	0.00152	0.00152	0.0000251	0.0172	0.00786	0.33	0.109	0.000424	99.9	0.0000619	0.00198	0.00102	0.00368	0.0863	0.0000239	4.77	46.7	0.142	0.00772	729	0.0228	0.0425	0.000479	0.00186	0.00062	0.47	0.0000492	0.00121	0.00973	0.00282	0.000317
2034 Aug	3040	1.17	4.84	0.0748	1240	0.148	466	0.00154	0.00154	0.0000252	0.0174	0.00788	0.338	0.109	0.000426	104	0.0000633	0.00202	0.00102	0.00376	0.0861	0.0000245	4.77	48.9	0.143	0.00781	768	0.0233	0.0426	0.000471	0.00189	0.000633	0.471	0.0000491	0.00123	0.00978	0.00289	0.000314
2034 Sep	4280	1.63	6.89	0.104	1770	0.204	679	0.00132	0.00132	0.0000217	0.0175	0.00787	0.415	0.0918	0.000357	144	0.0000821	0.00231	0.00102	0.00493	0.0726	0.0000313	5.72	72.2	0.167	0.00865	1120	0.0321	0.0392	0.000324	0.00219	0.000825	0.579	0.0000433	0.0015	0.00859	0.00341	0.000284
2034 Oct	4550	1.75	7.37	0.111	1880	0.22	734	0.00107	0.00107	0.0000157	0.0158	0.00686	0.405	0.0654	0.000238	154	0.0000856	0.00217	0.000872	0.00517	0.0588	0.0000328	5.87	78	0.164	0.00791	1190	0.0335	0.0396	0.000181	0.00206	0.000844	0.597	0.0000321	0.00147	0.00613	0.00344	0.000223
2034 Nov	4400	1.7	7.13	0.107	1820	0.214	709	0.00107	0.00107	0.0000153	0.0156	0.00666	0.391	0.0635	0.000228	149	0.0000833	0.0021	0.000845	0.00503	0.0583	0.0000321	5.73	75.4	0.159	0.00765	1150	0.0324	0.0403	0.000175	0.00199	0.000817	0.581	0.000031	0.00142	0.0059	0.00337	0.000215
2034 Dec	4380	1.69	7.11	0.107	1810	0.214	707	0.00107	0.00107	0.0000153	0.0155	0.00664	0.39	0.0633	0.000228	149	0.0000831	0.00209	0.000843	0.00501	0.0582	0.0000332	5.71	75.2	0.158	0.00762	1140	0.0323	0.0404	0.000174	0.00198	0.000814	0.579	0.0000309	0.00142	0.00588	0.00336	0.000214
2035 Jan	4380	1.69	7.1	0.107	1810	0.214	706	0.00107	0.00107	0.0000152	0.0155	0.00664	0.389	0.0633	0.000227	149	0.000083	0.00209	0.000842	0.00501	0.0583	0.0000332	5.71	75.1	0.158	0.00761	1140	0.0323	0.0404	0.000174	0.00198	0.000813	0.579	0.0000309	0.00142	0.00587	0.00336	0.000214
2035 Feb	4370	1.69	7.09	0.107	1810	0.213	705	0.00107	0.00107	0.0000152	0.0155	0.00663	0.389	0.0633	0.000227	149	0.0000829	0.00209	0.000843	0.00501	0.0584	0.0000332	5.71	75	0.158	0.00761	1140	0.0323	0.0404	0.000175	0.00198	0.000812	0.578	0.0000309	0.00142	0.00587	0.00335	0.000214
2035 Mar	4370	1.69	7.09	0.106	1800	0.213	705	0.00107	0.00107	0.0000152	0.0155	0.00663	0.389	0.0633	0.000227	149	0.0000829	0.00209	0.000843	0.005	0.0585	0.0000319	5.7	75	0.158	0.0076	1140	0.0322	0.0405	0.000176	0.00197	0.000812	0.578	0.0000309	0.00142	0.00586	0.00335	0.000214
2035 Apr	4370	1.69	7.09	0.106	1810	0.213	705	0.00107	0.00107	0.0000152	0.0155	0.00664	0.389	0.0633	0.000227	149	0.0000829	0.00209	0.000844	0.00501	0.0586	0.0000332	5.71	75	0.158	0.00761	1140	0.0323	0.0405	0.000176	0.00198	0.000812	0.579	0.0000309	0.00142	0.00587	0.00336	0.000214
2035 May	4370	1.69	7.1	0.107	1800	0.213	705	0.00107	0.00107	0.0000152	0.0155	0.00832	0.388	0.0634	0.000226	149	0.000083	0.00209	0.000846	0.00501	0.0591	0.0000332	5.74	75	0.159	0.0076	1140	0.0322	0.0408	0.000181	0.00197	0.000813	0.581	0.0000309	0.00142	0.00586	0.00336	0.000215
2035 Jun	2630	1.03	4.21	0.0649	1030	0.135	427	0.00111	0.00111	0.0000134	0.0129	0.00674	0.25	0.0556	0.000184	93.3	0.0000593	0.00144	0.00067	0.00335	0.0632	0.0000231	4.25	44.5	0.119	0.00515	644	0.0203	0.0429	0.000282	0.00138	0.000532	0.415	0.0000253	0.000933	0.00477	0.00285	0.000173
2035 Jul	2510	0.965	3.94	0.0618	957	0.129	410	0.0011	0.0011	0.0000132	0.0127	0.00628	0.241	0.0539	0.000181	87.5	0.0000583	0.00137	0.000643	0.00325	0.0606	0.0000227	4.15	41.7	0.114	0.00502	591	0.0198	0.042	0.000261	0.00136	0.000517	0.405	0.000025	0.00091	0.00469	0.00286	0.000171
2035 Aug	2620	1.01	4.12	0.0644	1000	0.135	431	0.00106	0.00106	0.0000122	0.0125	0.00624	0.245	0.0496	0.00016	91.8	0.0000604	0.00138	0.000632	0.00336	0.0593	0.0000235	4.27	44.1	0.118	0.00496	619	0.0207	0.042	0.000251	0.00137	0.000535	0.417	0.0000231	0.000923	0.00429	0.00294	0.000161
2035 Sep	3820	1.43	6.03	0.0909	1520	0.195	658	0.000869	0.000869	0.00000925	0.0128	0.00628	0.332	0.0378	0.000104	139	0.0000798	0.00176	0.000693	0.00465	0.0527	0.0000307	5.23	70	0.15	0.00596	961	0.0299	0.0391	0.000177	0.00171	0.000746	0.529	0.0000178	0.00122	0.00343	0.00346	0.000131
2035 Oct	4350	1.63	6.91	0.103	1760	0.222	756	0.000796	0.000796	0.00000813	0.013	0.00641	0.371	0.0335	0.00008832	160	0.0000883	0.00194	0.000722	0.0052	0.0504	0.0000337	5.69	81.6	0.165	0.00642	1120	0.0338	0.0384	0.000148	0.00186	0.000836	0.581	0.0000161	0.00134	0.00311	0.00369	0.000122
2035 Nov	4180	1.59	6.68	0.0997	1670	0.215	727	0.000796	0.000796	0.00000793	0.0127	0.0063	0.355	0.0324	0.0000778	153	0.0000853	0.00186	0.000693	0.00502	0.0497	0.0000326	5.67	77.9	0.16	0.00621	1060	0.0324	0.0395	0.000139	0.00178	0.000803	0.576	0.0000163	0.0013	0.00294	0.00357	0.000128
2035 Dec	4140	1.57	6.62	0.0988	1650	0.213	720	0.000798	0.000798	0.0000079	0.0127	0.00625	0.352	0.0323	0.0000771	152	0.0000846	0.00184	0.000688	0.00498	0.0497	0.0000324	5.63	77.2	0.158	0.00616	1050	0.0321	0.0397	0.000138	0.00176	0.000797	0.572	0.0000162	0.00128	0.00291	0.00355	0.000127
2036 Jan	4130	1.57	6.6	0.0986	1650	0.213	719	0.000798	0.000798	0.0000079	0.0127	0.00624	0.352	0.0323	0.000077	152	0.0000845	0.00184	0.000687	0.00498	0.0498	0.0000324	5.63	77.1	0.158	0.00615	1050	0.032	0.0397	0.000139	0.00176	0.000795	0.571	0.0000161	0.00128	0.00291	0.00355	0.000127
2036 Feb	4130	1.57	6.6	0.0985	1650	0.213	718	0.000798	0.000798	0.00000789	0.0127	0.00624	0.351	0.0324	0.0000769	152	0.0000844	0.00184	0.000688	0.00497	0.05	0.0000323	5.62	77	0.158	0.00614	1050	0.032	0.0398	0.000139	0.00176	0.000794	0.571	0.0000161	0.00128	0.00291	0.00354	0.000127
2036 Mar	4130	1.57	6.59	0.0985	1650	0.212	717	0.000799	0.000799	0.00000789	0.0127	0.00623	0.351	0.0324	0.0000769	152	0.0000844	0.00184	0.000688	0.00497	0.0501	0.0000323	5.62	77	0.158	0.00614	1050	0.032	0.0398	0.00014	0.00176	0.000794	0.571	0.0000161	0.00128	0.00291	0.00354	0.000127
2036 Apr	4130	1.57	6.6	0.0986	1650	0.213	718	0.000799	0.000799	0.0000079	0.0127	0.00704	0.351	0.0324	0.0000769	152	0.0000844	0.00184	0.000689	0.00497	0.0502	0.0000323	5.63	77	0.159	0.00614	1050	0.032	0.0398	0.00014	0.00176	0.000794	0.571	0.0000161	0.00128	0.00291	0.00355	0.000127
2036 May	4150	1.58	6.63	0.099	1650	0.213	721	0.000801	0.000801	0.0000079	0.0127	0.00917	0.352	0.0325	0.000077	152	0.0000848	0.00185	0.000692	0.00499	0.0503	0.0000325	5.67	77.3	0.159	0.00617	1050	0.0321	0.04	0.000141	0.00177	0.000798	0.575	0.0000163	0.00129	0.00292	0.00356	0.000128
2036 Jun	3580	1.32	5.56	0.0842	1380	0.186	631	0.000768	0.000768	0.0000638	0.0115	0.00731	0.301	0.0243	0.0000455	131	0.0000777	0.00156	0.000588	0.00442	0.0461	0.0000297	5.03	66.4	0.141	0.00518	869	0.0284	0.0389	0.000125	0.00156	0.000703	0.506	0.0000122	0.00111	0.00219	0.00345	0.000986
2036 Jul	3190	1.17	4.93	0.0752	1210	0.169	571	0.000767	0.000767	0.0000573	0.0109	0.00616	0.271	0.0204	0.0000311	118	0.0000729	0.00114	0.000525	0.00406	0.044	0.0000279	4.68	59.7	0.129	0.00461	760	0.0259	0.0388	0.000114	0.00143	0.000641	0.468	0.0000105	0.00101	0.00182	0.00337	0.000087
2036 Aug	3240	1.19	4.99	0.0762	1220	0.172	581	0.000768	0.000768	0.0000569	0.011	0.00637	0.275	0.0201	0.0000297	120	0.0000738	0.00142	0.000529	0.00412	0.0441	0.0000283	4.76	60.6	0.131	0.00467	766	0.0263	039	0.000113	0.00145	0.000651	0.476	0.0000106	0.00102	0.00181	0.00341	0.0000888
2036 Sep	5220	1.85	7.92	0.119	1970	0.274	982	0.00058	0.00058	0.00000489	0.013	0.00808	0.452	0.0191	0.0000208	198	0.00011	0.00223	0.000774	0.00645	0.0417	0.0000411	6.98	104	0.204	0.00739	1250	0.0436	0.033	0.0000906	0.00227	0.00106	0.726	0.000012	0.00165	0.0022	0.00447	0.000111
2036 Oct	6260	2.2	9.46	0.14	2420	0.336	1210	0.000467	0.000467	0.00000406	0.0142	0.00766	0.552	0.0177	0.00000974	248	0.00013	0.00272	0.000903	0.00778	0.0406	0.0000482	7.91	130	0.239	0.00883	1540	0.0529	0.0312	0.0000545	0.00267	0.00128	0.835	0.0000106	0.00198	0.00225	0.0049	0.0000985
2036 Nov	5730	2.04	8.7	0.129	2190	0.31	1100	0.000511	0.000511	0.00000418	0.0137	0.00723	0.504	0.0178	0.00000928	226	0.000119	0.00249	0.000832	0.00717	0.041	0.0000447	7.52	119	0.22	0.00815	1390	0.0482	034	0.0000513	0.00243	0.00117	0.787	0.000011	0.00182	0.00206	0.00456	0.000105
2036 Dec	5380	1.93	8.18	0.121	2050	0.294	1030	0.00054	0.00054	0.00000425	0.0133	0.00689	0.473	0.0178	0.000009	213	0.0000113	0.00234	0.000787	0.00678	0.0413	0.0000425	7.18	111	0.208	0.00769	1300	0.0452	0.0356	0.0000492	0.00228	0.0011	0.748	0.0000107	0.00171	0.00194	0.00434	0.000102
2037 Jan	5330	1.91	8.1	0.12	2030	0.291	1030	0.000544	0.000544	0.00000425	0.0133	0.00684	0.468	0.0179	0.00000897	211	0.000112	0.00233	0.000785	0.00673	0.0418	0.0000422	7.13	110	0.206	0.00763	1290	0.0448	0.0358	0.0000517	0.00226	0.00109	0.742	0.0000107	0.0017	0.00193	0.00432	0.000101
2037 Feb	5310	1.91	8.07	0.12	2020	0.29	1020	0.000546	0.000546	0.00000426	0.0132	0.00683	0.467	0.0181	0.00000895	211	0.000112	0.00232	0.000786	0.00672

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000849
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2039 Dec	440	0.137	0.542	0.00875	150	0.0463	87.4	0.000973	0.000973	0.00000497	0.0047	0.000962	0.0415	0.0129	0.00000526	26.8	0.0000175	0.000309	0.0002	0.00129	0.0327	0.0000067	1.42	10.3	0.0323	0.000683	94.5	0.00423	0.0199	0.000154	0.000248	0.000134	0.0996	0.00000235	0.00016	0.000403	0.00138	0.00000369
2040 Jan	440	0.137	0.542	0.00875	150	0.0463	87.4	0.000973	0.000973	0.00000497	0.0047	0.000962	0.0415	0.0129	0.00000526	26.8	0.0000175	0.000309	0.0002	0.00129	0.0327	0.0000067	1.42	10.3	0.0323	0.000683	94.5	0.00423	0.0199	0.000154	0.000248	0.000134	0.0996	0.00000235	0.00016	0.000403	0.00138	0.00000369
2040 Feb	440	0.137	0.542	0.00875	150	0.0463	87.4	0.000973	0.000973	0.00000497	0.0047	0.000962	0.0415	0.0129	0.00000526	26.8	0.0000175	0.00031	0.0002	0.00129	0.0327	0.0000067	1.42	10.3	0.0323	0.000683	94.5	0.00423	0.02	0.000154	0.000248	0.000134	0.0996	0.00000235	0.00016	0.000403	0.00138	0.00000369
2040 Mar	440	0.137	0.542	0.00875	150	0.0463	87.4	0.000974	0.000974	0.00000497	0.0047	0.000962	0.0415	0.0129	0.00000526	26.8	0.0000175	0.00031	0.0002	0.00129	0.0327	0.0000067	1.42	10.3	0.0323	0.000683	94.5	0.00423	0.02	0.000154	0.000248	0.000134	0.0996	0.00000235	0.00016	0.000404	0.00138	0.00000369
2040 Apr	440	0.137	0.543	0.00875	150	0.0463	87.4	0.000974	0.000974	0.00000497	0.0047	0.000963	0.0415	0.0129	0.00000526	26.9	0.0000175	0.00031	0.0002	0.00129	0.0327	0.0000067	1.42	10.3	0.0323	0.000684	94.6	0.00423	0.02	0.000154	0.000248	0.000134	0.0996	0.00000236	0.00016	0.000404	0.00138	0.00000369
2040 May	440	0.137	0.542	0.00873	149	0.0463	87.3	0.000975	0.000975	0.00000498	0.00472	0.000968	0.0414	0.013	0.00000526	26.9	0.0000176	0.000311	0.00202	0.00129	0.0331	0.0000673	1.43	10.3	0.0327	0.000683	94.4	0.00423	0.0201	0.000158	0.000249	0.000135	0.1	0.0000236	0.00016	0.000408	0.00138	0.00000368
2040 Jun	419	0.132	0.509	0.00824	141	0.0445	82.9	0.000972	0.000972	0.00000495	0.00489	0.00102	0.0397	0.0145	0.00000522	27.3	0.0000181	0.000319	0.000225	0.00128	0.0377	0.00000705	1.46	10	0.0368	0.000655	89	0.0041	0.0227	0.0002	0.00025	0.000134	0.104	0.0000232	0.000155	0.000461	0.00143	0.00000337
2040 Jul	424	0.133	0.514	0.00831	143	0.0449	84.1	0.000975	0.000975	0.00000497	0.00493	0.00103	0.0403	0.0146	0.00000524	27.5	0.0000183	0.000323	0.000226	0.00129	0.0379	0.00000714	1.46	10.1	0.0371	0.000663	89.9	0.00415	0.023	0.0002	0.000255	0.000135	0.105	0.0000232	0.000157	0.000466	0.00144	0.00000335
2040 Aug	430	0.135	0.521	0.00841	145	0.0454	85.6	0.000977	0.000977	0.00000498	0.00496	0.00103	0.041	0.0146	0.00000526	27.9	0.0000185	0.000327	0.000227	0.0013	0.0381	0.0000722	1.48	10.3	0.0374	0.000674	91.1	0.00422	0.0231	0.000201	0.000258	0.000137	0.106	0.0000233	0.00016	0.000469	0.00145	0.00000336
2040 Sep	436	0.137	0.528	0.00851	147	0.0459	87.4	0.000978	0.000978	0.00000498	0.00498	0.00104	0.0418	0.0146	0.00000527	28.3	0.0000186	0.000331	0.000228	0.00131	0.0381	0.0000073	1.48	10.5	0.0376	0.000687	92.5	0.00429	0.0232	0.0002	0.000261	0.000139	0.107	0.0000233	0.000162	0.000471	0.00145	0.00000334
2040 Oct	438	0.137	0.53	0.00854	147	0.046	87.9	0.000978	0.000978	0.00000499	0.00499	0.00104	0.042	0.0146	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000732	1.49	10.6	0.0377	0.00069	92.9	0.00431	0.0232	0.0002	0.000262	0.000139	0.107	0.0000233	0.000163	0.000472	0.00146	0.00000334
2040 Nov	438	0.137	0.53	0.00854	147	0.0461	88	0.000978	0.000978	0.00000499	0.005	0.00104	0.042	0.0146	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000733	1.49	10.6	0.0377	0.000691	93	0.00432	0.0232	0.0002	0.000263	0.000139	0.107	0.0000234	0.000163	0.000472	0.00146	0.00000334
2040 Dec	438	0.137	0.53	0.00854	147	0.0461	88	0.000978	0.000978	0.00000499	0.005	0.00104	0.0421	0.0146	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000733	1.49	10.6	0.0377	0.000691	93	0.00432	0.0233	0.0002	0.000263	0.000139	0.107	0.0000234	0.000163	0.000472	0.00146	0.00000334
2041 Jan	438	0.137	0.53	0.00854	147	0.0461	88	0.000978	0.000978	0.00000499	0.005	0.00104	0.0421	0.0147	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000733	1.49	10.6	0.0378	0.000691	93	0.00432	0.0233	0.0002	0.000263	0.000139	0.107	0.0000234	0.000163	0.000472	0.00146	0.00000334
2041 Feb	438	0.137	0.53	0.00854	147	0.0461	88	0.000978	0.000978	0.00000499	0.005	0.00104	0.0421	0.0147	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000733	1.49	10.6	0.0378	0.000691	93	0.00432	0.0233	0.0002	0.000263	0.000139	0.107	0.0000234	0.000163	0.000472	0.00146	0.00000334
2041 Mar	438	0.137	0.53	0.00854	147	0.0461	88	0.000978	0.000978	0.00000499	0.005	0.00104	0.0421	0.0147	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000733	1.49	10.6	0.0378	0.000691	93	0.00432	0.0233	0.0002	0.000263	0.000139	0.107	0.0000234	0.000163	0.000472	0.00146	0.00000334
2041 Apr	438	0.137	0.531	0.00855	147	0.0461	88	0.000979	0.000979	0.00000499	0.005	0.00104	0.0421	0.0147	0.00000527	28.4	0.0000187	0.000332	0.000229	0.00131	0.0382	0.0000734	1.49	10.6	0.0378	0.000692	93	0.00432	0.0233	0.0002	0.000263	0.000139	0.107	0.0000234	0.000163	0.000473	0.00146	0.00000334
2041 May	440	0.138	0.533	0.00858	148	0.0463	88.5	0.000979	0.000979	0.000005	0.00501	0.00105	0.0423	0.0147	0.00000528	28.6	0.0000188	0.000334	0.00023	0.00132	0.0383	0.0000736	1.49	10.7	0.0379	0.000695	93.4	0.00434	0.0233	0.0002	0.000264	0.00014	0.108	0.0000234	0.000164	0.000474	0.00146	0.00000334
2041 Jun	430	0.134	0.519	0.00836	144	0.0457	87.9	0.000976	0.000976	0.00000497	0.0052	0.00105	0.0425	0.0144	0.00000525	28.4	0.0000195	0.000336	0.000224	0.00129	0.0384	0.0000771	1.47	10.6	0.0372	0.000689	91.2	0.00433	0.0247	0.000193	0.000272	0.000138	0.106	0.0000231	0.000164	0.000484	0.00152	0.00000309
2041 Jul	419	0.129	0.5	0.00809	139	0.0448	85.7	0.000971	0.000971	0.00000495	0.00529	0.00105	0.0417	0.0142	0.00000522	27.8	0.0000197	0.000332	0.000218	0.00127	0.0384	0.0000785	1.44	10.4	0.0364	0.000672	88.1	0.00424	0.0255	0.000188	0.000273	0.000135	0.104	0.0000228	0.000162	0.000485	0.00154	0.00000293
2041 Aug	423	0.13	0.505	0.00817	141	0.0452	86.9	0.000975	0.000975	0.00000497	0.00532	0.00105	0.0422	0.0143	0.00000524	28.1	0.0000199	0.000336	0.00022	0.00128	0.0386	0.0000793	1.45	10.5	0.0367	0.000681	89	0.0043	0.0257	0.000189	0.000276	0.000137	0.105	0.0000223	0.000164	0.000488	0.00155	0.00000293
2041 Sep	429	0.132	0.511	0.00825	143	0.0457	88.5	0.000976	0.000976	0.00000498	0.00534	0.00106	0.0429	0.0143	0.00000525	28.4	0.0000201	0.000339	0.000221	0.00129	0.0387	0.0000808	1.46	10.7	0.0369	0.000692	90.1	0.00436	0.0257	0.000188	0.00028	0.000138	0.106	0.0000223	0.000166	0.000491	0.00156	0.00000293
2041 Oct	432	0.133	0.514	0.00829	143	0.046	89.4	0.000975	0.000975	0.00000497	0.00536	0.00106	0.0433	0.0143	0.00000525	28.6	0.0000202	0.000341	0.000221	0.00129	0.0387	0.0000804	1.46	10.8	0.037	0.000699	90.6	0.0044	0.0258	0.000188	0.000281	0.000139	0.106	0.0000223	0.000167	0.000491	0.00156	0.00000292
2041 Nov	432	0.133	0.515	0.00829	144	0.046	89.5	0.000975	0.000975	0.00000497	0.00536	0.00106	0.0434	0.0143	0.00000525	28.6	0.0000202	0.000342	0.000221	0.00129	0.0387	0.0000805	1.47	10.8	0.037	0.0007	90.7	0.00441	0.0258	0.000188	0.000281	0.000139	0.106	0.0000223	0.000168	0.000492	0.00156	0.00000292
2041 Dec	432	0.133	0.515	0.00829	144	0.046	89.5	0.000976	0.000976	0.00000497	0.00536	0.00106	0.0434	0.0143	0.00000525	28.6	0.0000202	0.000342	0.000221	0.00129	0.0387	0.0000805	1.47	10.8	0.037	0.0007	90.7	0.00441	0.0258	0.000188	0.000281	0.000139	0.106	0.0000223	0.000168	0.000492	0.00156	0.00000292
2042 Jan	432	0.133	0.515	0.00829	144	0.046	89.5	0.000976	0.000976	0.00000497	0.00537	0.00106	0.0434	0.0143	0.00000525	28.6	0.0000202	0.000342	0.000221	0.00129	0.0387	0.0000805	1.47	10.8	0.037	0.0007	90.7	0.00441	0.0258	0.000188	0.000281	0.000139	0.106	0.0000223	0.000168	0.000492	0.00156	0.00000292
2042 Feb	432	0.133	0.515	0.00829	144	0.046	89.5	0.000976	0.000976	0.00000497	0.00537	0.00106	0.0434	0.0143	0.00000525	28.6	0.0000202	0.000342	0.000221	0.00129	0.0387	0.0000805	1.47	10.8	0.0371	0.0007	90.7	0.00441	0.0258	0.000188	0.000281	0.000139	0.106	0.0000223	0.000168	0.000492	0.00156	0.00000292
2042 Mar	432	0.133	0.515	0.00829	144	0.046	89.5	0.000976	0.000976	0.00000497	0.00537	0.00106	0.0434	0.0143	0.00000525	28.6	0.0000202	0.000342	0.000221	0.00129	0.0387	0.0000805	1.47	10.8	0.0371	0.000701	90.7	0.00441	0.0259	0.000188	0.000281	0.000139	0.106	0.0000223	0.000168	0.000492	0.00156	0.00000292
2042 Apr	432	0.133	0.515	0.0083	144	0.046	89.6	0.000976	0.000976	0.00000498	0.00537	0.00107	0.0434	0.0143	0.00000526	28.7	0.0000202	0.000342	0.000221	0.00129	0.0387	0.0000805	1.47	10.8	0.0371	0.000701	90.8	0.00441	0.0259	0.000188	0.000282	0.000139	0.106	0.0000223	0.000168	0.000492	0.00156	0.00000292
2042 May	434	0.133	0.516	0.00832	144	0.0462	89.9	0.000978	0.000978	0.00000499	0.00538	0.00107	0.0436	0.0144	0.00000527	28.7	0.0000202	0.000343	0.000222	0.0013	0.0388	0.0000807	1.47	10.8	0.0372	0.000703	91	0.00442	0.0259	0.000189	0.000282	0.00014	0.107	0.0000223	0.000168	0.000493	0.00157	0.00000292
2042 Jun	422	0.129	0.499	0.00807	139	0.0454	88	0.000976	0.000976	0.00000497	0.00549	0.00106	0.043	0.0142	0.00000524	28.3	0.0000206	0.000341	0.000217	0.00127	0.0389	0.0000825	1.45	10.6	0.0365	0.000689	88.2	0.00435	0.0268	0.000184	0.000285	0.000137	0.105	0.0000228	0.000166	0.000497	0.0016	0.00000276
2042 Jul	416	0.126	0.489	0.00792	137	0.0451	87.1	0.000974	0.000974	0.00000496	0.00555	0.00107	0.0427	0.0141	0.00000523	28	0.0000207	0.000339	0.000214	0.00126	0.039	0.0000838	1.44	10.5	0.036	0.000682	86.4	0.00432	0.0274	0.00018	0.000286	0.000136	0.104	0.0000227	0.000165	0.000498	0.00161	0.00000265
2042 Aug	418	0.126	0.489	0.00791	137	0.0458	88.6	0.000972	0.000972	0.00000495	0.00557	0.00108	0.0435	0.0141	0.00000522	28.4	0.0000207	0.000343	0.000213	0.00127	0.0389	0.0000853	1.44	10.7	0.0359	0.000698	86.5	0.00438	0.0278	0.000177	0.000287	0.000137	0.105	0.0000226	0.000168	0.000492	0.00161	0.00000258
2042 Sep	421	0.127	0.491	0.00794	138	0.0464	90	0.00097	0.00097	0.00000495	0.00558	0.00108	0.0442	0.0141	0.00000522	28.7	0.0000207	0.000346	0.000213	0.00128	0.0389	0.0000862	1.44	10.9	0.036	0.00071	87	0.00444	0.0279	0.000174	0.000289	0.000138	0.105	0.0000226	0.00017	0.000491	0.00161	0.00000254
2042 Oct	423	0.128	0.492	0.00795	138	0.0466	90.7	0.000969	0.000969	0.00000494	0.0056	0.00109	0.0445	0.0141	0.00000521	28.8	0.0000208	0.000347	0.000213	0.00128	0.0389	0.0000866	1.45	10.9	0.036	0.000717	87.2	0.00447	028	0.000173	0.000289	0.000139	0.106	0.0000225	0.000171	0.00049	0.00161	0.00000252
2042 Nov	423	0.128	0.492	0.00795	138	0.0467	90.7	0.000969	0.000969	0.00000494	0.00561	0.00109	0.0445	0.0141	0.00000522	28.9	0.0000208	0.000348	0.000213	0.00128	0.0389	0.0000867	1.45	10.9	0.036	0.000718	87.2	0.00447	0.0281	0.000173	0.000289	0.000139	0.106	0.0000225	0.000171	0.00049	0.00161	0.00000252
2042 Dec	423	0.128	0.492	0.00795	138	0.0467	90.7	0.000969	0.000969	0.00000494	0.00561	0.00109	0.0445	0.0141	0.00000522	28.9	0.0000208	0.000348	0.000213	0.00128	0.0389	0.0000867	1.45	10.9	0.036	0.000718	87.2	0.00447	0.0281	0.000173	0.000289	0.000139	0.106	0.0000225	0.000171	0.00049	0.00161	0.00000252
2043 Jan	423	0.128	0.492	0.00795	138	0.0467	90.7	0.000969	0.000969	0.00000494	0.00561	0.00109	0.0445	0.0141	0.00000522	28.9	0.0000208	0.000348	0.000213	0.00128	0.0389	0.0000867	1.45	10.9	0.036	0.000718	87.2	0.00447	0.0281	0.000173	0.000289	0.000139	0.106	0.0000225	0.000171	0.00049	0.00161	0.00000252
2043 Feb	423	0.128	0.492	0.00795	138	0.0467	90.7	0.000969	0.000969	0.00000494	0.00561	0.00109	0.0445	0.0141	0.00000522	28.9	0.0000208	0.000348	0.000213	0.00128	0.0389	0.0000867	1.45	10.9	0.036	0.000718	87.2	0.00447	0.0281	0.000173	0.000289	0.000139	0.106	0.0000225	0.000171	0.000491	0.00161	0.00000252
2043 Mar	423	0.128	0.492	0.00795	138	0.0467	90.7	0.000969	0.000969	0.00000494	0.00561	0.00109	0.0445	0.0141	0.00000522	28.9	0.0000208	0.000348	0.000213	0.00128	0.0389	0.0000867	1.45	10.9	0.036	0.000718	87.2	0.00447	0.0281	0.000173	0.000289	0.000139	0.106	0.0000225	0.000171	0.000491	0.00161	0.00000252
2043 Apr	423	0.128	0.492	0.00795	138	0.0467	90.8	0.00097	0.00097	0.00000495	0.00561	0.00109	0.0446	0.0141	0.00000522	28.9	0.0000208	0.000348	0.000213	0.00128	0.039	0.0000868	1.45	10.9	0.0361	0.000718	87.2	0.00447	0.0281	0.000173	0.00029	0.000139	0.106	0.0000226	0.000171	0.000491	0.00161	0.00000252
2043 May	423	0.128	0.492	0.00795	138	0.0468	90.8	0.000972	0.000972	0.00000496	0.00563	0.00109	0.0446	0.0142	0.00000523	29	0.0000208	0.000349	0.000215	0.00129	0.0393	0.0000887	1.45	11	0.0363	0.000719	87.2	0.00448	0.0283	0.000176	0.00029	0.000139	0.106	0.0000226	0.000172	0.000494	0.00162	0.00000252
2043 Jun	405	0.124	0.465	0.00754	131	0.0453	86.9	0.00097	0.00097	0.00000494	0.00572	0.00113	0.043	0.0154	0.0000052	29.1	0.0000211	0.000354	0.000233	0.00128	0.0428	0.0000885	1.48	10.7	0.0396	0.000694	82.5	0.00436	0.0299	0.00021	0.00029	0.000139	0.109	0.0000224	0.000167	0.000534	0.00164	0.00000233
2043 Jul	409	0.125	0.468	0.00759	132	0.0458	88.2	0.000974	0.000974	0.00000496	0.00576	0.00114	0.0436	0.0155	0.00000523	29.5	0.0000213	0.000358	0.000235	0.00129	0.043	0.0000895	1.49	10.8	0.0399	0.000703	83.2	0.00441	0.0302	0.000211	0.000294	0.00014	0.11	0.0000225	0.00017	0.000538	0.00165	0.00000232
2043 Aug	413	0.126	0.472	0.00766	133	0.0463	89.6	0.000979	0.000979	0.00000499	0.00579	0.00115	0.0442	0.0155	0.00000525	29.8	0.0000214	0.000361	0.000236	0.0013	0.0432	0.0000904	1.5	11	0.0401	0.000713	84	0.00448	0.0304	0.000211	0.000297	0.000142	0.111	0.0000226	0.000172	0.00054	0.00166	0.00000231
2043 Sep	419	0.127	0.478	0.00773	135	0.0469	91.6	0.000979	0.000979	0.00000499	0.00581	0.00115	0.0451	0.0155	0.00000526	30.2	0.0000216	0.000366	0.000237	0.00131	0.0432	0.0000912	1.51	11.2	0.0404	0.000727	84.9	0.00456	0.0304	0.00021	0.0003	0.000144	0.112	0.0000226	0.000175	0.000542	0.00167	0.0000023
2043 Oct	419	0.127	0.476	0.00771	134	0.0471	91.9	0.000978	0.000978	0.00000498	0.00584	0.00115	0.0453	0.0155	0.00000526	30.3	0.0000216	0.000366	0.000236	0.00131	0.0432	0.0000915	1.51	11.2	0.0403	0.000733	84.7	0.00457	0.0306	0.000208	0.0003	0.000144	0.112	0.0000225	0.000176	0.00054	0.00166	0.00000227
2043 Nov	415	0.127	0.471	0.00764	133	0.0471	91.2	0.000977	0.000977	0.00000498	0.00586	0.00115	0.0451	0.0155	0.00000525	30.2	0.0000215	0.000365	0.000235	0.00131	0.0431	0.0000915	1.5	11.2	0.0399	0.000733	83.9	0.00454	0.0308	0.000205	0.000297	0.000143	0.112	0.0000225	0.000175	0.000536	0.00166	0.00000224
2043 Dec	415	0.127	0.471	0.00764	133	0.0471	91.2	0.000977	0.000977	0.00000498	0.00586	0.00115	0.045	0.0155	0.00000525	30.1	0.0000215	0.000364	0.000235	0.00131	0.0431	0.0000915	1.5	11.1	0.0399	0.000733	83.8	0.00454	0.0308	0.000205	0.000297	0.000143	0.112	0.0000225	0.000175	0.000536	0.00166	0.00000224
2044 Jan	415	0.127	0.471	0.00764	133	0.0471	91.1	0.000977	0.000977	0.00000498	0.00586	0.00115	0.045	0.0155	0.00000525	30.1	0.0000215	0.000365	0.000235	0.00131	0.0431	0.0000915	1.5	11.1	0.0399	0.000733	83.8	0.00454	0.0308	0.000205	0.000297	0.000143	0.112	0.0000225	0.000175	0.000536	0.00166	0.00000224
2044 Feb	415	0.127	0.471	0.00764	133	0.0471	91.1	0.000978	0.000978	0.00000498	0.00586	0.00115	0.045	0.0155	0.00000525	30.1	0.0000215	0.000365	0.000235	0.00131	0.0432	0.0000915	1.5	11.1	0.0399	0.000733	83.8	0.00454	0.0308	0.000205	0.000297	0.000143	0.112	0.0000225	0.000175	0.000536	0.00166	0.00000224
2044 Mar	415	0.127	0.471	0.00764	133	0.0471	91.1	0.000978	0.000978	0.00000498	0.00586	0.00115	0.045	0.0155	0.00000525	30.2	0.0000215	0.000365	0.000235	0.00131	0.0432	0.0000915	1.5	11.1	0.04	0.000733	83.8	0.00454	0.0308	0.000205	0.000297	0.000143	0.112	0.0000225	0.000175	0.000536	0.00166	0.00000224
2044 Apr	415	0.127	0.471	0.00764	133	0.0472	91.2	0.000978	0.000978	0.00000498	0.00586	0.00115	0.045	0.0156	0.00000526	30.2	0.0000215	0.000365	0.000236	0.00131	0.0432	0.0000916	1.5	11.2	0.04	0.000733	83.8	0.00454	0.0308	0.000206	0.000297	0.000143	0.112	0.0000225	0.000175	0.000537	0.00166	0.00000224
2044 May	416	0.128	0.472	0.00765	133	0.0472	91.3	0.00098	0.00098	0.00000499	0.00587	0.00116	0.0451	0.0156	0.00000526	30.2	0.0000216	0.000365	0.000236	0.00131	0.0433	0.0000917	1.51	11.2	0.0401	0.000734	84	0.00455	0.0309	0.000206	0.000298	0.000143	0.112	0.0000225	0.000175	0.000538	0.00166	0.00000225
2044 Jun	392	0.119	0.44	0.00721	125	0.0458	87.2	0.000974	0.000974	0.00000496	0.00592	0.00113	0.0436	0.0151	0.00000521	29.1	0.0000216	0.000355	0.000227	0.00127	0.0425	0.0000918	1.46	10.7	0.0384	0.000704	78.4	0.0044	0.0312	0.000196	0.000295	0.000138	0.108	0.0000222	0

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2047 Jun	346	0.101	0.349	0.00593	101	0.045	86.7	0.000973	0.000973	0.00000495	0.00637	0.00119	0.0443	0.0164	0.00000519	30.1	0.0000234	0.000376	0.000246	0.00128	0.0472	0.00001	1.5	10.8	0.0424	0.000706	62.7	0.00448	0.0352	0.000228	0.000316	0.000141	0.113	0.00000215	0.000173	0.000601	0.0018	0.00000123
2047 Jul	352	0.102	0.354	0.006	102	0.0457	88.9	0.000978	0.000978	0.00000498	0.00642	0.0012	0.0454	0.0165	0.00000522	30.7	0.0000237	0.000382	0.000249	0.00129	0.0475	0.0000101	1.51	11.1	0.043	0.000721	63.6	0.00458	0.0354	0.00023	0.000322	0.000144	0.115	0.00000217	0.000177	0.000608	0.00181	0.00000123
2047 Aug	355	0.103	0.357	0.00605	103	0.0462	90.1	0.000982	0.000982	0.0000005	0.00645	0.00121	0.0459	0.0166	0.00000525	31	0.0000239	0.000385	0.000251	0.0013	0.0477	0.0000102	1.52	11.2	0.0433	0.00073	64.1	0.00463	0.0356	0.000231	0.000325	0.000145	0.116	0.00000218	0.000179	0.000612	0.00182	0.00000123
2047 Sep	360	0.104	0.359	0.00608	104	0.0467	91.9	0.000981	0.000981	0.0000005	0.00647	0.00122	0.0468	0.0166	0.00000525	31.4	0.000024	0.000389	0.000252	0.00131	0.0477	0.0000103	1.53	11.4	0.0435	0.000744	64.6	0.00471	0.0356	0.00023	0.000328	0.000147	0.117	0.00000218	0.000182	0.000613	0.00182	0.00000122
2047 Oct	362	0.105	0.361	0.00609	104	0.0471	93.3	0.000979	0.000979	0.00000499	0.00648	0.00122	0.0474	0.0165	0.00000524	31.6	0.0000241	0.000392	0.000252	0.00132	0.0476	0.0000103	1.54	11.6	0.0436	0.000755	64.8	0.00477	0.0357	0.000228	0.00033	0.000148	0.117	0.00000217	0.000184	0.000612	0.00182	0.00000121
2047 Nov	362	0.105	0.36	0.00608	104	0.0472	93.3	0.000979	0.000979	0.00000499	0.00649	0.00122	0.0474	0.0165	0.00000524	31.6	0.0000241	0.000392	0.000251	0.00132	0.0476	0.0000103	1.54	11.6	0.0435	0.000756	64.6	0.00476	0.0357	0.000227	0.000329	0.000148	0.117	0.00000217	0.000184	0.000611	0.00182	0.00000121
2047 Dec	362	0.105	0.36	0.00608	104	0.0472	93.3	0.000979	0.000979	0.00000499	0.00649	0.00122	0.0474	0.0165	0.00000524	31.6	0.0000241	0.000392	0.000251	0.00132	0.0476	0.0000103	1.54	11.6	0.0435	0.000757	64.6	0.00476	0.0358	0.000227	0.000329	0.000148	0.117	0.00000217	0.000184	0.000611	0.00182	0.00000121
2048 Jan	362	0.105	0.36	0.00608	104	0.0472	93.3	0.000979	0.000979	0.00000499	0.00649	0.00122	0.0474	0.0166	0.00000524	31.7	0.0000241	0.000392	0.000251	0.00132	0.0476	0.0000103	1.54	11.6	0.0435	0.000757	64.6	0.00476	0.0358	0.000227	0.000329	0.000148	0.117	0.00000217	0.000184	0.000611	0.00182	0.00000121
2048 Feb	362	0.105	0.36	0.00608	104	0.0472	93.3	0.000979	0.000979	0.00000499	0.00649	0.00122	0.0474	0.0166	0.00000524	31.7	0.0000241	0.000392	0.000252	0.00132	0.0476	0.0000103	1.54	11.6	0.0435	0.000757	64.6	0.00476	0.0358	0.000227	0.000329	0.000148	0.117	0.00000217	0.000184	0.000611	0.00182	0.00000121
2048 Mar	362	0.105	0.359	0.00608	104	0.0472	93.3	0.000979	0.000979	0.00000499	0.00649	0.00122	0.0474	0.0166	0.00000524	31.7	0.0000241	0.000392	0.000252	0.00132	0.0476	0.0000103	1.54	11.6	0.0435	0.000757	64.6	0.00476	0.0358	0.000227	0.000329	0.000148	0.117	0.00000217	0.000184	0.000611	0.00182	0.00000121
2048 Apr	362	0.105	0.36	0.00608	104	0.0472	93.3	0.000979	0.000979	0.00000499	0.0065	0.00122	0.0474	0.0166	0.00000525	31.7	0.0000241	0.000392	0.000252	0.00132	0.0477	0.0000103	1.54	11.6	0.0436	0.000757	64.6	0.00476	0.0358	0.000227	0.000329	0.000148	0.117	0.00000217	0.000184	0.000612	0.00182	0.00000121
2048 May	362	0.105	0.36	0.00609	104	0.0473	93.5	0.000981	0.000981	0.0000005	0.00651	0.00123	0.0475	0.0166	0.00000525	31.7	0.0000242	0.000393	0.000252	0.00132	0.0477	0.0000104	1.54	11.6	0.0436	0.000758	64.8	0.00477	0.0358	0.000228	0.00033	0.000148	0.117	0.00000218	0.000184	0.000613	0.00182	0.00000121
2048 Jun	340	0.0972	0.333	0.0057	96.4	0.0456	88.4	0.000976	0.000976	0.00000497	0.00653	0.00119	0.0454	0.016	0.00000521	30.2	0.000024	0.000379	0.000239	0.00128	0.0466	0.0000103	1.49	11	0.0413	0.00072	59.9	0.00456	0.0359	0.000214	0.000324	0.000142	0.112	0.00000215	0.000177	0.0006	0.00183	0.00000109
2048 Jul	323	0.0915	0.312	0.00542	90.6	0.0443	84.2	0.000975	0.000975	0.00000496	0.00653	0.00116	0.0436	0.0156	0.00000519	29	0.0000238	0.000367	0.00023	0.00124	0.0457	0.0000102	1.45	10.5	0.0395	0.000689	56.2	0.00439	0.0359	0.000204	0.000319	0.000136	0.108	0.00000214	0.00017	0.000588	0.00184	0.000001
2048 Aug	326	0.0919	0.314	0.00544	90.9	0.0448	85.4	0.000977	0.000977	0.00000497	0.00655	0.00117	0.0442	0.0156	0.0000052	29.3	0.0000239	0.00037	0.00023	0.00125	0.0457	0.0000103	1.46	10.6	0.0397	0.000699	56.3	0.00444	0.0361	0.000203	0.00032	0.000138	0.109	0.00000214	0.000172	0.000588	0.00184	0.000000995
2048 Sep	330	0.0925	0.315	0.00546	91.4	0.0453	87.2	0.000976	0.000976	0.00000497	0.00656	0.00118	0.045	0.0156	0.0000052	29.7	0.000024	0.000374	0.000231	0.00126	0.0457	0.0000103	1.47	10.8	0.0399	0.000712	56.7	0.00451	0.0361	0.000202	0.000323	0.000139	0.11	0.00000214	0.000175	0.000589	0.00184	0.000000988
2048 Oct	331	0.0929	0.316	0.00547	91.5	0.0456	88.1	0.000975	0.000975	0.00000496	0.00656	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000375	0.000231	0.00126	0.0456	0.0000103	1.47	10.9	0.0399	0.000719	56.7	0.00455	0.0361	0.000201	0.000324	0.00014	0.11	0.00000214	0.000176	0.000588	0.00184	0.000000981
2048 Nov	331	0.093	0.315	0.00546	91.5	0.0457	88.1	0.000975	0.000975	0.00000496	0.00657	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000375	0.000231	0.00126	0.0456	0.0000104	1.47	10.9	0.0398	0.000721	56.7	0.00455	0.0361	0.0002	0.000324	0.00014	0.11	0.00000214	0.000177	0.000587	0.00184	0.000000978
2048 Dec	331	0.093	0.315	0.00546	91.4	0.0457	88.1	0.000975	0.000975	0.00000496	0.00657	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000375	0.000231	0.00126	0.0456	0.0000104	1.47	10.9	0.0398	0.000721	56.7	0.00455	0.0361	0.0002	0.000324	0.00014	0.11	0.00000214	0.000177	0.000587	0.00184	0.000000978
2049 Jan	331	0.093	0.315	0.00546	91.4	0.0457	88.1	0.000975	0.000975	0.00000496	0.00657	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000375	0.000231	0.00126	0.0456	0.0000104	1.47	10.9	0.0398	0.000721	56.7	0.00455	0.0361	0.0002	0.000324	0.00014	0.11	0.00000214	0.000177	0.000587	0.00184	0.000000978
2049 Feb	331	0.093	0.315	0.00546	91.4	0.0457	88.1	0.000975	0.000975	0.00000496	0.00657	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000375	0.000231	0.00126	0.0456	0.0000104	1.47	10.9	0.0399	0.000721	56.7	0.00455	0.0361	0.0002	0.000324	0.00014	0.11	0.00000214	0.000177	0.000587	0.00184	0.000000978
2049 Mar	331	0.093	0.315	0.00546	91.4	0.0457	88.1	0.000975	0.000975	0.00000496	0.00657	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000375	0.000231	0.00126	0.0456	0.0000104	1.47	10.9	0.0399	0.000721	56.7	0.00455	0.0361	0.000201	0.000324	0.00014	0.11	0.00000214	0.000177	0.000588	0.00184	0.000000978
2049 Apr	331	0.093	0.315	0.00547	91.5	0.0457	88.1	0.000975	0.000975	0.00000496	0.00657	0.00118	0.0454	0.0156	0.0000052	29.9	0.000024	0.000376	0.000231	0.00126	0.0456	0.0000104	1.47	10.9	0.0399	0.000721	56.7	0.00455	0.0361	0.000201	0.000324	0.00014	0.111	0.00000214	0.000177	0.000588	0.00184	0.000000978
2049 May	332	0.0932	0.316	0.00547	91.6	0.0458	88.3	0.000977	0.000977	0.00000497	0.00658	0.00118	0.0455	0.0156	0.0000052	30	0.0000241	0.000376	0.000232	0.00127	0.0457	0.0000104	1.47	10.9	0.04	0.000722	56.8	0.00456	0.0362	0.000201	0.000325	0.00014	0.111	0.00000214	0.000177	0.000589	0.00184	0.00000098
2049 Jun	310	0.0859	0.29	0.00511	84.4	0.0441	83.2	0.000972	0.000972	0.00000494	0.00659	0.00115	0.0434	0.0151	0.00000517	28.5	0.0000239	0.000363	0.00022	0.00122	0.0446	0.0000103	1.42	10.3	0.0378	0.000684	52.1	0.00435	0.0362	0.000189	0.000319	0.000134	0.106	0.00000212	0.000169	0.000577	0.00185	0.00000872
2049 Jul	302	0.083	0.28	0.00498	81.5	0.0435	81.5	0.000972	0.000972	0.00000494	0.00658	0.00113	0.0427	0.0148	0.00000516	27.9	0.0000238	0.000357	0.000215	0.0012	0.0441	0.0000102	1.41	10.1	0.037	0.00067	50.3	0.00428	0.0361	0.000184	0.000316	0.000132	0.104	0.00000211	0.000166	0.00057	0.00185	0.00000827
2049 Aug	305	0.0836	0.282	0.00501	82.1	0.0439	82.5	0.000977	0.000977	0.00000497	0.00662	0.00114	0.0432	0.0149	0.00000519	28.2	0.000024	0.000376	0.000217	0.00121	0.0444	0.0000103	1.42	10.2	0.0373	0.000678	50.7	0.00433	0.0363	0.000185	0.000319	0.000133	0.105	0.00000213	0.000168	0.000574	0.00186	0.00000831
2049 Sep	309	0.0843	0.283	0.00503	82.5	0.0444	84.2	0.000976	0.000976	0.00000496	0.00664	0.00115	0.0439	0.0149	0.00000519	28.6	0.0000241	0.000364	0.000217	0.00122	0.0444	0.0000104	1.42	10.4	0.0374	0.000691	50.9	0.0044	0.0364	0.000184	0.000322	0.000135	0.106	0.00000213	0.000171	0.000575	0.00186	0.00000825
2049 Oct	311	0.0848	0.284	0.00503	82.6	0.0448	85.2	0.000974	0.000974	0.00000496	0.00665	0.00115	0.0444	0.0149	0.00000519	28.8	0.0000242	0.000365	0.000218	0.00123	0.0443	0.0000104	1.43	10.5	0.0375	0.0007	51	0.00444	0.0364	0.000183	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000818
2049 Nov	311	0.0851	0.283	0.00503	82.6	0.0449	85.4	0.000974	0.000974	0.00000496	0.00666	0.00115	0.0445	0.0149	0.00000519	28.9	0.0000242	0.000366	0.000218	0.00123	0.0443	0.0000104	1.43	10.6	0.0375	0.000703	50.9	0.00444	0.0365	0.000182	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000815
2049 Dec	311	0.0851	0.283	0.00503	82.5	0.0449	85.5	0.000974	0.000974	0.00000496	0.00666	0.00115	0.0445	0.0149	0.00000519	28.9	0.0000242	0.000366	0.000218	0.00123	0.0443	0.0000104	1.43	10.6	0.0375	0.000703	50.9	0.00444	0.0365	0.000182	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000814
2050 Jan	311	0.0851	0.283	0.00503	82.5	0.0449	85.4	0.000974	0.000974	0.00000496	0.00666	0.00115	0.0445	0.0149	0.00000519	28.9	0.0000242	0.000366	0.000218	0.00123	0.0443	0.0000104	1.43	10.6	0.0375	0.000703	50.9	0.00444	0.0365	0.000182	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000814
2050 Feb	311	0.0851	0.283	0.00503	82.5	0.0449	85.4	0.000974	0.000974	0.00000496	0.00666	0.00115	0.0445	0.0149	0.00000519	28.9	0.0000242	0.000366	0.000218	0.00123	0.0444	0.0000104	1.43	10.6	0.0375	0.000703	50.9	0.00444	0.0365	0.000182	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000814
2050 Mar	311	0.0851	0.283	0.00503	82.5	0.0449	85.4	0.000974	0.000974	0.00000496	0.00666	0.00115	0.0445	0.0149	0.00000519	28.9	0.0000242	0.000366	0.000218	0.00123	0.0444	0.0000104	1.43	10.6	0.0375	0.000703	50.9	0.00444	0.0365	0.000182	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000814
2050 Apr	311	0.0852	0.283	0.00503	82.5	0.0449	85.5	0.000975	0.000975	0.00000496	0.00666	0.00116	0.0445	0.0149	0.00000519	28.9	0.0000242	0.000366	0.000218	0.00123	0.0444	0.0000104	1.43	10.6	0.0375	0.000704	50.9	0.00445	0.0366	0.000182	0.000323	0.000136	0.106	0.00000212	0.000173	0.000574	0.00186	0.00000814
2050 May	311	0.0853	0.284	0.00504	82.7	0.045	85.6	0.000976	0.000976	0.00000497	0.00667	0.00116	0.0446	0.015	0.0000052	28.9	0.0000242	0.000367	0.000218	0.00124	0.0445	0.0000104	1.43	10.6	0.0376	0.000705	51	0.00445	0.0366	0.000183	0.000323	0.000136	0.107	0.00000213	0.000173	0.000575	0.00186	0.00000815
2050 Jun	304	0.0815	0.27	0.00484	78.9	0.0443	83.8	0.000973	0.000973	0.00000497	0.00668	0.00114	0.0439	0.0147	0.00000517	28.4	0.0000242	0.000362	0.000213	0.00122	0.044	0.0000104	1.41	10.4	0.0368	0.00069	48.6	0.00438	0.0366	0.000178	0.000321	0.000134	0.105	0.00000211	0.000171	0.000572	0.00187	0.00000754
2050 Jul	294	0.0787	0.261	0.00472	76.2	0.0437	82	0.000971	0.000971	0.00000493	0.00665	0.00113	0.043	0.0145	0.00000516	27.8	0.000024	0.000356	0.000209	0.0012	0.0435	0.0000103	1.39	10.1	0.0359	0.000676	46.9	0.0043	0.0364	0.000173	0.000319	0.000131	0.103	0.0000021	0.000168	0.000565	0.00186	0.00000717
2050 Aug	296	0.079	0.262	0.00474	76.6	0.044	82.8	0.000974	0.000974	0.00000495	0.00668	0.00114	0.0434	0.0145	0.00000518	28	0.0000241	0.000358	0.00021	0.00121	0.0437	0.0000104	1.4	10.2	0.0361	0.000682	47.1	0.00434	0.0366	0.000174	0.000321	0.000132	0.104	0.00000211	0.000169	0.000566	0.00187	0.00000717
2050 Sep	299	0.0794	0.263	0.00475	76.8	0.0444	84	0.000974	0.000974	0.00000495	0.00669	0.00114	0.0439	0.0146	0.00000518	28.3	0.0000242	0.00036	0.000211	0.00121	0.0437	0.0000104	1.41	10.4	0.0363	0.000691	47.2	0.00439	0.0366	0.000173	0.000323	0.000133	0.104	0.00000211	0.000171	0.000567	0.00187	0.00000714
2050 Oct	300	0.0797	0.264	0.00476	77	0.0446	84.6	0.000975	0.000975	0.00000496	0.0067	0.00114	0.0442	0.0146	0.00000518	28.4	0.0000243	0.000362	0.000211	0.00122	0.0437	0.0000105	1.41	10.4	0.0364	0.000695	47.4	0.00441	0.0367	0.000173	0.000324	0.000134	0.104	0.00000212	0.000172	0.000568	0.00188	0.00000714
2050 Nov	300	0.0798	0.264	0.00477	77.1	0.0446	84.8	0.000975	0.000975	0.00000496	0.00671	0.00114	0.0443	0.0146	0.00000519	28.5	0.0000243	0.000362	0.000211	0.00122	0.0437	0.0000105	1.41	10.4	0.0364	0.000697	47.4	0.00442	0.0367	0.000173	0.000324	0.000134	0.105	0.00000212	0.000172	0.000569	0.00188	0.00000713
2051 Jan	300	0.0798	0.264	0.00477	77.1	0.0446	84.8	0.000975	0.000975	0.00000496	0.00671	0.00114	0.0443	0.0146	0.00000519	28.5	0.0000243	0.000363	0.000211	0.00122	0.0438	0.0000105	1.41	10.4	0.0364	0.000697	47.4	0.00442	0.0367	0.000173	0.000324	0.000134	0.105	0.00000212	0.000172	0.000569	0.00188	0.00000713
2051 Feb	300	0.0798	0.264	0.00477	77.1	0.0446	84.8	0.000975	0.000975	0.00000496	0.00671	0.00114	0.0443	0.0146	0.00000519	28.5	0.0000243	0.000363	0.000211	0.00122	0.0438	0.0000105	1.41	10.4	0.0364	0.000697	47.4	0.00442	0.0367	0.000173	0.000324	0.000134	0.105	0.00000212	0.000172	0.000569	0.00188	0.00000713
2051 Mar	300	0.0798	0.264	0.00477	77.1	0.0446	84.8	0.000975	0.000975	0.00000496	0.00671	0.00114	0.0443	0.0146	0.00000519	28.5	0.0000243	0.000363	0.000211	0.00122	0.0438	0.0000105	1.41	10.4	0.0364	0.000697	47.4	0.00442	0.0367	0.000173	0.000324	0.000134	0.105	0.00000212	0.000172	0.000569	0.00188	0.00000713
2051 Apr	300	0.0799	0.264	0.00477	77.1	0.0447	84.8	0.000976	0.000976	0.00000496	0.00671	0.00114	0.0443	0.0146	0.00000519	28.5	0.0000244	0.000363	0.000212	0.00122	0.0438	0.0000105	1.41	10.5	0.0365	0.000697	47.4	0.00443	0.0367	0.000173	0.000325	0.000134	0.105	0.00000212	0.000172	0.000569	0.00188	0.00000714
2051 May	301	0.0801	0.264	0.00477	77.3	0.0448	85.2	0.000977	0.000977	0.00000497	0.00672	0.00115	0.0445	0.0147	0.0000052	28.6	0.0000244	0.000365	0.000213	0.00123	0.0441	0.0000105	1.42	10.5	0.0368	0.0007	47.5	0.00444	0.0368	0.000176	0.000326	0.000135	0.105	0.00000212	0.000173	0.000573	0.00188	0.00000713
2051 Jun	285	0.0752	0.241	0.00443	71	0.0436	82.9	0.000969	0.000969	0.00000493	0.00669	0.00116	0.0435	0.0153	0.00000515	28.7	0.0000244	0.000367	0.000225	0.00122	0.0458	0.0000105	1.43	10.3	0.0388	0.000681	43.4	0.00437	0.0372	0.000198	0.000325	0.000135	0.107	0.00000209	0.00017	0.000596	0.00188	0.00000609
2051 Jul	287	0.0743	0.239	0.00441	70.5	0.0444	84.7	0.000969	0.000969	0.00000493	0.0067	0.00116	0.0444	0.0152	0.00000515	28.9	0.0000244	0.000369	0.000224	0.00123	0.0444	0.0000105	1.43	10.5	0.0388	0.000692	43	0.00445	0.0371	0.000195	0.00033	0.000136	0.107	0.00000209	0.000173	0.000596	0.00189	0.00000588
2051 Aug	289	0.0745	0.239	0.00441	70.5	0.0445	85.8	0.00097	0.00097	0.00000493	0.00671	0.00117	0.0449	0.0152	0.00000516	29.2	0.0000246	0.000371	0.000224	0.00123	0.0455	0.0000106	1.44	10.6	0.0389	0.000701	43	0.00449	0.0371	0.000194	0.00033	0.000137	0.108	0.0000021	0.000174	0.000595	0.00189	0.00000583
2051 Sep	290	0.0751	0.238	0.00439	70.2	0.0449	86.6	0.000968	0.000968	0.00000493	0.00672	0.00117	0.0452	0.0152	0.00000516	29.3	0.0000246	0.000373	0.000224	0.00124	0.0453	0.0000106	1.44	10.7	0.0388	0.000711	42.8	0.00452	0.0372	0.000191	0.00033	0.000138	0.108	0.00000209	0.000176	0.000591	0.00188	0.00000573
2051 Oct	286	0.0762	0.232	0.00431	68.6	0.0453	86.1	0.000964	0.000964	0.0000049	0.00673	0.00116	0.045	0.0151	0.00000513	29.2	0.0000243	0.000369	0.000221	0.00124	0.0449	0.0000106	1.43	10.7	0.0379	0.000719	41.7	0.0045	0.0373	0.000183	0.000323	0.000137	0.108	0.00000208	0.000176	0.000577	0.00185	0.00000546
2051 Nov	285	0.0763	0.231	0.0043	68.5	0.0454	86.1	0.000964	0.000964	0.0000049	0.00673	0.00116	0.045	0.0151	0.00000513	29.2	0.0000243	0.000369	0.00022	0.00124	0.0449	0.0000106	1.43	10.7	0.0379	0.00072	41.6	0.0045	0.0373	0.000183	0.000322	0.000136	0.108	0.00000208	0.000176	0.000576	0.00185	0.00000544
2051 Dec	285	0.0763	0.231	0.0043	68.5	0.0454	86.1	0.000964	0.000964	0.0000049	0.00674	0.00116	0.0451	0.0151	0.00000513	29.2	0.0000243	0.000369	0.00022	0.00124	0.0449	0.0000106	1.43	10.7	0.0379	0.00072	41.6	0.0045	0.0374	0.000183	0.000322	0.000136	0.108	0.00000208	0.000176	0.000576	0.00185	0.00000544
2052 Jan	285	0.0763	0.231	0.0043	68.5	0.0454	86.1	0.000964	0.000964	0.0000049	0.00674

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2054 Dec	297	0.074	0.205	0.00394	62.4	0.0488	99.9	0.000967	0.000967	0.00000493	0.00686	0.0013	0.0512	0.0178	0.00000519	34.1	0.0000258	0.000422	0.000275	0.00137	0.0518	0.0000113	1.6	12.5	0.0482	0.000813	37.2	0.00514	0.0392	0.000255	0.000356	0.000157	0.125	0.00000209	0.000199	0.000672	0.00191	0.000000379
2055 Jan	297	0.074	0.205	0.00394	62.4	0.0488	99.9	0.000967	0.000967	0.00000493	0.00686	0.0013	0.0512	0.0178	0.00000519	34.1	0.0000258	0.000422	0.000275	0.00137	0.0518	0.0000113	1.6	12.5	0.0482	0.000813	37.2	0.00514	0.0392	0.000255	0.000356	0.000157	0.126	0.00000209	0.000199	0.000672	0.00191	0.000000379
2055 Feb	297	0.074	0.205	0.00394	62.4	0.0488	99.9	0.000967	0.000967	0.00000493	0.00686	0.0013	0.0511	0.0178	0.00000519	34.1	0.0000258	0.000422	0.000275	0.00137	0.0518	0.0000113	1.6	12.5	0.0483	0.000813	37.2	0.00514	0.0392	0.000255	0.000356	0.000157	0.126	0.00000209	0.000199	0.000672	0.00191	0.000000378
2055 Mar	297	0.074	0.205	0.00394	62.4	0.0488	99.9	0.000967	0.000967	0.00000493	0.00686	0.0013	0.0511	0.0178	0.00000519	34.1	0.0000258	0.000422	0.000275	0.00137	0.0518	0.0000113	1.6	12.5	0.0483	0.000813	37.2	0.00514	0.0392	0.000255	0.000356	0.000157	0.126	0.00000209	0.000199	0.000673	0.00191	0.000000378
2055 Apr	297	0.074	0.205	0.00394	62.4	0.0488	99.9	0.000967	0.000967	0.00000493	0.00686	0.0013	0.0512	0.0178	0.00000519	34.1	0.0000258	0.000423	0.000275	0.00137	0.0519	0.0000113	1.6	12.5	0.0483	0.000813	37.2	0.00514	0.0392	0.000255	0.000356	0.000157	0.126	0.00000209	0.000199	0.000673	0.00191	0.000000379
2055 May	298	0.0741	0.206	0.00394	62.5	0.0489	100	0.000969	0.000969	0.00000494	0.00687	0.00131	0.0512	0.0178	0.0000052	34.1	0.0000259	0.000423	0.000275	0.00137	0.0519	0.0000113	1.6	12.5	0.0484	0.000815	37.3	0.00515	0.0393	0.000255	0.000357	0.000158	0.126	0.00000211	0.000199	0.000674	0.00191	0.000000379
2055 Jun	279	0.0681	0.189	0.0037	57.5	0.0471	94.8	0.000965	0.000965	0.00000492	0.00686	0.00126	0.0491	0.017	0.00000516	32.5	0.0000256	0.000407	0.000259	0.00132	0.0501	0.0000111	1.54	11.9	0.0454	0.000773	34.2	0.00492	0.039	0.000237	0.00035	0.00015	0.12	0.00000208	0.00019	0.000654	0.00191	0.000000335
2055 Jul	273	0.0661	0.183	0.00363	55.8	0.0465	92.6	0.000966	0.000966	0.00000492	0.00685	0.00124	0.0481	0.0167	0.00000516	31.8	0.0000255	0.0004	0.000253	0.0013	0.0495	0.0000111	1.52	11.6	0.0443	0.000757	33.1	0.00483	0.0388	0.00023	0.000347	0.000148	0.118	0.00000208	0.000187	0.000646	0.00191	0.00000032
2055 Aug	275	0.0664	0.184	0.00365	56	0.0468	93.4	0.00097	0.00097	0.00000494	0.00688	0.00125	0.0485	0.0168	0.00000518	32	0.0000256	0.000402	0.000254	0.00131	0.0497	0.0000111	1.53	11.7	0.0445	0.000763	33.2	0.00487	0.039	0.000231	0.000349	0.000149	0.118	0.00000208	0.000188	0.000648	0.00192	0.00000032
2055 Sep	277	0.0665	0.184	0.00365	56.1	0.047	94.2	0.00097	0.00097	0.00000494	0.00689	0.00125	0.0488	0.0168	0.00000519	32.1	0.0000257	0.000404	0.000254	0.00131	0.0496	0.0000112	1.53	11.8	0.0446	0.000769	33.2	0.0049	0.039	0.00023	0.00035	0.000149	0.119	0.00000209	0.00019	0.000648	0.00192	0.000000319
2055 Oct	278	0.0667	0.184	0.00365	56.1	0.0472	94.7	0.00097	0.00097	0.00000494	0.0069	0.00126	0.049	0.0168	0.00000519	32.3	0.0000257	0.000405	0.000255	0.00132	0.0497	0.0000112	1.54	11.8	0.0447	0.000773	33.3	0.00492	0.039	0.00023	0.000351	0.00015	0.119	0.00000209	0.00019	0.000649	0.00193	0.000000319
2055 Nov	278	0.0668	0.184	0.00366	56.2	0.0473	95	0.00097	0.00097	0.00000494	0.0069	0.00126	0.0491	0.0168	0.00000519	32.3	0.0000257	0.000405	0.000255	0.00132	0.0497	0.0000112	1.54	11.8	0.0447	0.000774	33.3	0.00493	0.039	0.00023	0.000351	0.00015	0.119	0.00000209	0.000191	0.000649	0.00193	0.000000319
2055 Dec	279	0.0668	0.184	0.00366	56.2	0.0473	95	0.00097	0.00097	0.00000494	0.0069	0.00126	0.0492	0.0168	0.00000519	32.3	0.0000257	0.000406	0.000255	0.00132	0.0497	0.0000112	1.54	11.9	0.0447	0.000775	33.3	0.00493	0.0391	0.00023	0.000351	0.00015	0.119	0.00000209	0.000191	0.000649	0.00193	0.000000319
2056 Jan	279	0.0668	0.184	0.00366	56.2	0.0473	95	0.00097	0.00097	0.00000494	0.0069	0.00126	0.0492	0.0168	0.00000519	32.3	0.0000257	0.000406	0.000255	0.00132	0.0497	0.0000112	1.54	11.9	0.0447	0.000775	33.3	0.00493	0.0391	0.00023	0.000351	0.00015	0.119	0.00000209	0.000191	0.000649	0.00193	0.000000319
2056 Feb	279	0.0668	0.184	0.00366	56.2	0.0473	95	0.00097	0.00097	0.00000494	0.0069	0.00126	0.0492	0.0168	0.00000519	32.3	0.0000257	0.000406	0.000255	0.00132	0.0497	0.0000112	1.54	11.9	0.0447	0.000775	33.3	0.00493	0.0391	0.00023	0.000351	0.00015	0.119	0.00000209	0.000191	0.000649	0.00193	0.000000319
2056 Mar	279	0.0668	0.184	0.00366	56.2	0.0473	95	0.00097	0.00097	0.00000494	0.0069	0.00126	0.0492	0.0168	0.00000519	32.3	0.0000257	0.000406	0.000255	0.00132	0.0497	0.0000112	1.54	11.9	0.0447	0.000775	33.3	0.00493	0.0391	0.00023	0.000351	0.00015	0.119	0.00000209	0.000191	0.000649	0.00193	0.000000319
2056 Apr	279	0.0668	0.185	0.00366	56.2	0.0473	95	0.00097	0.00097	0.00000494	0.0069	0.00126	0.0492	0.0168	0.00000519	32.3	0.0000257	0.000406	0.000255	0.00132	0.0497	0.0000112	1.54	11.9	0.0448	0.000775	33.3	0.00493	0.0391	0.00023	0.000351	0.00015	0.119	0.00000209	0.000191	0.00065	0.00193	0.000000319
2056 May	276	0.0669	0.182	0.00362	55.7	0.047	93.9	0.000972	0.000972	0.00000495	0.00691	0.00127	0.0486	0.0172	0.0000052	32.4	0.0000257	0.000407	0.000261	0.00132	0.0507	0.0000112	1.55	11.8	0.0458	0.000768	33	0.00489	0.0394	0.000241	0.00035	0.00015	0.12	0.00000209	0.000189	0.00066	0.00193	0.000000314
2056 Jun	264	0.0664	0.17	0.00343	52.8	0.0451	88.6	0.000968	0.000968	0.00000492	0.00683	0.0013	0.046	0.0187	0.00000515	32.4	0.0000253	0.000408	0.000286	0.00131	0.0546	0.000011	1.58	11.3	0.0499	0.000731	30.9	0.0047	0.0401	0.000287	0.000341	0.000149	0.124	0.00000207	0.000182	0.000698	0.00191	0.00000284
2056 Jul	267	0.0666	0.171	0.00345	53	0.0455	89.7	0.000972	0.000972	0.00000495	0.00685	0.0013	0.0466	0.0188	0.00000518	32.7	0.0000254	0.000411	0.000288	0.00132	0.0548	0.0000111	1.59	11.4	0.0501	0.000739	31	0.00475	0.0402	0.000287	0.000344	0.00015	0.125	0.00000208	0.000184	0.000701	0.00191	0.000000283
2056 Aug	269	0.0667	0.171	0.00345	53.1	0.0459	90.8	0.000974	0.000974	0.00000496	0.00687	0.00131	0.047	0.0188	0.00000519	32.9	0.0000255	0.000413	0.000288	0.00133	0.0548	0.0000111	1.6	11.5	0.0503	0.000747	31	0.0048	0.0403	0.000287	0.000346	0.000151	0.125	0.00000209	0.000186	0.000701	0.00192	0.000000282
2056 Sep	271	0.067	0.172	0.00347	53.4	0.0463	92	0.000976	0.000976	0.00000497	0.00689	0.00132	0.0476	0.0188	0.00000521	33.2	0.0000256	0.000416	0.000289	0.00134	0.0549	0.0000112	1.6	11.7	0.0505	0.000757	31.2	0.00485	0.0404	0.000287	0.000348	0.000153	0.126	0.00000209	0.000188	0.000704	0.00193	0.000000282
2056 Oct	273	0.0673	0.172	0.00347	53.4	0.0466	93.1	0.000974	0.000974	0.00000496	0.0069	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000418	0.000289	0.00135	0.0548	0.0000112	1.61	11.8	0.0506	0.000764	31.2	0.00489	0.0404	0.000286	0.00035	0.000154	0.126	0.00000209	0.000189	0.000704	0.00192	0.000000281
2056 Nov	273	0.0674	0.172	0.00347	53.4	0.0466	93.1	0.000974	0.000974	0.00000496	0.0069	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000418	0.000289	0.00135	0.0548	0.0000112	1.61	11.8	0.0505	0.000766	31.2	0.00489	0.0404	0.000285	0.00035	0.000154	0.126	0.00000209	0.000189	0.000703	0.00192	0.00000028
2056 Dec	273	0.0674	0.172	0.00347	53.4	0.0467	93.2	0.000974	0.000974	0.00000496	0.0069	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000418	0.000289	0.00135	0.0548	0.0000112	1.61	11.8	0.0505	0.000766	31.2	0.0049	0.0404	0.000285	0.00035	0.000154	0.126	0.00000209	0.000189	0.000703	0.00192	0.00000028
2057 Jan	273	0.0674	0.172	0.00347	53.4	0.0467	93.2	0.000974	0.000974	0.00000496	0.0069	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000418	0.000289	0.00135	0.0548	0.0000112	1.61	11.8	0.0505	0.000766	31.2	0.0049	0.0404	0.000285	0.00035	0.000154	0.126	0.00000209	0.000189	0.000703	0.00192	0.00000028
2057 Feb	273	0.0674	0.172	0.00347	53.4	0.0467	93.2	0.000974	0.000974	0.00000496	0.0069	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000418	0.000289	0.00135	0.0548	0.0000112	1.61	11.8	0.0506	0.000766	31.2	0.0049	0.0404	0.000285	0.00035	0.000154	0.126	0.00000209	0.000189	0.000703	0.00192	0.00000028
2057 Mar	273	0.0674	0.172	0.00347	53.4	0.0467	93.2	0.000974	0.000974	0.00000496	0.0069	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000418	0.000289	0.00135	0.0549	0.0000112	1.61	11.8	0.0506	0.000766	31.2	0.0049	0.0404	0.000285	0.00035	0.000154	0.127	0.00000209	0.000189	0.000703	0.00192	0.00000028
2057 Apr	273	0.0675	0.172	0.00347	53.4	0.0467	93.2	0.000975	0.000975	0.00000496	0.00691	0.00132	0.0481	0.0188	0.0000052	33.4	0.0000257	0.000419	0.000289	0.00135	0.0549	0.0000112	1.61	11.8	0.0506	0.000766	31.2	0.0049	0.0404	0.000286	0.00035	0.000154	0.127	0.00000209	0.000189	0.000703	0.00192	0.00000028
2057 May	274	0.0676	0.172	0.00347	53.5	0.0468	93.3	0.000977	0.000977	0.00000497	0.00692	0.00132	0.0482	0.0189	0.0000052	33.5	0.0000258	0.000419	0.00029	0.00135	0.055	0.0000113	1.61	11.8	0.0508	0.000767	31.2	0.00491	0.0405	0.000287	0.00035	0.000154	0.127	0.00000209	0.000191	0.000705	0.00193	0.00000281
2057 Jun	260	0.0642	0.159	0.00328	49.9	0.045	88.2	0.000972	0.000972	0.00000494	0.00688	0.00131	0.0459	0.0189	0.00000517	32.5	0.0000254	0.000409	0.000288	0.00131	0.0552	0.0000111	1.59	11.3	0.0503	0.000729	29	0.00469	0.0406	0.00029	0.000343	0.000149	0.124	0.00000208	0.000182	0.000705	0.00192	0.00000252
2057 Jul	260	0.0638	0.159	0.00328	49.7	0.0452	88.8	0.000974	0.000974	0.00000495	0.00689	0.00131	0.0462	0.0188	0.00000518	32.5	0.0000255	0.00041	0.000287	0.00132	0.055	0.0000111	1.59	11.3	0.0501	0.000733	28.8	0.00472	0.0405	0.000288	0.000344	0.00015	0.124	0.00000208	0.000183	0.000704	0.00193	0.00000248
2057 Aug	264	0.0643	0.16	0.00331	50.2	0.0457	90.1	0.000981	0.000981	0.00000499	0.00694	0.00132	0.0468	0.0189	0.00000522	32.9	0.0000257	0.000414	0.00029	0.00133	0.0554	0.0000112	1.6	11.5	0.0506	0.000743	29.1	0.00478	0.0408	0.00029	0.000348	0.000151	0.125	0.0000021	0.000185	0.00071	0.00194	0.00000025
2057 Sep	268	0.0647	0.161	0.00333	50.5	0.0463	92.2	0.000982	0.000982	0.000005	0.00697	0.00133	0.0478	0.019	0.00000523	33.3	0.000026	0.000419	0.000291	0.00134	0.0555	0.0000113	1.61	11.7	0.051	0.000757	29.3	0.00487	0.0409	0.00029	0.000353	0.000153	0.127	0.0000021	0.000188	0.000713	0.00195	0.00000025
2057 Oct	270	0.0649	0.162	0.00334	50.7	0.0468	94	0.000981	0.000981	0.00000499	0.00698	0.00133	0.0485	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0554	0.0000114	1.62	11.9	0.0512	0.000769	29.4	0.00494	0.0409	0.00029	0.000356	0.000155	0.127	0.0000021	0.000191	0.000715	0.00195	0.00000249
2057 Nov	271	0.0651	0.162	0.00334	50.7	0.0468	94.1	0.000981	0.000981	0.00000499	0.00699	0.00133	0.0486	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0554	0.0000114	1.62	11.9	0.0512	0.00077	29.4	0.00494	0.0409	0.000289	0.000356	0.000155	0.128	0.0000021	0.000191	0.000715	0.00195	0.00000249
2057 Dec	271	0.0651	0.162	0.00334	50.7	0.0468	94.1	0.000981	0.000981	0.00000499	0.00699	0.00133	0.0486	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0554	0.0000114	1.62	11.9	0.0511	0.00077	29.4	0.00495	0.0409	0.000289	0.000356	0.000155	0.128	0.0000021	0.000191	0.000715	0.00195	0.00000248
2058 Jan	271	0.0651	0.162	0.00334	50.7	0.0468	94.1	0.000981	0.000981	0.00000499	0.00699	0.00133	0.0486	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0554	0.0000114	1.62	11.9	0.0512	0.00077	29.4	0.00495	0.0409	0.000289	0.000356	0.000155	0.128	0.0000021	0.000191	0.000715	0.00195	0.00000248
2058 Feb	271	0.0651	0.162	0.00334	50.7	0.0468	94.1	0.000981	0.000981	0.00000499	0.00699	0.00133	0.0486	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0554	0.0000114	1.62	11.9	0.0512	0.00077	29.4	0.00495	0.0409	0.000289	0.000356	0.000155	0.128	0.0000021	0.000191	0.000715	0.00195	0.00000248
2058 Mar	271	0.0651	0.162	0.00334	50.7	0.0468	94.1	0.000981	0.000981	0.00000499	0.00699	0.00133	0.0486	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0555	0.0000114	1.62	11.9	0.0512	0.00077	29.4	0.00495	0.0409	0.000289	0.000356	0.000155	0.128	0.0000021	0.000191	0.000715	0.00195	0.00000248
2058 Apr	271	0.0651	0.162	0.00334	50.7	0.0468	94.1	0.000981	0.000981	0.000005	0.00699	0.00133	0.0486	0.019	0.00000524	33.7	0.0000261	0.000423	0.000292	0.00135	0.0555	0.0000114	1.62	11.9	0.0512	0.000771	29.4	0.00495	0.0409	0.000289	0.000356	0.000155	0.128	0.0000021	0.000191	0.000715	0.00195	0.00000248
2058 May	269	0.0654	0.159	0.00329	50.2	0.0466	93.6	0.000982	0.000982	0.000005	0.00699	0.00135	0.0484	0.0195	0.00000524	34.1	0.0000262	0.000427	0.000301	0.00136	0.0569	0.0000114	1.64	11.9	0.0528	0.000768	29	0.00494	0.0413	0.000304	0.000356	0.000156	0.13	0.0000021	0.000191	0.000731	0.00196	0.00000242
2058 Jun	260	0.0649	0.146	0.00308	47.2	0.0456	92.1	0.00097	0.00097	0.00000494	0.00688	0.00139	0.0475	0.0213	0.00000517	35.1	0.000026	0.000439	0.000335	0.00138	0.0613	0.0000113	1.7	12	0.0586	0.000755	26.8	0.00491	0.0417	0.00036	0.000354	0.00016	0.136	0.0000207	0.000189	0.000783	0.00193	0.000000206
2058 Jul	271	0.0654	0.149	0.00313	48	0.0474	98.9	0.00097	0.00097	0.00000494	0.00692	0.00142	0.0506	0.0213	0.0000052	36.6	0.0000266	0.000454	0.000339	0.00142	0.0612	0.0000115	1.73	12.8	0.0598	0.0008	27.3	0.0052	0.0416	0.00036	0.000368	0.000166	0.14	0.0000208	0.000199	0.000793	0.00195	0.000000203
2058 Aug	275	0.0658	0.15	0.00315	48.3	0.0479	101	0.000974	0.000974	0.00000496	0.00696	0.00143	0.0514	0.0214	0.00000522	37	0.0000268	0.000459	0.000341	0.00143	0.0615	0.0000116	1.74	13	0.0602	0.000812	27.5	0.00527	0.0417	0.000361	0.000372	0.000168	0.141	0.0000209	0.000202	0.000797	0.00196	0.000000204
2058 Sep	279	0.0661	0.151	0.00316	48.5	0.0485	103	0.000973	0.000973	0.00000496	0.00697	0.00143	0.0523	0.0214	0.00000522	37.4	0.0000027	0.000463	0.000342	0.00144	0.0615	0.0000117	1.75	13.2	0.0604	0.000826	27.6	0.00536	0.0417	0.00036	0.000376	0.00017	0.142	0.0000209	0.000205	0.000799	0.00197	0.000000203
2058 Oct	281	0.0664	0.151	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.0529	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.75	13.3	0.0605	0.000836	27.7	0.00541	0.0418	0.000359	0.000378	0.000171	0.143	0.0000209	0.000207	0.000799	0.00197	0.000000202
2058 Nov	281	0.0664	0.151	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.053	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.75	13.4	0.0605	0.000837	27.7	0.00542	0.0418	0.000358	0.000379	0.000172	0.143	0.0000209	0.000208	0.000799	0.00197	0.000000202
2058 Dec	281	0.0665	0.151	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.053	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.75	13.4	0.0605	0.000837	27.7	0.00542	0.0418	0.000358	0.000379	0.000172	0.143	0.0000209	0.000208	0.000799	0.00197	0.000000202
2059 Jan	281	0.0665	0.151	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.053	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.75	13.4	0.0605	0.000837	27.7	0.00542	0.0418	0.000358	0.000379	0.000172	0.143	0.0000209	0.000208	0.000799	0.00197	0.000000202
2059 Feb	281	0.0665	0.151	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.053	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.75	13.4	0.0606	0.000837	27.7	0.00542	0.0418	0.000358	0.000378	0.000172	0.143	0.0000209	0.000208	0.0008	0.00197	0.000000202
2059 Mar	281	0.0665	0.151	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.053	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.75	13.4	0.0606	0.000837	27.7	0.00542	0.0418	0.000358	0.000378	0.000172	0.143	0.0000209	0.000208	0.0008	0.00197	0.000000202
2059 Apr	281	0.0665	0.152	0.00316	48.6	0.0489	104	0.000972	0.000972	0.00000496	0.00699	0.00144	0.053	0.0214	0.00000523	37.7	0.0000271	0.000466	0.000342	0.00145	0.0614	0.0000117	1.76	13.4	0.0606	0.000837	27.7	0.00542	0.0418	0.000359	0.000379	0.000172	0.143	0.0000209	0.000208	0.0008	0.00197	0.000000202
2059 May	281	0.0666	0.151	0.00315	48.5	0.0488	104	0.000974	0.000974	0.00000497	0.007	0.00144	0.0528	0.0216	0.00000523	37.8	0.0000271	0.000467	0.000345	0.00146	0.0619	0.0000117	1.76	13.3	0.0611	0.000835	27.6	0.00541	0.042	0.000364	0.000378	0.000172	0.143	0.0000021	0.000207	0.000805	0.00197	0.0000002
2059 Jun	277	0.0666	0.146	0.00307	47.4	0.0484	103	0.000972	0.000972	0.00000496	0.00699	0.00147	0

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2062 Jun	265	0.064	0.117	0.00266	39.6	0.0494	103	0.000972	0.000972	0.00000496	0.00707	0.00149	0.0528	0.0227	0.00000522	38.7	0.000027	0.000477	0.000363	0.00148	0.0646	0.0000119	1.8	13.4	0.0639	0.000851	21.6	0.00542	0.0433	0.000388	0.000374	0.000174	0.148	0.00000208	0.000209	0.000826	0.00195	0.000000118
2062 Jul	258	0.0617	0.113	0.00262	38.3	0.0485	101	0.000972	0.000972	0.00000496	0.00705	0.00146	0.0516	0.0221	0.00000521	37.6	0.0000268	0.000466	0.000351	0.00145	0.0632	0.0000118	1.77	13	0.0618	0.000829	20.8	0.00529	0.043	0.000373	0.000369	0.00017	0.144	0.00000208	0.000204	0.000809	0.00195	0.000000112
2062 Aug	260	0.0617	0.113	0.00262	38.3	0.0489	102	0.000974	0.000974	0.00000496	0.00706	0.00146	0.052	0.0221	0.00000522	37.8	0.0000269	0.000468	0.000351	0.00146	0.0631	0.0000118	1.77	13.2	0.0617	0.000837	20.8	0.00533	0.043	0.000371	0.000371	0.000171	0.145	0.00000208	0.000206	0.000807	0.00195	0.000000111
2062 Sep	262	0.0619	0.112	0.00261	38.1	0.0493	103	0.000971	0.000971	0.00000495	0.00706	0.00146	0.0525	0.022	0.00000521	37.9	0.0000268	0.000468	0.000349	0.00146	0.0627	0.0000118	1.77	13.3	0.0614	0.000847	20.7	0.00537	0.0429	0.000366	0.000371	0.000171	0.145	0.00000208	0.000207	0.000801	0.00195	0.000000109
2062 Oct	254	0.0634	0.108	0.00255	36.8	0.0493	99.6	0.000965	0.000965	0.00000492	0.00703	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0608	0.0000116	1.73	12.8	0.0583	0.00084	19.8	0.00522	0.0426	0.000342	0.000355	0.000166	0.14	0.00000206	0.000203	0.000762	0.00189	0.000000101
2062 Nov	253	0.0635	0.107	0.00255	36.7	0.0493	99.4	0.000965	0.000965	0.00000492	0.00704	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0607	0.0000116	1.73	12.8	0.0581	0.00084	19.8	0.00521	0.0427	0.000341	0.000354	0.000165	0.14	0.00000206	0.000203	0.00076	0.00189	0.000000101
2062 Dec	253	0.0636	0.107	0.00255	36.7	0.0493	99.4	0.000965	0.000965	0.00000492	0.00704	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0607	0.0000116	1.73	12.8	0.0581	0.000841	19.8	0.00521	0.0427	0.000341	0.000354	0.000165	0.14	0.00000206	0.000203	0.00076	0.00189	0.000000101
2063 Jan	253	0.0636	0.107	0.00255	36.7	0.0493	99.5	0.000965	0.000965	0.00000492	0.00704	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0607	0.0000116	1.73	12.8	0.0582	0.000841	19.8	0.00521	0.0427	0.000341	0.000354	0.000165	0.14	0.00000206	0.000203	0.00076	0.00189	0.000000101
2063 Feb	253	0.0636	0.107	0.00255	36.7	0.0493	99.4	0.000965	0.000965	0.00000492	0.00704	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0607	0.0000116	1.73	12.8	0.0582	0.000841	19.8	0.00521	0.0427	0.000341	0.000354	0.000165	0.14	0.00000206	0.000203	0.00076	0.00189	0.000000101
2063 Mar	253	0.0636	0.107	0.00255	36.7	0.0493	99.4	0.000965	0.000965	0.00000492	0.00704	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0607	0.0000116	1.73	12.8	0.0582	0.000841	19.8	0.00521	0.0427	0.000341	0.000354	0.000165	0.14	0.00000206	0.000203	0.00076	0.00189	0.000000101
2063 Apr	253	0.0636	0.107	0.00255	36.8	0.0493	99.5	0.000965	0.000965	0.00000492	0.00704	0.00143	0.051	0.0214	0.00000517	36.8	0.0000261	0.000453	0.000334	0.00144	0.0608	0.0000116	1.73	12.8	0.0582	0.000841	19.8	0.00521	0.0427	0.000341	0.000354	0.000165	0.14	0.00000206	0.000203	0.00076	0.00189	0.000000101
2063 May	252	0.0637	0.106	0.00254	36.6	0.049	98.5	0.000966	0.000966	0.00000492	0.00704	0.00143	0.0505	0.0216	0.00000518	36.8	0.0000261	0.000453	0.000337	0.00144	0.0614	0.0000116	1.74	12.7	0.0588	0.000834	19.6	0.00518	0.0428	0.000348	0.000353	0.000165	0.141	0.00000207	0.000201	0.000767	0.00189	9.96E-08
2063 Jun	228	0.06	0.0949	0.00236	33.5	0.0452	86.9	0.000959	0.000959	0.00000488	0.00687	0.0014	0.0452	0.022	0.0000051	34.6	0.000025	0.000431	0.00034	0.00137	0.0624	0.0000111	1.7	11.4	0.0589	0.000748	17.5	0.00471	0.0425	0.000368	0.000333	0.000155	0.137	0.00000203	0.000184	0.000772	0.00185	8.21E-08
2063 Jul	230	0.0596	0.0947	0.00237	33.3	0.0455	88.2	0.000959	0.000959	0.00000488	0.00687	0.00139	0.0457	0.0218	0.0000051	34.7	0.0000251	0.000431	0.00033	0.00137	0.0619	0.0000111	1.69	11.5	0.0586	0.000755	17.5	0.00476	0.0423	0.000363	0.000335	0.000156	0.137	0.00000204	0.000185	0.000768	0.00186	8.01E-08
2063 Aug	233	0.0599	0.0953	0.00239	33.5	0.0459	89.4	0.000964	0.000964	0.0000049	0.00691	0.0014	0.0463	0.0219	0.00000513	35	0.0000253	0.000435	0.00034	0.00139	0.0622	0.0000112	1.71	11.7	0.059	0.000764	17.6	0.00481	0.0425	0.000365	0.000338	0.000158	0.138	0.00000205	0.000187	0.000773	0.00187	8.04E-08
2063 Sep	235	0.0601	0.0953	0.00238	33.5	0.0465	91	0.000964	0.000964	0.00000491	0.00692	0.00141	0.0471	0.0219	0.00000514	35.3	0.0000254	0.000439	0.00034	0.00139	0.0621	0.0000113	1.71	11.9	0.059	0.000777	17.6	0.00488	0.0425	0.000362	0.000341	0.000159	0.138	0.00000205	0.00019	0.000771	0.00187	7.97E-08
2063 Oct	237	0.0603	0.0952	0.00238	33.5	0.0468	92.1	0.000962	0.000962	0.0000049	0.00693	0.00141	0.0475	0.0218	0.00000513	35.5	0.0000255	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0589	0.000785	17.5	0.00492	0.0425	0.000363	0.000342	0.00016	0.139	0.00000205	0.000191	0.00077	0.00187	7.92E-08
2063 Nov	237	0.0604	0.095	0.00238	33.4	0.0469	92	0.000962	0.000962	0.0000049	0.00693	0.00141	0.0475	0.0218	0.00000513	35.5	0.0000254	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0588	0.000786	17.5	0.00492	0.0426	0.000359	0.000341	0.00016	0.138	0.00000205	0.000191	0.000768	0.00187	7.89E-08
2063 Dec	237	0.0605	0.0949	0.00238	33.4	0.0469	92	0.000962	0.000962	0.0000049	0.00693	0.00141	0.0475	0.0218	0.00000513	35.5	0.0000254	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0588	0.000786	17.5	0.00492	0.0426	0.000359	0.000341	0.00016	0.138	0.00000205	0.000191	0.000768	0.00187	7.89E-08
2064 Jan	237	0.0605	0.0949	0.00238	33.4	0.0469	92.1	0.000962	0.000962	0.0000049	0.00693	0.00141	0.0476	0.0218	0.00000513	35.5	0.0000254	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0588	0.000787	17.5	0.00492	0.0426	0.000359	0.000341	0.00016	0.139	0.00000205	0.000192	0.000768	0.00187	7.89E-08
2064 Feb	237	0.0605	0.0949	0.00238	33.4	0.0469	92.1	0.000962	0.000962	0.0000049	0.00693	0.00141	0.0476	0.0218	0.00000513	35.5	0.0000254	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0588	0.000787	17.5	0.00492	0.0426	0.000359	0.000342	0.00016	0.139	0.00000205	0.000192	0.000769	0.00187	7.88E-08
2064 Mar	237	0.0605	0.0949	0.00238	33.4	0.0469	92.1	0.000963	0.000963	0.0000049	0.00693	0.00141	0.0476	0.0218	0.00000513	35.5	0.0000254	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0588	0.000787	17.5	0.00492	0.0426	0.000359	0.000342	0.00016	0.139	0.00000205	0.000192	0.000769	0.00187	7.89E-08
2064 Apr	237	0.0605	0.095	0.00238	33.4	0.0469	92.1	0.000963	0.000963	0.0000049	0.00694	0.00141	0.0476	0.0218	0.00000513	35.5	0.0000255	0.00044	0.00033	0.0014	0.0619	0.0000113	1.71	12	0.0589	0.000787	17.5	0.00492	0.0426	0.000359	0.000342	0.00016	0.139	0.00000205	0.000192	0.000769	0.00187	7.89E-08
2064 May	234	0.0607	0.0933	0.00235	33.1	0.0464	90.4	0.000964	0.000964	0.0000049	0.00692	0.00142	0.0468	0.0223	0.00000513	35.6	0.0000254	0.000441	0.00034	0.0014	0.0632	0.0000113	1.73	11.8	0.0602	0.000775	17.3	0.00486	0.0429	0.000374	0.00034	0.00016	0.14	0.00000205	0.000189	0.000783	0.00186	7.64E-08
2064 Jun	227	0.0605	0.0878	0.00225	32	0.045	87.5	0.000957	0.000957	0.00000487	0.00681	0.00145	0.0453	0.0236	0.00000509	35.9	0.0000251	0.000445	0.00033	0.0014	0.0664	0.0000111	1.76	11.6	0.0642	0.000751	16.4	0.00477	0.0431	0.000415	0.000336	0.00016	0.144	0.00000203	0.000185	0.000819	0.00185	6.63E-08
2064 Jul	234	0.0608	0.0889	0.00227	32.3	0.0461	91.5	0.000959	0.000959	0.00000488	0.00686	0.00147	0.0471	0.0237	0.00000511	36.8	0.0000255	0.000455	0.00034	0.00143	0.0666	0.0000113	1.78	12.1	0.0651	0.000777	16.5	0.00494	0.0432	0.000417	0.000345	0.000165	0.146	0.00000204	0.000191	0.000828	0.00187	0.000000066
2064 Aug	237	0.0609	0.0891	0.00228	32.4	0.0466	93	0.000961	0.000961	0.00000489	0.00688	0.00147	0.0478	0.0237	0.00000513	37.1	0.0000256	0.000458	0.00033	0.00144	0.0666	0.0000114	1.79	12.3	0.0652	0.000788	16.6	0.005	0.0432	0.000416	0.000347	0.000166	0.147	0.00000204	0.000194	0.000828	0.00187	6.58E-08
2064 Sep	241	0.061	0.0889	0.00227	32.3	0.0475	95.9	0.000958	0.000958	0.00000488	0.00688	0.00148	0.0491	0.0235	0.00000512	37.6	0.0000257	0.000463	0.00033	0.00145	0.0661	0.0000115	1.8	12.6	0.0651	0.00081	16.5	0.00511	0.0431	0.000409	0.000351	0.000168	0.148	0.00000204	0.000198	0.000823	0.00187	6.47E-08
2064 Oct	244	0.0611	0.0893	0.00228	32.4	0.0481	97.9	0.000958	0.000958	0.00000488	0.0069	0.00148	0.05	0.0235	0.00000513	38	0.0000259	0.000467	0.00033	0.00146	0.066	0.0000115	1.8	12.8	0.0653	0.000824	16.6	0.0052	0.0431	0.000408	0.000355	0.00017	0.149	0.00000204	0.000201	0.000825	0.00187	6.44E-08
2064 Nov	244	0.0612	0.0893	0.00228	32.4	0.0481	98.1	0.000958	0.000958	0.00000488	0.0069	0.00148	0.0502	0.0235	0.00000513	38.1	0.0000259	0.000468	0.00034	0.00146	0.0661	0.0000115	1.81	12.9	0.0653	0.000826	16.6	0.00521	0.0431	0.000408	0.000355	0.00017	0.149	0.00000205	0.000201	0.000825	0.00187	6.44E-08
2064 Dec	244	0.0612	0.0893	0.00228	32.4	0.0482	98.2	0.000958	0.000958	0.00000488	0.0069	0.00148	0.0502	0.0235	0.00000513	38.1	0.0000259	0.000468	0.00034	0.00146	0.0661	0.0000115	1.81	12.9	0.0653	0.000826	16.6	0.00521	0.0431	0.000408	0.000355	0.000171	0.149	0.00000205	0.000201	0.000825	0.00188	6.44E-08
2065 Jan	244	0.0612	0.0893	0.00228	32.4	0.0482	98.2	0.000958	0.000958	0.00000488	0.0069	0.00148	0.0502	0.0235	0.00000513	38.1	0.0000259	0.000468	0.00034	0.00146	0.0661	0.0000115	1.81	12.9	0.0653	0.000826	16.6	0.00521	0.0431	0.000408	0.000355	0.000171	0.149	0.00000205	0.000201	0.000826	0.00188	6.44E-08
2065 Feb	244	0.0612	0.0893	0.00228	32.4	0.0482	98.2	0.000958	0.000958	0.00000488	0.0069	0.00149	0.0502	0.0235	0.00000513	38.1	0.0000259	0.000468	0.00034	0.00146	0.0661	0.0000115	1.81	12.9	0.0653	0.000826	16.6	0.00521	0.0431	0.000408	0.000355	0.000171	0.149	0.00000205	0.000201	0.000826	0.00188	6.44E-08
2065 Mar	244	0.0612	0.0893	0.00228	32.4	0.0482	98.2	0.000958	0.000958	0.00000488	0.0069	0.00149	0.0502	0.0235	0.00000513	38.1	0.0000259	0.000468	0.00034	0.00146	0.0661	0.0000115	1.81	12.9	0.0654	0.000826	16.6	0.00521	0.0431	0.000408	0.000356	0.000171	0.149	0.00000205	0.000201	0.000826	0.00188	6.44E-08
2065 Apr	244	0.0612	0.0894	0.00228	32.4	0.0482	98.3	0.000959	0.000959	0.00000489	0.00691	0.00149	0.0502	0.0235	0.00000513	38.1	0.000026	0.000468	0.00034	0.00147	0.0661	0.0000115	1.81	12.9	0.0654	0.000827	16.6	0.00521	0.0432	0.000409	0.000356	0.000171	0.149	0.00000205	0.000201	0.000826	0.00188	6.44E-08
2065 May	244	0.0614	0.089	0.00228	32.4	0.0482	98.3	0.00096	0.00096	0.00000489	0.00691	0.00149	0.0502	0.0237	0.00000514	38.3	0.000026	0.00047	0.00033	0.00147	0.0666	0.0000116	1.81	12.9	0.0656	0.000827	16.6	0.00522	0.0433	0.000414	0.000356	0.000171	0.15	0.00000205	0.000202	0.000832	0.00188	6.38E-08
2065 Jun	238	0.0596	0.0855	0.00227	31.3	0.0473	96.2	0.000955	0.000955	0.00000486	0.00685	0.00148	0.0493	0.0236	0.00000511	37.7	0.0000258	0.000465	0.00033	0.00145	0.0661	0.0000115	1.8	12.6	0.0656	0.000898	15.9	0.00513	0.0429	0.000414	0.000354	0.000169	0.148	0.00000204	0.000198	0.000831	0.00187	5.77E-08
2065 Jul	242	0.0596	0.0861	0.00224	31.4	0.0479	98.2	0.00096	0.00096	0.00000489	0.0069	0.00149	0.0502	0.0236	0.00000514	38.2	0.0000261	0.000469	0.00033	0.00147	0.0664	0.0000115	1.81	12.9	0.0659	0.000821	16	0.00522	0.043	0.000414	0.000359	0.000171	0.149	0.00000205	0.000201	0.000834	0.00189	5.74E-08
2065 Aug	245	0.0599	0.0867	0.00226	31.6	0.0485	100	0.000965	0.000965	0.00000492	0.00694	0.0015	0.051	0.0237	0.00000517	38.6	0.0000263	0.000474	0.00033	0.00148	0.0666	0.0000116	1.82	13.1	0.0663	0.000834	16.1	0.0053	0.0432	0.000415	0.000363	0.000173	0.15	0.00000206	0.000204	0.000839	0.0019	5.75E-08
2065 Sep	249	0.0604	0.0862	0.00225	31.5	0.0493	102	0.000961	0.000961	0.0000049	0.00696	0.0015	0.0521	0.0235	0.00000516	39	0.0000264	0.000478	0.00033	0.00149	0.0661	0.0000117	1.83	13.3	0.066	0.000854	16	0.00539	0.0432	0.000408	0.000365	0.000175	0.151	0.00000206	0.000208	0.000833	0.0019	5.65E-08
2065 Oct	247	0.0617	0.0841	0.00221	30.9	0.0497	102	0.000955	0.000955	0.00000487	0.00697	0.00148	0.052	0.0231	0.00000513	38.6	0.0000262	0.000472	0.00033	0.00147	0.0648	0.0000116	1.81	13.3	0.0641	0.000863	15.6	0.00536	0.0431	0.00039	0.000358	0.000173	0.149	0.00000204	0.000208	0.000809	0.00187	5.37E-08
2065 Nov	246	0.0619	0.0838	0.00221	30.8	0.0498	102	0.000955	0.000955	0.00000487	0.00697	0.00148	0.0519	0.023	0.00000513	38.5	0.0000261	0.000471	0.00033	0.00148	0.0646	0.0000116	1.8	13.2	0.0637	0.000862	15.6	0.00535	0.0431	0.000387	0.000357	0.000172	0.149	0.00000204	0.000207	0.000805	0.00186	5.33E-08
2065 Dec	246	0.062	0.0838	0.00221	30.8	0.0498	102	0.000955	0.000955	0.00000487	0.00697	0.00148	0.0519	0.023	0.00000513	38.5	0.0000261	0.000471	0.00033	0.00148	0.0646	0.0000116	1.8	13.2	0.0637	0.000863	15.6	0.00535	0.0431	0.000387	0.000357	0.000172	0.149	0.00000204	0.000208	0.000805	0.00186	5.33E-08
2066 Jan	246	0.062	0.0838	0.00221	30.8	0.0498	102	0.000955	0.000955	0.00000487	0.00697	0.00148	0.0519	0.023	0.00000513	38.5	0.0000261	0.000471	0.00033	0.00148	0.0646	0.0000116	1.8	13.2	0.0637	0.000863	15.6	0.00535	0.0431	0.000387	0.000357	0.000172	0.149	0.00000204	0.000208	0.000805	0.00186	5.33E-08
2066 Feb	246	0.062	0.0838	0.00221	30.8	0.0498	102	0.000955	0.000955	0.00000487	0.00697	0.00148	0.0519	0.023	0.00000513	38.5	0.0000261	0.000471	0.00033	0.00148	0.0646	0.0000116	1.8	13.2	0.0637	0.000863	15.6	0.00535	0.0432	0.000387	0.000357	0.000172	0.149	0.00000204	0.000208	0.000805	0.00186	5.33E-08
2066 Mar	246	0.062	0.0838	0.00221	30.8	0.0498	102	0.000955	0.000955	0.00000487	0.00697	0.00148	0.0519	0.023	0.00000513	38.6	0.0000261	0.000471	0.00033	0.00148	0.0646	0.0000116	1.8	13.2	0.0638	0.000863	15.6	0.00535	0.0432	0.000387	0.000357	0.000172	0.149	0.00000204	0.000208	0.000806	0.00186	5.33E-08
2066 Apr	246	0.062	0.0838	0.00221	30.8	0.0498	102	0.000956	0.000956	0.00000487	0.00698	0.00148	0.052	0.023	0.00000513	38.6	0.0000261	0.000471	0.00033	0.00148	0.0647	0.0000116	1.8	13.2	0.0638	0.000863	15.6	0.00535	0.0432	0.000388	0.000357	0.000172	0.149	0.00000204	0.000208	0.000806	0.00186	5.33E-08
2066 May	247	0.0621	0.0839	0.00221	30.9	0.0498	102	0.000957	0.000957	0.00000488	0.00699	0.00148	0.052	0.0231	0.00000514	38.6	0.0000262	0.000472	0.00033	0.00148	0.0648	0.0000117	1.81	13.2	0.0639	0.000864	15.6	0.00535	0.0432	0.000388	0.000357	0.000172	0.149	0.00000205	0.000208	0.000807	0.00186	5.33E-08
2066 Jun	229	0.0574	0.0772	0.00212	28.6	0.047	93.4	0.000954	0.000954	0.00000486	0.00692	0.00142	0.0482	0.0221	0.00000509	36.1	0.0000256	0.000446	0.00033	0.00141	0.0627	0.0000114	1.73	12.2	0.0603	0.000796	14.3	0.00498	0.0427	0.000369	0.000344	0.000162	0.141	0.00000203	0.000194	0.000781	0.00186	4.61E-08
2066 Jul	231	0.0572	0.0774	0.00213	28.6	0.0476	95	0.00096	0.00096	0.00000489	0.00697	0.00143	0.0489	0.0221	0.00000513	36.4	0.0000258	0.000449	0.00034	0.00142	0.0626	0.0000114	1.74	12.4	0.0602	0.000809	14.3	0.00505	0.0428	0.000366	0.000349	0.000163	0.141	0.00000204	0.000196	0.000782	0.00188	4.54E-08
2066 Aug	234	0.0574	0.0779	0.00214	28.8	0.0481	96.6	0.000964	0.000964	0.00000491	0.007	0.00144	0.0497	0.0222	0.00000516	36.8	0.000026	0.000454	0.00034	0.00143	0.0629	0.0000115	1.75	12.5	0.0606	0.000818	14.4	0.00512	0.043	0.000367	0.000352	0.000165	0.142	0.00000205	0.000199	0.000787	0.00189	4.55E-08
2066 Sep	237	0.0578	0.078	0.00215	28.8	0.0487	98.4	0.000964	0.000964	0.00000491	0.00703	0.00145	0.0505	0.0221	0.00000516	37.1	0.0000262	0.000457	0.00034	0.00144	0.0628	0.0000116	1.75	12.7	0.0607	0.000831	14.4	0.00519	0.043	0.000365	0.000355	0.000167	0.143	0.00000206	0.000202	0.000787	0.00189	4.52E-08
2066 Oct	239	0.0582	0.0777	0.00214	28.7	0.0491	99.8	0.000961	0.000961	0.0000049	0.00704	0.00145	0.0512	0.022	0.00000515	37.4	0.0000262	0.00046	0.00034	0.00145	0.0625	0.0000116	1.76	12.9	0.0605	0.000844	14.4	0.00525	0.0431	0.000361	0.000357	0.000168	0.143	0.00000205	0.000204	0.000784	0.00189	4.47E-08
2066 Nov	239	0.0584	0.0775	0.00214	28.7	0.0492	99.8	0.000961	0.000961	0.0000049	0.00704	0.00145	0.0512	0.022	0.00000515	37.3	0.0000262	0.000459	0.00034	0.00145	0.0624	0.0000117	1.75	12.9	0.0604	0.000845	14.3	0.00525	0.0431	0.00036	0.000356	0.000168	0.143	0.00000205	0.000204	0.000782	0.00189	4.45E-08
2066 Dec	239	0.0

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2069 Dec	230	0.0576	0.0639	0.00194	25	0.0487	96.6	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0496	0.0223	0.00000515	36.9	0.000026	0.000453	0.000347	0.00144	0.0633	0.0000117	1.75	12.5	0.0602	0.000831	11.9	0.00511	0.044	0.000363	0.000348	0.000164	0.143	0.00000205	0.0002	0.000779	0.00187	2.65E-08
2070 Jan	230	0.0576	0.0639	0.00194	25	0.0487	96.6	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0496	0.0223	0.00000515	36.9	0.000026	0.000453	0.000347	0.00144	0.0633	0.0000117	1.75	12.5	0.0602	0.000831	11.9	0.00511	0.044	0.000363	0.000348	0.000164	0.143	0.00000205	0.0002	0.000779	0.00187	2.65E-08
2070 Feb	230	0.0576	0.0639	0.00194	25	0.0487	96.6	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0496	0.0223	0.00000515	36.9	0.000026	0.000453	0.000347	0.00144	0.0633	0.0000117	1.75	12.5	0.0602	0.000831	11.9	0.00511	0.044	0.000363	0.000348	0.000164	0.143	0.00000205	0.0002	0.000779	0.00187	2.65E-08
2070 Mar	230	0.0576	0.0639	0.00194	25	0.0487	96.6	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0496	0.0223	0.00000515	36.9	0.000026	0.000453	0.000347	0.00144	0.0633	0.0000117	1.75	12.5	0.0602	0.000831	11.9	0.00511	0.044	0.000363	0.000348	0.000164	0.143	0.00000205	0.0002	0.000779	0.00187	2.65E-08
2070 Apr	230	0.0577	0.0639	0.00194	25	0.0488	96.6	0.000963	0.000963	0.0000049	0.0071	0.00145	0.0496	0.0223	0.00000515	36.9	0.000026	0.000454	0.000347	0.00144	0.0633	0.0000117	1.75	12.5	0.0602	0.000831	11.9	0.00511	0.044	0.000363	0.000348	0.000164	0.143	0.00000205	0.0002	0.00078	0.00187	2.65E-08
2070 May	228	0.0578	0.0636	0.00194	25	0.0484	95.6	0.000965	0.000965	0.0000049	0.0071	0.00146	0.0491	0.0226	0.00000515	36.9	0.000026	0.000454	0.000351	0.00144	0.064	0.0000116	1.76	12.4	0.0609	0.000824	11.9	0.00507	0.0442	0.000371	0.000346	0.000164	0.143	0.00000205	0.000199	0.000787	0.00187	2.61E-08
2070 Jun	221	0.058	0.0616	0.0019	24.8	0.0467	90.6	0.000963	0.000963	0.0000049	0.00702	0.00147	0.0468	0.0234	0.00000513	36.5	0.0000255	0.00045	0.000365	0.00143	0.0663	0.0000115	1.77	12	0.0632	0.000787	11.6	0.00489	0.0444	0.0004	0.000339	0.000162	0.145	0.00000204	0.000191	0.000809	0.00186	2.38E-08
2070 Jul	223	0.0582	0.0619	0.00191	24.9	0.0471	91.9	0.000967	0.000967	0.0000049	0.00706	0.00148	0.0473	0.0235	0.00000515	36.8	0.0000257	0.000454	0.000367	0.00144	0.0665	0.0000115	1.78	12.1	0.0635	0.000796	11.7	0.00495	0.0446	0.000401	0.000342	0.000163	0.146	0.00000205	0.000193	0.000813	0.00187	2.38E-08
2070 Aug	226	0.0583	0.0622	0.00192	24.9	0.0476	93.1	0.00097	0.00097	0.0000049	0.00708	0.00149	0.0479	0.0236	0.00000517	37.1	0.0000259	0.000457	0.000368	0.00145	0.0667	0.0000116	1.79	12.2	0.0638	0.000805	11.7	0.005	0.0447	0.000401	0.000345	0.000165	0.146	0.00000206	0.000195	0.000816	0.00188	2.38E-08
2070 Sep	227	0.059	0.0617	0.00191	24.8	0.048	94.1	0.000968	0.000968	0.0000049	0.0071	0.00149	0.0483	0.0235	0.00000517	37.2	0.0000259	0.000458	0.000366	0.00145	0.0663	0.0000116	1.78	12.3	0.0633	0.000816	11.6	0.00503	0.0448	0.000395	0.000344	0.000165	0.146	0.00000206	0.000197	0.000809	0.00187	2.34E-08
2070 Oct	226	0.0595	0.0611	0.0019	24.6	0.0481	93.8	0.000966	0.000966	0.0000049	0.0071	0.00148	0.0482	0.0233	0.00000515	37	0.0000257	0.000455	0.000362	0.00145	0.0657	0.0000116	1.78	12.3	0.0625	0.000818	11.5	0.00501	0.0448	0.000388	0.000341	0.000164	0.145	0.00000205	0.000197	0.000799	0.00186	2.29E-08
2070 Nov	226	0.0597	0.061	0.0019	24.6	0.0482	93.6	0.000966	0.000966	0.0000049	0.00711	0.00148	0.0481	0.0232	0.00000515	36.9	0.0000257	0.000454	0.000361	0.00145	0.0656	0.0000116	1.77	12.3	0.0623	0.000818	11.5	0.005	0.0448	0.000386	0.00034	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	2.28E-08
2070 Dec	226	0.0597	0.0609	0.0019	24.6	0.0482	93.6	0.000966	0.000966	0.0000049	0.00711	0.00148	0.0481	0.0232	0.00000515	36.9	0.0000257	0.000454	0.000361	0.00145	0.0656	0.0000116	1.77	12.3	0.0623	0.000818	11.5	0.005	0.0448	0.000386	0.00034	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	2.28E-08
2071 Jan	226	0.0597	0.0609	0.0019	24.6	0.0482	93.6	0.000966	0.000966	0.0000049	0.00711	0.00148	0.0481	0.0232	0.00000515	36.9	0.0000257	0.000454	0.000361	0.00145	0.0656	0.0000116	1.77	12.3	0.0623	0.000818	11.5	0.005	0.0448	0.000386	0.00034	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	2.28E-08
2071 Feb	226	0.0597	0.0609	0.0019	24.6	0.0482	93.6	0.000966	0.000966	0.0000049	0.00711	0.00148	0.0481	0.0232	0.00000515	36.9	0.0000257	0.000454	0.000361	0.00145	0.0656	0.0000116	1.77	12.3	0.0623	0.000818	11.5	0.005	0.0448	0.000386	0.00034	0.000164	0.145	0.00000205	0.000197	0.000796	0.00185	2.28E-08
2071 Mar	226	0.0597	0.0609	0.0019	24.6	0.0482	93.6	0.000966	0.000966	0.0000049	0.00711	0.00148	0.0481	0.0233	0.00000515	36.9	0.0000257	0.000454	0.000361	0.00145	0.0656	0.0000116	1.77	12.3	0.0623	0.000818	11.5	0.005	0.0448	0.000386	0.00034	0.000164	0.145	0.00000205	0.000197	0.000797	0.00185	2.28E-08
2071 Apr	226	0.0597	0.0609	0.0019	24.6	0.0482	93.6	0.000966	0.000966	0.0000049	0.00711	0.00148	0.0481	0.0233	0.00000515	36.9	0.0000257	0.000454	0.000361	0.00145	0.0656	0.0000116	1.77	12.3	0.0623	0.000818	11.5	0.005	0.0448	0.000386	0.00034	0.000164	0.145	0.00000205	0.000197	0.000797	0.00185	2.28E-08
2071 May	225	0.0598	0.0607	0.00189	24.6	0.0479	92.7	0.000967	0.000967	0.0000049	0.0071	0.00148	0.0477	0.0234	0.00000515	36.9	0.0000256	0.000453	0.000364	0.00144	0.0661	0.0000116	1.78	12.2	0.0627	0.000811	11.5	0.00497	0.0448	0.000392	0.000339	0.000163	0.145	0.00000205	0.000195	0.000801	0.00185	2.25E-08
2071 Jun	216	0.0585	0.059	0.00187	24.1	0.0461	87.9	0.000962	0.000962	0.0000048	0.00699	0.00146	0.0454	0.0236	0.00000511	35.9	0.0000252	0.000444	0.000365	0.00141	0.0665	0.0000113	1.76	11.6	0.063	0.000773	11.1	0.00478	0.0445	0.000402	0.000331	0.000159	0.144	0.00000204	0.000188	0.000804	0.00184	2.03E-08
2071 Jul	217	0.0583	0.0591	0.00188	24.1	0.0463	88.4	0.000965	0.000965	0.0000049	0.00701	0.00146	0.0456	0.0235	0.00000513	36	0.0000253	0.000444	0.000364	0.00142	0.0663	0.0000114	1.76	11.7	0.0628	0.000776	11.1	0.0048	0.0445	0.0004	0.000332	0.00016	0.144	0.00000204	0.000188	0.000803	0.00184	2.01E-08
2071 Aug	219	0.0585	0.0594	0.00189	24.2	0.0466	89.2	0.000969	0.000969	0.0000049	0.00704	0.00147	0.046	0.0236	0.00000515	36.2	0.0000254	0.000447	0.000366	0.00143	0.0665	0.0000114	1.77	11.8	0.0631	0.000782	11.1	0.00483	0.0447	0.000401	0.000335	0.000161	0.144	0.00000205	0.00019	0.000806	0.00185	2.02E-08
2071 Sep	221	0.0588	0.0591	0.00188	24.1	0.0469	90	0.000967	0.000967	0.0000049	0.00704	0.00147	0.0464	0.0235	0.00000514	36.3	0.0000254	0.000447	0.000364	0.00143	0.0662	0.0000115	1.77	11.8	0.0627	0.00079	11.1	0.00486	0.0446	0.000396	0.000335	0.000161	0.144	0.00000205	0.000191	0.000801	0.00185	1.99E-08
2071 Oct	221	0.059	0.0589	0.00188	24	0.047	90.1	0.000965	0.000965	0.0000049	0.00704	0.00147	0.0464	0.0234	0.00000513	36.2	0.0000253	0.000446	0.000362	0.00143	0.0659	0.0000114	1.76	11.8	0.0624	0.000792	11	0.00486	0.0446	0.000393	0.000334	0.000161	0.144	0.00000204	0.000191	0.000797	0.00184	1.98E-08
2071 Nov	221	0.0592	0.0587	0.00187	23.9	0.047	90	0.000965	0.000965	0.0000049	0.00705	0.00146	0.0463	0.0234	0.00000513	36.2	0.0000253	0.000446	0.000361	0.00143	0.0658	0.0000114	1.76	11.8	0.0622	0.000792	11	0.00485	0.0446	0.000391	0.000333	0.00016	0.144	0.00000204	0.000191	0.000795	0.00184	1.97E-08
2071 Dec	221	0.0592	0.0587	0.00187	23.9	0.047	89.9	0.000965	0.000965	0.0000049	0.00705	0.00146	0.0463	0.0233	0.00000513	36.2	0.0000253	0.000445	0.000361	0.00143	0.0658	0.0000114	1.76	11.8	0.0621	0.000792	11	0.00485	0.0446	0.000391	0.000332	0.00016	0.144	0.00000204	0.000191	0.000794	0.00184	1.96E-08
2072 Jan	221	0.0592	0.0587	0.00187	23.9	0.047	89.9	0.000965	0.000965	0.0000049	0.00705	0.00146	0.0463	0.0233	0.00000513	36.2	0.0000253	0.000445	0.000361	0.00143	0.0658	0.0000114	1.76	11.8	0.0622	0.000792	11	0.00485	0.0446	0.000391	0.000332	0.00016	0.144	0.00000204	0.000191	0.000794	0.00184	1.96E-08
2072 Feb	221	0.0593	0.0587	0.00187	23.9	0.047	89.9	0.000965	0.000965	0.0000049	0.00705	0.00146	0.0463	0.0234	0.00000513	36.2	0.0000253	0.000445	0.000361	0.00143	0.0658	0.0000114	1.76	11.8	0.0622	0.000792	11	0.00485	0.0446	0.000391	0.000332	0.00016	0.144	0.00000204	0.000191	0.000794	0.00184	1.96E-08
2072 Mar	221	0.0593	0.0587	0.00187	23.9	0.047	89.9	0.000965	0.000965	0.0000049	0.00705	0.00146	0.0463	0.0234	0.00000513	36.2	0.0000253	0.000445	0.000361	0.00143	0.0658	0.0000114	1.76	11.8	0.0622	0.000792	11	0.00485	0.0446	0.000391	0.000332	0.00016	0.144	0.00000204	0.000191	0.000794	0.00184	1.96E-08
2072 Apr	221	0.0593	0.0587	0.00187	23.9	0.047	89.9	0.000965	0.000965	0.0000049	0.00705	0.00147	0.0463	0.0234	0.00000514	36.2	0.0000253	0.000446	0.000361	0.00143	0.0659	0.0000114	1.76	11.8	0.0622	0.000792	11	0.00485	0.0446	0.000391	0.000332	0.00016	0.144	0.00000204	0.000191	0.000795	0.00184	1.96E-08
2072 May	221	0.0594	0.0588	0.00188	24	0.0471	90.1	0.000967	0.000967	0.0000049	0.00706	0.00147	0.0464	0.0234	0.00000514	36.2	0.0000254	0.000446	0.000362	0.00143	0.066	0.0000115	1.76	11.8	0.0623	0.000794	11	0.00486	0.0447	0.000392	0.000333	0.000161	0.144	0.00000205	0.000191	0.000796	0.00184	1.97E-08
2072 Jun	215	0.0567	0.0568	0.00185	23.1	0.0462	87.3	0.000966	0.000966	0.0000049	0.00706	0.00143	0.0453	0.0226	0.00000513	35.1	0.0000253	0.000435	0.000348	0.00139	0.0643	0.0000114	1.72	11.5	0.0598	0.000769	10.6	0.00473	0.0444	0.000374	0.00033	0.000156	0.139	0.00000204	0.000186	0.000778	0.00185	1.84E-08
2072 Jul	214	0.056	0.0564	0.00185	22.9	0.0461	87	0.000969	0.000969	0.0000049	0.00707	0.00143	0.0452	0.0225	0.00000514	34.9	0.0000253	0.000433	0.000344	0.00139	0.0639	0.0000114	1.71	11.4	0.0592	0.000766	10.5	0.00472	0.0444	0.000369	0.00033	0.000155	0.139	0.00000205	0.000186	0.000773	0.00186	0.000000018
2072 Aug	212	0.0556	0.0553	0.00183	22.6	0.0464	86.1	0.000969	0.000969	0.0000049	0.00703	0.00142	0.0448	0.0222	0.00000514	34.5	0.0000248	0.000428	0.000337	0.00138	0.0629	0.0000114	1.7	11.3	0.0578	0.000766	10.3	0.00467	0.0442	0.000357	0.000324	0.000154	0.137	0.00000205	0.000184	0.000752	0.00184	1.74E-08
2072 Sep	211	0.0556	0.0547	0.00183	22.4	0.0466	85.7	0.000968	0.000968	0.0000049	0.007	0.00141	0.0447	0.022	0.00000513	34.3	0.0000245	0.000425	0.000332	0.00137	0.0622	0.0000114	1.69	11.2	0.0569	0.000768	10.2	0.00464	0.0441	0.000349	0.00032	0.000153	0.136	0.00000204	0.000184	0.00074	0.00182	0.000000017
2072 Oct	209	0.0561	0.0544	0.00183	22.3	0.0466	84.9	0.000965	0.000965	0.0000049	0.00698	0.0014	0.0443	0.0217	0.00000512	33.9	0.0000243	0.00042	0.000327	0.00137	0.0614	0.0000113	1.68	11.1	0.0558	0.000767	10.2	0.0046	0.0439	0.00034	0.000315	0.000151	0.134	0.00000204	0.000182	0.000726	0.0018	1.65E-08
2072 Nov	209	0.0563	0.0543	0.00183	22.3	0.0466	84.7	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0442	0.0217	0.00000512	33.9	0.0000242	0.000419	0.000326	0.00137	0.0613	0.0000113	1.67	11	0.0556	0.000767	10.1	0.0046	0.0439	0.000339	0.000314	0.000151	0.134	0.00000204	0.000182	0.000724	0.0018	1.64E-08
2072 Dec	209	0.0564	0.0543	0.00183	22.3	0.0466	84.8	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0443	0.0217	0.00000512	33.9	0.0000242	0.000419	0.000326	0.00137	0.0613	0.0000113	1.67	11	0.0556	0.000767	10.1	0.0046	0.0439	0.000338	0.000314	0.000151	0.134	0.00000204	0.000182	0.000724	0.0018	1.63E-08
2073 Jan	209	0.0564	0.0543	0.00183	22.3	0.0466	84.8	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0443	0.0217	0.00000512	33.9	0.0000242	0.000419	0.000326	0.00137	0.0613	0.0000113	1.67	11	0.0556	0.000767	10.1	0.0046	0.0439	0.000338	0.000314	0.000151	0.134	0.00000204	0.000182	0.000724	0.0018	1.63E-08
2073 Feb	209	0.0564	0.0543	0.00183	22.3	0.0466	84.7	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0443	0.0217	0.00000512	33.9	0.0000242	0.000419	0.000326	0.00137	0.0613	0.0000113	1.67	11	0.0556	0.000767	10.1	0.0046	0.0439	0.000339	0.000314	0.000151	0.134	0.00000204	0.000182	0.000724	0.0018	1.63E-08
2073 Mar	209	0.0564	0.0543	0.00183	22.3	0.0466	84.7	0.000965	0.000965	0.0000049	0.00699	0.0014	0.0443	0.0217	0.00000512	33.9	0.0000242	0.000419	0.000326	0.00137	0.0613	0.0000113	1.67	11	0.0557	0.000767	10.1	0.0046	0.0439	0.000339	0.000314	0.000151	0.134	0.00000204	0.000182	0.000724	0.0018	1.63E-08
2073 Apr	209	0.0564	0.0543	0.00183	22.3	0.0467	84.8	0.000966	0.000966	0.0000049	0.00699	0.0014	0.0443	0.0217	0.00000512	33.9	0.0000242	0.00042	0.000326	0.00137	0.0614	0.0000113	1.68	11	0.0557	0.000768	10.1	0.0046	0.0439	0.000339	0.000315	0.000151	0.134	0.00000204	0.000182	0.000725	0.0018	1.64E-08
2073 May	207	0.0568	0.0537	0.00181	22.3	0.0461	83.3	0.000967	0.000967	0.0000049	0.00698	0.00141	0.0436	0.0223	0.00000512	34	0.0000242	0.000422	0.000326	0.00137	0.0628	0.0000113	1.69	10.9	0.0573	0.000756	10.1	0.00455	0.0442	0.000356	0.000313	0.000151	0.136	0.00000204	0.00018	0.000741	0.0018	1.58E-08
2073 Jun	205	0.0567	0.0527	0.00178	22.2	0.0453	82.3	0.000963	0.000963	0.0000048	0.00692	0.00143	0.043	0.0231	0.0000051	34.4	0.0000242	0.000427	0.000352	0.00137	0.0649	0.0000112	1.72	10.9	0.0602	0.000744	9.94	0.00453	0.0442	0.000384	0.000314	0.000153	0.139	0.00000203	0.000179	0.00077	0.0018	1.43E-08
2073 Jul	209	0.0567	0.0531	0.0018	22.3	0.0459	84.6	0.000965	0.000965	0.0000049	0.00694	0.00144	0.0441	0.0231	0.00000512	34.9	0.0000244	0.000432	0.000353	0.00139	0.065	0.0000113	1.73	11.2	0.0605	0.000759	9.98	0.00463	0.0443	0.000384	0.000319	0.000155	0.14	0.00000204	0.000182	0.000773	0.00181	1.42E-08
2073 Aug	211	0.0569	0.0533	0.0018	22.4	0.0463	85.7	0.000968	0.000968	0.0000049	0.00697	0.00145	0.0445	0.0232	0.00000514	35.2	0.0000246	0.000435	0.000354	0.0014	0.0651	0.0000113	1.74	11.3	0.0608	0.000766	10	0.00467	0.0444	0.000384	0.000322	0.000156	0.141	0.00000204	0.000184	0.000775	0.00182	1.42E-08
2073 Sep	213	0.057	0.0533	0.0018	22.4	0.0467	87	0.000967	0.000967	0.0000049	0.00698	0.00145	0.0451	0.0231	0.00000513	35.4	0.0000246	0.000437	0.000354	0.0014	0.065	0.0000114	1.74	11.4	0.0608	0.000776	10	0.00473	0.0444	0.000382	0.000324	0.000157	0.141	0.00000204	0.000186	0.000775	0.00182	1.41E-08
2073 Oct	214	0.0575	0.0529	0.0018	22.3	0.0469	87.5	0.000964	0.000964	0.0000049	0.00698	0.00145	0.0453	0.023	0.00000512	35.4	0.0000246	0.000436	0.000351	0.0014	0.0646	0.0000114	1.74	11.5	0.0603	0.000782	9.93	0.00474	0.0444	0.000377	0.000323	0.000157	0.141	0.00000204	0.000187	0.000768	0.00181	1.39E-08
2073 Nov	213	0.0577	0.0527	0.00179	22.2	0.047	87.2	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0452	0.0229	0.00000512	35.3	0.0000246	0.000435	0.00035	0.0014	0.0644	0.0000114	1.73	11.4	0.06	0.000782	9.91	0.00473	0.0444	0.000374	0.000321	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	1.38E-08
2073 Dec	213	0.0578	0.0527	0.00179	22.2	0.047	87.3	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0452	0.0229	0.00000512	35.3	0.0000246	0.000435	0.00035	0.0014	0.0644	0.0000114	1.73	11.4	0.06	0.000783	9.9	0.00473	0.0444	0.000374	0.000321	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	1.38E-08
2074 Jan	213	0.0578	0.0527	0.00179	22.2	0.047	87.3	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0453	0.0229	0.00000512	35.3	0.0000246	0.000435	0.00035	0.0014	0.0644	0.0000114	1.73	11.5	0.06	0.000783	9.9	0.00473	0.0444	0.000374	0.000321	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	1.38E-08
2074 Feb	213	0.0578	0.0527	0.00179	22.2	0.047	87.3	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0453	0.0229	0.00000512	35.3	0.0000246	0.000435	0.00035	0.0014	0.0644	0.0000114	1.73	11.5	0.06	0.000783	9.91	0.00473	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	1.38E-08
2074 Mar	213	0.0578	0.0527	0.00179	22.2	0.047	87.3	0.000964	0.000964	0.0000049	0.00699	0.00145	0.0453	0.0229	0.00000512	35.3	0.0000246	0.000435	0.00035	0.0014	0.0644	0.0000114	1.73	11.5	0.06	0.000783	9.91	0.00473	0.0444	0.000374	0.000322	0.000157	0.141	0.00000204	0.000187	0.000765	0.00181	1.38E-08
2074 Apr	213	0.0578	0.0527	0.00179	22.2	0.047	87.4	0.000965	0.000965	0.0000049	0.00699	0.00145	0.0453	0.023	0.00000512	35.4	0.0000246	0.000436	0.00035	0.0014	0.0645	0.0000114	1.73	11.5	0.0601	0.000784	9.91	0.00473	0.0444	0.000375	0.000322	0.000157	0.141	0.00000204	0.000187	0.000766	0.00181	1.38E-08
2074 May	209	0.0583	0.0518	0.00177	22.2	0.0459	84.3	0.000966	0.000966	0.0000049	0.00697	0.00146	0.0439	0.0238	0.00000512	35.4	0.0000244	0.000437	0.000364	0.0014	0.0666	0.0000113	1.75	11.2	0.0623	0.00076	9.83	0.00463	0.0448	0.0004	0.000318	0.000156	0.143	0.00000204	0.000183	0.000789	0.00181	0.000000013

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2077 Jun	208	0.0552	0.046	0.00168	20.6	0.0449	85.5	0.000963	0.000963	0.00000489	0.00699	0.00149	0.0443	0.0244	0.00000511	36	0.0000252	0.000448	0.00038	0.00141	0.0689	0.0000114	1.78	11.4	0.0656	0.00075	8.75	0.0047	0.0451	0.000429	0.000332	0.000159	0.146	0.00000203	0.000184	0.000835	0.00186	7.19E-09
2077 Jul	211	0.0553	0.0462	0.00169	20.7	0.0454	87.1	0.000968	0.000968	0.00000492	0.00703	0.0015	0.045	0.0245	0.00000514	36.4	0.0000255	0.000452	0.000382	0.00142	0.0691	0.0000115	1.79	11.6	0.066	0.000761	8.78	0.00477	0.0453	0.00043	0.000336	0.000161	0.147	0.00000204	0.000187	0.00084	0.00187	7.18E-09
2077 Aug	213	0.0556	0.0465	0.0017	20.8	0.0458	88.1	0.000972	0.000972	0.00000494	0.00707	0.00151	0.0455	0.0246	0.00000516	36.7	0.0000256	0.000456	0.000383	0.00143	0.0694	0.0000116	1.8	11.7	0.0664	0.000769	8.83	0.00481	0.0455	0.000432	0.000339	0.000163	0.148	0.00000205	0.000188	0.000844	0.00188	7.2E-09
2077 Sep	214	0.056	0.046	0.00168	20.6	0.0462	89	0.000968	0.000968	0.00000492	0.00706	0.0015	0.0459	0.0244	0.00000514	36.8	0.0000256	0.000455	0.000379	0.00143	0.0687	0.0000116	1.8	11.8	0.0656	0.000779	8.74	0.00484	0.0454	0.000423	0.000338	0.000163	0.148	0.00000205	0.00019	0.000833	0.00187	7.05E-09
2077 Oct	215	0.0564	0.0458	0.00168	20.5	0.0465	89.4	0.000967	0.000967	0.00000492	0.00707	0.0015	0.0461	0.0243	0.00000514	36.8	0.0000255	0.000455	0.000377	0.00143	0.0684	0.0000116	1.79	11.8	0.0652	0.000785	8.71	0.00485	0.0454	0.000419	0.000337	0.000163	0.147	0.00000205	0.00019	0.000828	0.00186	6.96E-09
2077 Nov	215	0.0566	0.0457	0.00168	20.5	0.0465	89.4	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000514	36.7	0.0000255	0.000454	0.000377	0.00143	0.0683	0.0000116	1.79	11.8	0.0651	0.000785	8.7	0.00485	0.0454	0.000417	0.000337	0.000162	0.147	0.00000205	0.00019	0.000826	0.00186	6.94E-09
2077 Dec	215	0.0566	0.0457	0.00168	20.5	0.0465	89.4	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000514	36.7	0.0000255	0.000454	0.000377	0.00143	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.7	0.00485	0.0454	0.000417	0.000337	0.000162	0.147	0.00000205	0.00019	0.000826	0.00186	6.93E-09
2078 Jan	215	0.0567	0.0457	0.00168	20.5	0.0465	89.4	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0461	0.0242	0.00000514	36.7	0.0000255	0.000454	0.000377	0.00143	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.7	0.00485	0.0455	0.000417	0.000337	0.000162	0.147	0.00000205	0.00019	0.000826	0.00186	6.93E-09
2078 Feb	214	0.0567	0.0457	0.00168	20.5	0.0465	89.4	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0461	0.0243	0.00000514	36.7	0.0000255	0.000454	0.000377	0.00143	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.7	0.00485	0.0455	0.000417	0.000337	0.000162	0.147	0.00000205	0.00019	0.000826	0.00186	6.93E-09
2078 Mar	215	0.0567	0.0457	0.00168	20.5	0.0465	89.4	0.000967	0.000967	0.00000492	0.00708	0.0015	0.0461	0.0243	0.00000514	36.8	0.0000255	0.000454	0.000377	0.00143	0.0683	0.0000116	1.79	11.8	0.0651	0.000786	8.7	0.00485	0.0455	0.000417	0.000337	0.000162	0.147	0.00000205	0.00019	0.000827	0.00186	6.93E-09
2078 Apr	215	0.0567	0.0457	0.00168	20.5	0.0466	89.4	0.000968	0.000968	0.00000492	0.00709	0.0015	0.0461	0.0243	0.00000515	36.8	0.0000255	0.000455	0.000377	0.00143	0.0684	0.0000116	1.79	11.8	0.0652	0.000786	8.7	0.00485	0.0455	0.000418	0.000337	0.000163	0.147	0.00000205	0.00019	0.000827	0.00186	6.94E-09
2078 May	210	0.0571	0.0452	0.00167	20.6	0.0455	86.1	0.000969	0.000969	0.00000492	0.00705	0.00151	0.0446	0.025	0.00000514	36.6	0.0000253	0.000454	0.000388	0.00143	0.0702	0.0000115	1.81	11.5	0.0669	0.000762	8.68	0.00473	0.0458	0.000439	0.000332	0.000161	0.149	0.00000205	0.000186	0.000845	0.00186	6.56E-09
2078 Jun	206	0.0571	0.0452	0.00166	20.7	0.0444	83.9	0.000963	0.000963	0.00000489	0.00695	0.00151	0.0434	0.0255	0.0000051	36.5	0.000025	0.000452	0.000398	0.00142	0.0714	0.0000113	1.82	11.3	0.0686	0.000743	8.65	0.00465	0.0455	0.000459	0.000329	0.000161	0.15	0.00000203	0.000182	0.00086	0.00184	5.93E-09
2078 Jul	210	0.0574	0.0455	0.00167	20.8	0.0451	86	0.000967	0.000967	0.00000492	0.00699	0.00153	0.0444	0.0256	0.00000513	37	0.0000253	0.000458	0.000401	0.00144	0.0717	0.0000114	1.83	11.6	0.0692	0.000757	8.7	0.00475	0.0457	0.000461	0.000334	0.000163	0.151	0.00000204	0.000186	0.000867	0.00186	5.94E-09
2078 Aug	213	0.0574	0.0457	0.00168	20.9	0.0455	87.4	0.00097	0.00097	0.00000493	0.00702	0.00153	0.045	0.0256	0.00000515	37.3	0.0000254	0.000461	0.000402	0.00145	0.0719	0.0000115	1.84	11.7	0.0695	0.000767	8.72	0.0048	0.0458	0.000461	0.000336	0.000165	0.152	0.00000205	0.000188	0.000869	0.00186	5.93E-09
2078 Sep	216	0.0575	0.0457	0.00168	20.9	0.046	89.2	0.00097	0.00097	0.00000493	0.00703	0.00154	0.0458	0.0256	0.00000515	37.7	0.0000256	0.000465	0.000403	0.00146	0.0718	0.0000116	1.85	11.9	0.0697	0.00078	8.72	0.00488	0.0459	0.00046	0.00034	0.000166	0.153	0.00000205	0.000191	0.000871	0.00187	5.91E-09
2078 Oct	217	0.0578	0.0456	0.00167	20.8	0.0464	90.3	0.000968	0.000968	0.00000492	0.00704	0.00154	0.0463	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146	0.0716	0.0000116	1.85	12.1	0.0695	0.000788	8.7	0.00492	0.0458	0.000457	0.000341	0.000167	0.153	0.00000205	0.000192	0.000868	0.00187	5.87E-09
2078 Nov	217	0.058	0.0455	0.00167	20.8	0.0464	90.2	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.8	0.0000256	0.000466	0.000401	0.00146	0.0715	0.0000116	1.85	12	0.0694	0.000789	8.68	0.00491	0.0459	0.000455	0.00034	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	5.85E-09
2078 Dec	217	0.058	0.0454	0.00167	20.8	0.0464	90.2	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.8	0.0000256	0.000466	0.000401	0.00146	0.0715	0.0000116	1.85	12	0.0693	0.000789	8.68	0.00491	0.0459	0.000455	0.00034	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	5.84E-09
2079 Jan	217	0.058	0.0454	0.00167	20.8	0.0465	90.3	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.8	0.0000256	0.000466	0.000401	0.00146	0.0715	0.0000116	1.85	12	0.0694	0.000789	8.68	0.00492	0.0459	0.000455	0.00034	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	5.84E-09
2079 Feb	217	0.058	0.0454	0.00167	20.8	0.0465	90.3	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.8	0.0000257	0.000467	0.000401	0.00146	0.0715	0.0000116	1.85	12	0.0694	0.000789	8.68	0.00492	0.0459	0.000455	0.00034	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	5.84E-09
2079 Mar	217	0.058	0.0454	0.00167	20.8	0.0465	90.3	0.000968	0.000968	0.00000492	0.00705	0.00154	0.0463	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146	0.0715	0.0000116	1.85	12.1	0.0694	0.000789	8.68	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	5.84E-09
2079 Apr	217	0.058	0.0455	0.00167	20.8	0.0465	90.3	0.000969	0.000969	0.00000493	0.00705	0.00154	0.0463	0.0255	0.00000515	37.9	0.0000257	0.000467	0.000401	0.00146	0.0715	0.0000116	1.85	12.1	0.0694	0.00079	8.69	0.00492	0.0459	0.000455	0.000341	0.000167	0.153	0.00000205	0.000192	0.000866	0.00186	5.85E-09
2079 May	218	0.0581	0.0455	0.00168	20.9	0.0465	90.4	0.00097	0.00097	0.00000493	0.00706	0.00154	0.0464	0.0256	0.00000516	37.9	0.0000257	0.000468	0.000402	0.00147	0.0717	0.0000116	1.85	12.1	0.0696	0.000791	8.7	0.00493	0.046	0.000457	0.000341	0.000167	0.153	0.00000205	0.000193	0.000868	0.00187	5.85E-09
2079 Jun	206	0.0542	0.0433	0.00164	19.8	0.0446	84.9	0.000965	0.000965	0.0000049	0.00701	0.00149	0.044	0.0244	0.00000511	35.9	0.0000254	0.000448	0.00038	0.0014	0.0691	0.0000114	1.78	11.3	0.0657	0.000743	8.25	0.00467	0.0453	0.000431	0.000334	0.000159	0.146	0.00000204	0.000183	0.00084	0.00187	5.15E-09
2079 Jul	207	0.0535	0.0434	0.00165	19.7	0.0447	85.4	0.000965	0.000965	0.0000049	0.00702	0.00148	0.0442	0.0242	0.00000512	35.8	0.0000254	0.000446	0.000376	0.0014	0.0684	0.0000114	1.77	11.4	0.065	0.000745	8.21	0.00469	0.0451	0.000424	0.000335	0.000159	0.145	0.00000204	0.000184	0.000834	0.00188	5.03E-09
2079 Aug	209	0.0537	0.0436	0.00165	19.7	0.0451	86.5	0.000969	0.000969	0.00000492	0.00705	0.00149	0.0448	0.0242	0.00000514	36.1	0.0000256	0.000449	0.000377	0.00141	0.0686	0.0000115	1.78	11.5	0.0653	0.000754	8.23	0.00474	0.0453	0.000425	0.000338	0.00016	0.146	0.00000205	0.000186	0.000837	0.00188	5.03E-09
2079 Sep	211	0.0541	0.0434	0.00165	19.7	0.0455	87.7	0.000967	0.000967	0.00000492	0.00706	0.00149	0.0453	0.0241	0.00000514	36.2	0.0000256	0.00045	0.000375	0.00142	0.0683	0.0000115	1.78	11.6	0.0649	0.000764	8.19	0.00478	0.0453	0.00042	0.000338	0.000161	0.146	0.00000204	0.000187	0.000832	0.00188	4.97E-09
2079 Oct	211	0.0544	0.0433	0.00165	19.6	0.0457	88.1	0.000965	0.000965	0.00000491	0.00706	0.00149	0.0454	0.024	0.00000513	36.2	0.0000256	0.00045	0.000373	0.00142	0.0679	0.0000115	1.78	11.7	0.0645	0.000769	8.17	0.00479	0.0452	0.000415	0.000338	0.000161	0.145	0.00000204	0.000188	0.000826	0.00187	4.91E-09
2079 Nov	211	0.0547	0.0432	0.00165	19.6	0.0457	87.7	0.000965	0.000965	0.00000491	0.00706	0.00148	0.0453	0.0239	0.00000513	36.1	0.0000255	0.000448	0.000371	0.00141	0.0676	0.0000115	1.77	11.6	0.0641	0.000768	8.15	0.00477	0.0452	0.000412	0.000336	0.00016	0.145	0.00000204	0.000187	0.000821	0.00187	4.86E-09
2079 Dec	210	0.0549	0.0431	0.00165	19.6	0.0457	87.3	0.000965	0.000965	0.0000049	0.00706	0.00148	0.0451	0.0239	0.00000512	36	0.0000254	0.000446	0.000369	0.00141	0.0675	0.0000115	1.77	11.5	0.0638	0.000768	8.14	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000817	0.00186	4.83E-09
2080 Jan	210	0.055	0.0431	0.00165	19.6	0.0457	87.3	0.000965	0.000965	0.0000049	0.00706	0.00148	0.0451	0.0239	0.00000512	36	0.0000254	0.000446	0.000369	0.00141	0.0675	0.0000115	1.77	11.5	0.0638	0.000768	8.14	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000817	0.00186	4.82E-09
2080 Feb	210	0.055	0.0431	0.00165	19.6	0.0457	87.3	0.000965	0.000965	0.0000049	0.00706	0.00148	0.0451	0.0239	0.00000512	36	0.0000254	0.000446	0.00037	0.00141	0.0675	0.0000115	1.77	11.5	0.0638	0.000767	8.14	0.00476	0.0452	0.000409	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	4.82E-09
2080 Mar	210	0.055	0.0431	0.00165	19.6	0.0457	87.2	0.000965	0.000965	0.0000049	0.00706	0.00148	0.0451	0.0239	0.00000512	36	0.0000254	0.000446	0.00037	0.00141	0.0675	0.0000115	1.77	11.5	0.0638	0.000767	8.14	0.00476	0.0452	0.00041	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	4.82E-09
2080 Apr	210	0.055	0.0431	0.00165	19.6	0.0457	87.3	0.000965	0.000965	0.00000491	0.00707	0.00148	0.0451	0.0239	0.00000513	36	0.0000254	0.000447	0.00037	0.00141	0.0676	0.0000115	1.77	11.5	0.0639	0.000768	8.14	0.00476	0.0453	0.00041	0.000334	0.000159	0.145	0.00000204	0.000187	0.000818	0.00186	4.82E-09
2080 May	210	0.0551	0.0432	0.00165	19.6	0.0458	87.4	0.000967	0.000967	0.00000492	0.00708	0.00148	0.0452	0.0239	0.00000514	36.1	0.0000255	0.000448	0.000371	0.00141	0.0677	0.0000115	1.77	11.6	0.064	0.000769	8.16	0.00477	0.0453	0.000411	0.000334	0.00016	0.145	0.00000204	0.000187	0.00082	0.00187	4.83E-09
2080 Jun	206	0.0528	0.0422	0.00164	19	0.0451	85.7	0.000965	0.000965	0.00000491	0.00707	0.00145	0.0445	0.0231	0.00000512	35.1	0.0000254	0.000438	0.000356	0.00139	0.0658	0.0000114	1.73	11.3	0.0616	0.000752	7.93	0.00468	0.0449	0.000391	0.000333	0.000156	0.141	0.00000204	0.000184	0.000801	0.00187	4.52E-09
2080 Jul	204	0.0518	0.0421	0.00164	18.8	0.0448	84.7	0.000966	0.000966	0.00000491	0.00706	0.00144	0.044	0.0228	0.00000512	34.6	0.0000253	0.000433	0.00035	0.00137	0.065	0.0000114	1.71	11.1	0.0604	0.000743	7.85	0.00463	0.0447	0.000383	0.000331	0.000154	0.139	0.00000204	0.000182	0.000791	0.00187	4.38E-09
2080 Aug	206	0.0518	0.0422	0.00165	18.8	0.0451	85.3	0.000968	0.000968	0.00000492	0.00707	0.00144	0.0443	0.0228	0.00000513	34.7	0.0000254	0.000434	0.00035	0.00138	0.0651	0.0000115	1.72	11.2	0.0604	0.000748	7.85	0.00466	0.0448	0.000382	0.000332	0.000155	0.139	0.00000204	0.000183	0.000791	0.00188	4.36E-09
2080 Sep	207	0.0519	0.042	0.00165	18.8	0.0454	86	0.000967	0.000967	0.00000491	0.00707	0.00144	0.0446	0.0227	0.00000513	34.8	0.0000253	0.000434	0.000348	0.00138	0.0648	0.0000115	1.72	11.3	0.0601	0.000754	7.82	0.00468	0.0448	0.000378	0.000332	0.000155	0.139	0.00000204	0.000184	0.000787	0.00187	4.32E-09
2080 Oct	208	0.0522	0.042	0.00165	18.8	0.0456	86.6	0.000966	0.000966	0.00000491	0.00707	0.00144	0.0449	0.0226	0.00000513	34.9	0.0000253	0.000434	0.000347	0.00138	0.0645	0.0000115	1.72	11.3	0.0599	0.000759	7.81	0.0047	0.0447	0.000375	0.000332	0.000155	0.139	0.00000204	0.000185	0.000783	0.00187	4.28E-09
2080 Nov	207	0.0523	0.0421	0.00165	18.8	0.0457	86.5	0.000965	0.000965	0.00000491	0.00707	0.00144	0.0448	0.0226	0.00000512	34.8	0.0000253	0.000433	0.000346	0.00138	0.0643	0.0000115	1.71	11.3	0.0597	0.00076	7.81	0.0047	0.0446	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	4.25E-09
2080 Dec	207	0.0524	0.0421	0.00165	18.8	0.0457	86.5	0.000965	0.000965	0.00000491	0.00707	0.00144	0.0448	0.0226	0.00000512	34.8	0.0000253	0.000433	0.000346	0.00138	0.0643	0.0000115	1.71	11.3	0.0596	0.000761	7.81	0.0047	0.0447	0.000373	0.000331	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	4.24E-09
2081 Jan	207	0.0524	0.042	0.00165	18.8	0.0457	86.5	0.000965	0.000965	0.00000491	0.00707	0.00144	0.0448	0.0226	0.00000512	34.8	0.0000253	0.000433	0.000346	0.00138	0.0643	0.0000115	1.71	11.3	0.0596	0.000761	7.81	0.0047	0.0447	0.000373	0.000331	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	4.24E-09
2081 Feb	207	0.0524	0.042	0.00165	18.8	0.0457	86.5	0.000965	0.000965	0.00000491	0.00707	0.00144	0.0448	0.0226	0.00000512	34.8	0.0000253	0.000433	0.000346	0.00138	0.0643	0.0000115	1.71	11.3	0.0597	0.000761	7.81	0.0047	0.0447	0.000373	0.000331	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	4.24E-09
2081 Mar	207	0.0524	0.042	0.00165	18.8	0.0457	86.5	0.000965	0.000965	0.00000491	0.00707	0.00144	0.0448	0.0226	0.00000512	34.8	0.0000253	0.000433	0.000346	0.00138	0.0644	0.0000115	1.71	11.3	0.0597	0.00076	7.81	0.0047	0.0447	0.000373	0.000331	0.000155	0.139	0.00000204	0.000185	0.00078	0.00187	4.24E-09
2081 Apr	207	0.0525	0.0421	0.00165	18.8	0.0457	86.5	0.000966	0.000966	0.00000491	0.00708	0.00144	0.0448	0.0226	0.00000513	34.8	0.0000253	0.000434	0.000346	0.00138	0.0644	0.0000115	1.71	11.3	0.0597	0.000761	7.81	0.0047	0.0447	0.000373	0.000332	0.000155	0.139	0.00000204	0.000185	0.000781	0.00187	4.24E-09
2081 May	204	0.0529	0.0419	0.00164	18.9	0.045	84.4	0.000967	0.000967	0.00000491	0.00706	0.00145	0.0438	0.0231	0.00000513	34.8	0.0000252	0.000433	0.000354	0.00138	0.0657	0.0000114	1.72	11.1	0.061	0.000745	7.83	0.00462	0.045	0.000388	0.000329	0.000154	0.14	0.00000204	0.000182	0.000793	0.00186	4.11E-09
2081 Jun	202	0.0528	0.0419	0.00164	19	0.0443	82.7	0.000964	0.000964	0.0000049	0.007	0.00145	0.043	0.0234	0.00000511	34.6	0.000025	0.000432	0.00036	0.00137	0.0665	0.0000113	1.73	11	0.062	0.000737	7.82	0.00456	0.0448	0.000401	0.000326	0.000154	0.14	0.00000203	0.000179	0.000803	0.00186	3.83E-09
2081 Jul	204	0.0531	0.0422	0.00165	19.1	0.0447	83.8	0.00097	0.00097	0.00000493	0.00705	0.00146	0.0435	0.0235	0.00000514	34.9	0.0000252	0.000436	0.000362	0.00139	0.0668	0.0000114	1.74	11.1	0.0624	0.000739	7.86	0.00461	0.0451	0.000402	0.000329	0.000155	0.141	0.00000205	0.000181	0.000808	0.00187	3.84E-09
2081 Aug	206	0.0534	0.0425	0.00166	19.2	0.0451	84.7	0.000976	0.000976	0.00000496	0.00709	0.00147	0.044	0.0237	0.00000517	35.2	0.0000254	0.000439	0.000364	0.0014	0.0672	0.0000115	1.75	11.2	0.0628	0.000746	7.91	0.00466	0.0453	0.000404	0.000332	0.000157	0.142	0.00000206	0.000183	0.000813	0.00188	3.86E-09
2081 Sep	208	0.0536	0.0424	0.00166	19.2	0.0454	85.9	0.000975	0.000975	0.00000496	0.0071	0.00147	0.0445	0.0236	0.00000517	35.5	0.0000255	0.000441	0.000364	0.0014	0.0671	0.0000115	1.76	11.3	0.0628	0.000756	7.9	0.0047	0.0454	0.000403	0.000334	0.000158	0.143	0.00000206	0.000185	0.000813	0.00188	3.84E-09
2081 Oct	210	0.0537	0.0424	0.00166	19.2	0.0457	86.8	0.000975	0.000975	0.00000495	0.00711	0.00147	0.0449	0.0236	0.00000517	35.6	0.0000255	0.000443	0.000364	0.00141	0.067	0.0000116	1.76	11.4	0.0629	0.000762	7.89	0.00474	0.0453	0.000402	0.000335	0.000158	0.143	0.00000206	0.000186	0.000813	0.00188	3.83E-09
2081 Nov	210	0.0539	0.0422	0.00166	19.1	0.0457	86.7	0.000973	0.000973	0.00000494	0.00711	0.00147	0.0448	0.0235	0.00000516	35.5	0.0000255	0.000442	0.000363	0.00141	0.0668	0.0000115	1.75	11.4	0.0626	0.000763	7.86	0.00473	0.0453	0.000399	0.000334

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2084 Dec	206	0.0534	0.0392	0.00161	18.1	0.0455	86.1	0.000962	0.000962	0.00000489	0.00705	0.00146	0.0445	0.0232	0.00000511	35.2	0.0000252	0.000437	0.000357	0.00139	0.066	0.0000115	1.73	11.3	0.0616	0.00076	7.29	0.00469	0.045	0.000391	0.00033	0.000156	0.141	0.00000203	0.000185	0.000796	0.00185	2.12E-09
2085 Jan	206	0.0534	0.0392	0.00161	18.1	0.0455	86.2	0.000962	0.000962	0.00000489	0.00705	0.00146	0.0445	0.0232	0.00000511	35.2	0.0000252	0.000437	0.000357	0.00139	0.066	0.0000115	1.73	11.3	0.0616	0.00076	7.29	0.0047	0.045	0.000391	0.00033	0.000156	0.141	0.00000203	0.000185	0.000796	0.00185	2.12E-09
2085 Feb	206	0.0534	0.0392	0.00161	18.1	0.0455	86.2	0.000962	0.000962	0.00000489	0.00705	0.00146	0.0445	0.0232	0.00000511	35.2	0.0000252	0.000437	0.000357	0.00139	0.066	0.0000115	1.73	11.3	0.0616	0.00076	7.29	0.0047	0.045	0.000391	0.00033	0.000156	0.141	0.00000203	0.000185	0.000796	0.00185	2.12E-09
2085 Mar	206	0.0534	0.0392	0.00161	18.1	0.0455	86.1	0.000962	0.000962	0.00000489	0.00705	0.00146	0.0445	0.0233	0.00000511	35.2	0.0000252	0.000437	0.000358	0.00139	0.066	0.0000115	1.73	11.3	0.0616	0.00076	7.29	0.0047	0.045	0.000391	0.00033	0.000156	0.141	0.00000203	0.000185	0.000796	0.00185	2.12E-09
2085 Apr	206	0.0534	0.0392	0.00161	18.2	0.0456	86.2	0.000963	0.000963	0.00000489	0.00705	0.00146	0.0445	0.0233	0.00000511	35.2	0.0000252	0.000437	0.000358	0.00139	0.0661	0.0000115	1.74	11.3	0.0617	0.00076	7.29	0.0047	0.0451	0.000392	0.00033	0.000156	0.141	0.00000203	0.000185	0.000796	0.00185	2.12E-09
2085 May	205	0.0537	0.0392	0.0016	18.3	0.0452	85.2	0.000964	0.000964	0.0000049	0.00705	0.00146	0.0441	0.0236	0.00000511	35.2	0.0000252	0.000438	0.000363	0.00139	0.0668	0.0000114	1.74	11.2	0.0625	0.000753	7.32	0.00466	0.0452	0.000401	0.000329	0.000156	0.142	0.00000203	0.000184	0.000804	0.00185	2.07E-09
2085 Jun	205	0.0539	0.0394	0.0016	18.4	0.045	85.4	0.000962	0.000962	0.00000489	0.00702	0.00147	0.0441	0.0239	0.0000051	35.5	0.0000252	0.000441	0.00037	0.0014	0.0678	0.0000114	1.76	11.3	0.0639	0.000752	7.35	0.00468	0.0452	0.000413	0.00033	0.000158	0.144	0.00000203	0.000184	0.000817	0.00185	1.97E-09
2085 Jul	208	0.0541	0.0396	0.00161	18.5	0.0456	87	0.000966	0.000966	0.00000491	0.00706	0.00148	0.0448	0.024	0.00000513	35.9	0.0000254	0.000445	0.000372	0.00141	0.068	0.0000115	1.77	11.5	0.0643	0.000763	7.38	0.00475	0.0454	0.000415	0.000334	0.000159	0.145	0.00000204	0.000187	0.000822	0.00186	1.97E-09
2085 Aug	212	0.0541	0.0397	0.00162	18.5	0.046	88.7	0.000966	0.000966	0.00000491	0.00707	0.00149	0.0456	0.024	0.00000513	36.3	0.0000255	0.000449	0.000373	0.00142	0.068	0.0000116	1.78	11.7	0.0645	0.000775	7.38	0.00482	0.0454	0.000414	0.000337	0.000161	0.146	0.00000204	0.000189	0.000823	0.00187	1.96E-09
2085 Sep	215	0.0544	0.0395	0.00161	18.4	0.0467	90.8	0.000963	0.000963	0.0000049	0.00707	0.00149	0.0465	0.0239	0.00000513	36.6	0.0000256	0.000452	0.000371	0.00143	0.0675	0.0000116	1.78	11.9	0.0642	0.000792	7.35	0.0049	0.0453	0.000408	0.000339	0.000163	0.146	0.00000204	0.000192	0.000818	0.00186	1.93E-09
2085 Oct	215	0.0547	0.0397	0.00162	18.4	0.047	91.4	0.000961	0.000961	0.00000489	0.00707	0.00149	0.0468	0.0237	0.00000512	36.6	0.0000256	0.000451	0.000368	0.00143	0.067	0.0000116	1.78	11.9	0.0637	0.000798	7.34	0.00492	0.0451	0.000402	0.000339	0.000163	0.146	0.00000204	0.000193	0.000811	0.00186	1.9E-09
2085 Nov	214	0.055	0.0396	0.00162	18.4	0.047	91	0.00096	0.00096	0.00000488	0.00706	0.00148	0.0466	0.0236	0.00000511	36.4	0.0000255	0.000449	0.000366	0.00143	0.0666	0.0000116	1.77	11.9	0.0632	0.000798	7.32	0.0049	0.0451	0.000398	0.000337	0.000162	0.145	0.00000203	0.000193	0.000805	0.00185	1.87E-09
2085 Dec	214	0.055	0.0396	0.00162	18.4	0.047	91	0.00096	0.00096	0.00000488	0.00707	0.00148	0.0466	0.0236	0.00000511	36.4	0.0000255	0.000449	0.000365	0.00143	0.0666	0.0000116	1.77	11.9	0.0631	0.000798	7.32	0.0049	0.0451	0.000397	0.000336	0.000162	0.145	0.00000203	0.000193	0.000805	0.00185	1.87E-09
2086 Jan	214	0.055	0.0396	0.00162	18.4	0.047	90.9	0.00096	0.00096	0.00000488	0.00707	0.00148	0.0466	0.0236	0.00000511	36.4	0.0000255	0.000449	0.000365	0.00143	0.0666	0.0000116	1.77	11.9	0.0631	0.000798	7.32	0.0049	0.0451	0.000397	0.000336	0.000162	0.145	0.00000203	0.000193	0.000805	0.00185	1.87E-09
2086 Feb	214	0.0551	0.0396	0.00162	18.4	0.047	90.9	0.00096	0.00096	0.00000488	0.00707	0.00148	0.0466	0.0236	0.00000511	36.4	0.0000255	0.000449	0.000366	0.00143	0.0666	0.0000116	1.77	11.9	0.0632	0.000798	7.32	0.0049	0.0451	0.000398	0.000336	0.000162	0.145	0.00000203	0.000193	0.000805	0.00185	1.87E-09
2086 Mar	214	0.0551	0.0396	0.00162	18.4	0.047	90.9	0.00096	0.00096	0.00000488	0.00707	0.00148	0.0466	0.0236	0.00000511	36.4	0.0000255	0.000449	0.000366	0.00143	0.0667	0.0000116	1.77	11.9	0.0632	0.000798	7.32	0.0049	0.0451	0.000398	0.000336	0.000162	0.145	0.00000203	0.000193	0.000805	0.00185	1.87E-09
2086 Apr	214	0.0551	0.0396	0.00162	18.4	0.047	91	0.000961	0.000961	0.00000489	0.00707	0.00148	0.0466	0.0236	0.00000511	36.4	0.0000255	0.000449	0.000366	0.00143	0.0667	0.0000116	1.77	11.9	0.0632	0.000798	7.33	0.0049	0.0451	0.000398	0.000336	0.000162	0.145	0.00000204	0.000193	0.000806	0.00185	1.87E-09
2086 May	214	0.0553	0.0396	0.00162	18.4	0.047	90.8	0.000962	0.000962	0.00000489	0.00708	0.00149	0.0465	0.0237	0.00000512	36.5	0.0000255	0.00045	0.000368	0.00143	0.0671	0.0000116	1.78	11.9	0.0636	0.000797	7.34	0.0049	0.0452	0.000401	0.000337	0.000162	0.146	0.00000204	0.000193	0.00081	0.00185	1.86E-09
2086 Jun	205	0.0535	0.0389	0.0016	18.1	0.0452	86.1	0.000958	0.000958	0.00000487	0.00701	0.00147	0.0444	0.0237	0.00000509	35.5	0.0000252	0.00044	0.000366	0.0014	0.0671	0.0000114	1.75	11.4	0.0632	0.000757	7.21	0.0047	0.0449	0.000406	0.000331	0.000158	0.143	0.00000202	0.000185	0.000811	0.00185	1.64E-09
2086 Jul	207	0.053	0.0391	0.00161	18.1	0.0455	87.1	0.000961	0.000961	0.00000489	0.00703	0.00147	0.0449	0.0235	0.00000511	35.6	0.0000253	0.000441	0.000364	0.0014	0.0667	0.0000115	1.75	11.4	0.0628	0.000763	7.2	0.00475	0.0449	0.000401	0.000334	0.000158	0.143	0.00000203	0.000186	0.000808	0.00186	1.6E-09
2086 Aug	209	0.0529	0.039	0.00161	18.1	0.046	88.5	0.000963	0.000963	0.0000049	0.00705	0.00147	0.0455	0.0235	0.00000512	35.8	0.0000254	0.000444	0.000363	0.00141	0.0666	0.0000115	1.76	11.6	0.0629	0.000773	7.19	0.0048	0.045	0.000399	0.000336	0.00016	0.143	0.00000204	0.000188	0.000807	0.00186	1.59E-09
2086 Sep	212	0.053	0.0388	0.0016	18	0.0466	90	0.000961	0.000961	0.00000489	0.00704	0.00147	0.0462	0.0234	0.00000512	36.1	0.0000254	0.000446	0.000361	0.00142	0.0662	0.0000116	1.76	11.8	0.0625	0.000786	7.15	0.00486	0.0449	0.000394	0.000337	0.000161	0.144	0.00000204	0.000191	0.0008002	0.00186	1.57E-09
2086 Oct	213	0.0531	0.0387	0.0016	18	0.0469	91.1	0.000961	0.000961	0.00000489	0.00705	0.00148	0.0467	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000361	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000794	7.14	0.0049	0.0449	0.000392	0.000339	0.000161	0.144	0.00000204	0.000192	0.000801	0.00186	1.56E-09
2086 Nov	213	0.0532	0.0387	0.0016	18	0.0469	91.1	0.000961	0.000961	0.00000489	0.00706	0.00148	0.0468	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000361	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000794	7.14	0.0049	0.0449	0.000392	0.000339	0.000162	0.144	0.00000204	0.000192	0.000801	0.00186	1.56E-09
2086 Dec	213	0.0532	0.0387	0.0016	18	0.047	91.2	0.000961	0.000961	0.00000489	0.00706	0.00148	0.0468	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000361	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000795	7.14	0.0049	0.0449	0.000392	0.000339	0.000162	0.144	0.00000204	0.000192	0.000801	0.00186	1.56E-09
2087 Jan	213	0.0532	0.0387	0.0016	18	0.047	91.2	0.000961	0.000961	0.00000489	0.00706	0.00148	0.0468	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000361	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000795	7.14	0.0049	0.0449	0.000392	0.000339	0.000162	0.144	0.00000204	0.000192	0.000801	0.00186	1.56E-09
2087 Feb	213	0.0532	0.0387	0.0016	18	0.047	91.2	0.000961	0.000961	0.00000489	0.00706	0.00148	0.0468	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000361	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000795	7.14	0.0049	0.0449	0.000392	0.000339	0.000162	0.144	0.00000204	0.000192	0.000801	0.00186	1.56E-09
2087 Mar	213	0.0532	0.0387	0.0016	18	0.047	91.2	0.000961	0.000961	0.00000489	0.00706	0.00148	0.0468	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000361	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000795	7.14	0.0049	0.0449	0.000392	0.000339	0.000162	0.144	0.00000204	0.000192	0.000801	0.00186	1.56E-09
2087 Apr	213	0.0532	0.0387	0.0016	18	0.047	91.2	0.000961	0.000961	0.00000489	0.00706	0.00148	0.0468	0.0233	0.00000512	36.3	0.0000255	0.000448	0.000362	0.00142	0.0661	0.0000116	1.76	11.9	0.0626	0.000795	7.14	0.00491	0.045	0.000392	0.000339	0.000162	0.144	0.00000204	0.000193	0.000802	0.00186	1.56E-09
2087 May	212	0.0535	0.0386	0.0016	18.1	0.0465	89.7	0.000962	0.000962	0.00000489	0.00705	0.00148	0.0461	0.0237	0.00000512	36.2	0.0000254	0.000448	0.000367	0.00142	0.067	0.0000116	1.77	11.8	0.0634	0.000785	7.16	0.00485	0.0451	0.000402	0.000337	0.000161	0.145	0.00000204	0.00019	0.00081	0.00186	1.53E-09
2087 Jun	206	0.0542	0.0384	0.00158	18.3	0.045	85.5	0.000961	0.000961	0.00000488	0.00698	0.0015	0.0441	0.0246	0.0000051	36.1	0.0000251	0.000447	0.000382	0.00141	0.0694	0.0000114	1.78	11.4	0.0661	0.000753	7.22	0.0047	0.0454	0.000433	0.000331	0.00016	0.147	0.00000203	0.000184	0.000836	0.00185	1.39E-09
2087 Jul	208	0.0543	0.0386	0.00159	18.4	0.0454	86.9	0.000964	0.000964	0.0000049	0.00701	0.00151	0.0447	0.0247	0.00000512	36.4	0.0000253	0.000451	0.000384	0.00142	0.0696	0.0000115	1.8	11.5	0.0664	0.000762	7.24	0.00476	0.0456	0.000434	0.000334	0.000161	0.148	0.00000204	0.000187	0.00084	0.00186	1.39E-09
2087 Aug	211	0.0545	0.0388	0.0016	18.5	0.0458	88	0.000968	0.000968	0.00000492	0.00704	0.00151	0.0452	0.0248	0.00000514	36.7	0.0000254	0.000454	0.000386	0.00143	0.0699	0.0000116	1.81	11.7	0.0668	0.00077	7.27	0.00481	0.0458	0.000436	0.000337	0.000163	0.149	0.00000205	0.000188	0.0008044	0.00187	1.4E-09
2087 Sep	213	0.0546	0.0389	0.0016	18.5	0.0462	89.5	0.000969	0.000969	0.00000493	0.00706	0.00152	0.0459	0.0248	0.00000515	37	0.0000256	0.000458	0.000387	0.00144	0.07	0.0000117	1.81	11.8	0.067	0.000781	7.28	0.00487	0.0458	0.000436	0.00034	0.000164	0.149	0.00000205	0.000191	0.000846	0.00188	1.39E-09
2087 Oct	215	0.0547	0.0388	0.0016	18.5	0.0465	90.5	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0463	0.0248	0.00000515	37.2	0.0000257	0.000459	0.000387	0.00145	0.0698	0.0000117	1.82	11.9	0.067	0.000788	7.27	0.00491	0.0458	0.000434	0.000342	0.000165	0.15	0.00000205	0.000192	0.000846	0.00187	1.39E-09
2087 Nov	215	0.0548	0.0388	0.0016	18.4	0.0465	90.4	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0463	0.0247	0.00000515	37.2	0.0000257	0.000459	0.000386	0.00145	0.0698	0.0000117	1.81	11.9	0.0669	0.000788	7.26	0.00491	0.0458	0.000433	0.000341	0.000165	0.15	0.00000205	0.000192	0.000844	0.00187	1.39E-09
2087 Dec	215	0.0549	0.0388	0.0016	18.4	0.0465	90.5	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0463	0.0247	0.00000515	37.2	0.0000257	0.000459	0.000386	0.00145	0.0698	0.0000117	1.81	11.9	0.0669	0.000789	7.26	0.00491	0.0458	0.000433	0.000341	0.000165	0.15	0.00000205	0.000192	0.000844	0.00187	1.38E-09
2088 Jan	215	0.0549	0.0387	0.0016	18.4	0.0465	90.5	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0463	0.0247	0.00000515	37.2	0.0000257	0.000459	0.000386	0.00145	0.0698	0.0000117	1.81	11.9	0.0669	0.000789	7.26	0.00491	0.0458	0.000433	0.000341	0.000165	0.15	0.00000205	0.000192	0.000844	0.00187	1.38E-09
2088 Feb	215	0.0549	0.0387	0.0016	18.4	0.0465	90.5	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0463	0.0247	0.00000515	37.2	0.0000257	0.000459	0.000386	0.00145	0.0698	0.0000117	1.81	11.9	0.0669	0.000789	7.26	0.00491	0.0458	0.000433	0.000341	0.000165	0.15	0.00000205	0.000192	0.000844	0.00187	1.38E-09
2088 Mar	215	0.0549	0.0388	0.0016	18.4	0.0465	90.5	0.000967	0.000967	0.00000492	0.00707	0.00152	0.0463	0.0247	0.00000515	37.2	0.0000257	0.000459	0.000386	0.00145	0.0698	0.0000117	1.81	11.9	0.0669	0.000789	7.26	0.00491	0.0458	0.000433	0.000341	0.000165	0.15	0.00000205	0.000192	0.000844	0.00187	1.38E-09
2088 Apr	215	0.0549	0.0388	0.0016	18.5	0.0466	90.6	0.000968	0.000968	0.00000492	0.00708	0.00152	0.0464	0.0248	0.00000515	37.2	0.0000257	0.00046	0.000387	0.00145	0.0699	0.0000117	1.82	12	0.067	0.00079	7.27	0.00491	0.0459	0.000433	0.000342	0.000165	0.15	0.00000205	0.000192	0.000845	0.00188	1.39E-09
2088 May	215	0.0551	0.0389	0.0016	18.5	0.0467	90.8	0.00097	0.00097	0.00000493	0.0071	0.00153	0.0465	0.0248	0.00000516	37.3	0.0000258	0.0004601	0.000388	0.00145	0.07	0.0000117	1.82	12	0.0672	0.000792	7.28	0.00493	0.046	0.000434	0.000342	0.000165	0.15	0.00000205	0.000193	0.0008047	0.00188	1.39E-09
2088 Jun	210	0.0524	0.0375	0.00158	17.8	0.0458	88.6	0.000968	0.000968	0.00000492	0.0071	0.00149	0.0456	0.024	0.00000514	36.2	0.0000257	0.00045	0.000372	0.00142	0.0681	0.0000117	1.77	11.7	0.0644	0.00077	7.03	0.00482	0.0456	0.000413	0.000341	0.000161	0.145	0.00000205	0.000189	0.000828	0.00189	1.3E-09
2088 Jul	210	0.052	0.0375	0.00158	17.7	0.0459	88.6	0.000972	0.000972	0.00000494	0.00714	0.00149	0.0457	0.0238	0.00000517	36.2	0.0000259	0.00045	0.000369	0.00142	0.0679	0.0000117	1.77	11.7	0.0641	0.000769	7.01	0.00482	0.0458	0.00041	0.000342	0.000161	0.145	0.00000206	0.000189	0.000827	0.0019	1.28E-09
2088 Aug	213	0.0523	0.0378	0.00159	17.9	0.0463	89.7	0.000979	0.000979	0.00000498	0.00719	0.0015	0.0462	0.024	0.0000052	36.5	0.0000261	0.000454	0.000372	0.00143	0.0683	0.0000118	1.79	11.8	0.0645	0.000778	7.05	0.00487	0.0461	0.000412	0.000345	0.000162	0.146	0.00000207	0.000191	0.0008033	0.00192	1.29E-09
2088 Sep	215	0.0524	0.0379	0.0016	17.9	0.0467	91	0.00098	0.00098	0.00000498	0.0072	0.00151	0.0468	0.024	0.00000521	36.8	0.0000262	0.000457	0.000373	0.00144	0.0684	0.0000119	1.79	11.9	0.0647	0.000787	7.06	0.00492	0.0461	0.000412	0.000348	0.000164	0.147	0.00000207	0.000193	0.000835	0.00192	1.29E-09
2088 Oct	215	0.053	0.0374	0.00159	17.8	0.0468	91	0.000976	0.000976	0.00000496	0.0072	0.0015	0.0467	0.0238	0.00000519	36.6	0.0000261	0.000455	0.000369	0.00143	0.0678	0.0000118	1.78	11.9	0.064	0.000791	7	0.00491	0.046	0.000405	0.000345	0.000163	0.146	0.00000206	0.000193	0.000825	0.00191	1.26E-09
2088 Nov	214	0.0534	0.0372	0.00158	17.7	0.0468	90.5	0.000975	0.000975	0.00000496	0.00721	0.0015	0.0466	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000367	0.00143	0.0676	0.0000118	1.78	11.9	0.0636	0.00079	6.98	0.00489	0.0461	0.000402	0.000343	0.000162	0.146	0.00000206	0.000192	0.000821	0.0019	1.26E-09
2088 Dec	214	0.0534	0.0372	0.00158	17.7	0.0468	90.5	0.000975	0.000975	0.00000496	0.00721	0.0015	0.0466	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000367	0.00143	0.0676	0.0000118	1.78	11.9	0.0636	0.00079	6.98	0.00489	0.0461	0.000402	0.000343	0.000162	0.146	0.00000206	0.000192	0.000821	0.0019	1.25E-09
2089 Jan	214	0.0535	0.0372	0.00158	17.7	0.0468	90.5	0.000975	0.000975	0.00000496	0.00721	0.0015	0.0466	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000367	0.00143	0.0676	0.0000118	1.78	11.9	0.0636	0.00079	6.98	0.00489	0.0461	0.000402	0.000343	0.000162	0.146	0.00000206	0.000192	0.000821	0.0019	1.25E-09
2089 Feb	214	0.0535	0.0372	0.00158	17.7	0.0468	90.5	0.000975	0.000975	0.00000496	0.00721	0.0015	0.0466	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000367	0.00143	0.0676	0.0000118	1.78	11.9	0.0636	0.00079	6.98	0.00489	0.0461	0.000402	0.000343	0.000162	0.146	0.00000206	0.000192	0.000821	0.0019	1.25E-09
2089 Mar	214	0.0535	0.0372	0.00158	17.7	0.0468	90.5	0.000975	0.000975	0.00000496	0.00721	0.0015	0.0466	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000367	0.00143	0.0677	0.0000118	1.78	11.9	0.0636	0.00079	6.98	0.00489	0.0461	0.000402	0.000343	0.000162	0.146	0.00000206	0.000192	0.000821	0.0019	1.25E-09
2089 Apr	214	0.0535	0.0372	0.00158	17.7	0.0469	90.6	0.000976	0.000976	0.00000496	0.00722	0.0015	0.0466	0.0238	0.00000519	36.5	0.0000026	0.000453	0.000368	0.00143	0.0677	0.0000118	1.78	11.9	0.0637	0.000791	6.98	0.0049	0.0462	0.000403	0.000344	0.000162	0.146	0.00000207	0.000193	0.000822	0.00191	1.26E-09
2089 May	212	0.0539	0.0371	0.00158	17.8	0.0463	88.9	0.000977	0.000977	0.00000497	0.00721	0.00151	0.0458	0.0242	0.00000519	36.5	0.0000259	0.000453	0.000374	0.00143	0.0688	0.0000118	1.79	11.7	0.0647	0.000778	7.01	0.00483	0.0464	0.000415	0.000341	0.000162	0.147	0.

Appendix D.2-22: PUM01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	800	0.413	1.5	0.0274	244	0.0586	148	0.000415	0.000415	0.00000388	0.00794	0.00252	0.0749	0.0122	0.00000529	31	0.0000354	0.000447	0.000197	0.00152	0.0367	0.0000143	2.67	12.6	0.0526	0.00145	131	0.00772	0.0292	0.0000315	0.00055	0.000206	0.236	0.00000625	0.00033	0.000692	0.00236	0.000049
Operation (2026-2036): Mean	3820	1.61	6.62	0.101	1540	0.19	628	0.000861	0.000861	0.00000873	0.0123	0.00794	0.313	0.034	0.0000877	131	0.0000761	0.00166	0.000618	0.00439	0.0486	0.000029	5.84	65.9	0.146	0.00576	975	0.0276	0.0426	0.000126	0.00159	0.000699	0.581	0.0000208	0.00116	0.00295	0.00334	0.000196
Operation (2026-2036): Max	9240	3.64	16.1	0.232	4260	0.39	1390	0.00165	0.00165	0.0000288	0.019	0.0347	0.646	0.122	0.000498	293	0.000146	0.00322	0.0011	0.00883	0.0864	0.0000541	10.6	155	0.272	0.01	2750	0.0606	0.0547	0.000546	0.00303	0.00146	1.07	0.0000569	0.00225	0.0113	0.00541	0.000477
2092 Jun	200	0.0561	0.0356	0.00153	17.8	0.0453	83.6	0.000958	0.000958	0.00000487	0.00697	0.0015	0.0434	0.0248	0.00000508	35.9	0.0000245	0.000444	0.000382	0.00141	0.0695	0.0000114	1.78	11.2	0.0656	0.000755	6.83	0.00462	0.0458	0.000431	0.00032	0.000158	0.147	0.00000202	0.000182	0.000822	0.00181	5.68E-10
2092 Jul	204	0.0556	0.0358	0.00154	17.7	0.0461	86.7	0.000957	0.000957	0.00000486	0.00698	0.00151	0.0448	0.0246	0.00000508	36.4	0.0000248	0.000449	0.00038	0.00142	0.069	0.0000115	1.79	11.5	0.0656	0.000774	6.82	0.00474	0.0456	0.000426	0.000327	0.00016	0.147	0.00000202	0.000187	0.000821	0.00182	5.55E-10
2092 Aug	207	0.0557	0.036	0.00155	17.8	0.0466	88.4	0.000961	0.000961	0.00000489	0.00702	0.00152	0.0456	0.0247	0.00000511	36.8	0.0000251	0.000454	0.000382	0.00143	0.0693	0.0000116	1.8	11.7	0.066	0.000787	6.84	0.00482	0.0458	0.000426	0.000331	0.000162	0.149	0.00000203	0.00019	0.000826	0.00183	5.56E-10
2092 Sep	212	0.0557	0.036	0.00154	17.8	0.0475	91.6	0.000959	0.000959	0.00000488	0.00704	0.00152	0.047	0.0246	0.00000511	37.5	0.0000253	0.000461	0.000383	0.00145	0.0691	0.0000117	1.81	12.1	0.0663	0.000808	6.83	0.00495	0.0458	0.000424	0.000336	0.000165	0.15	0.00000203	0.000194	0.000828	0.00184	5.53E-10
2092 Oct	214	0.0558	0.0359	0.00154	17.7	0.048	93.3	0.000958	0.000958	0.00000487	0.00704	0.00153	0.0478	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146	0.0689	0.0000118	1.82	12.3	0.0664	0.00082	6.81	0.00502	0.0457	0.000422	0.000339	0.000167	0.151	0.00000203	0.000197	0.000828	0.00184	5.5E-10
2092 Nov	215	0.0559	0.0358	0.00154	17.7	0.048	93.5	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0479	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000382	0.00146	0.0689	0.0000118	1.82	12.3	0.0663	0.000822	6.8	0.00502	0.0457	0.000421	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	5.48E-10
2092 Dec	215	0.056	0.0358	0.00154	17.7	0.048	93.5	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0479	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000382	0.00146	0.0689	0.0000118	1.82	12.3	0.0663	0.000822	6.8	0.00502	0.0457	0.000421	0.000339	0.000167	0.151	0.00000203	0.000197	0.000826	0.00184	5.48E-10
2093 Jan	215	0.056	0.0358	0.00154	17.7	0.048	93.5	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0479	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000382	0.00146	0.0689	0.0000118	1.82	12.3	0.0663	0.000822	6.8	0.00502	0.0457	0.000421	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	5.48E-10
2093 Feb	215	0.056	0.0358	0.00154	17.7	0.048	93.5	0.000958	0.000958	0.00000487	0.00705	0.00153	0.0479	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146	0.0689	0.0000118	1.82	12.3	0.0663	0.000822	6.8	0.00502	0.0457	0.000421	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	5.48E-10
2093 Mar	215	0.056	0.0358	0.00154	17.7	0.0481	93.5	0.000958	0.000958	0.00000488	0.00705	0.00153	0.0479	0.0246	0.00000511	37.8	0.0000254	0.000464	0.000383	0.00146	0.0689	0.0000118	1.82	12.3	0.0663	0.000822	6.81	0.00502	0.0458	0.000421	0.000339	0.000167	0.151	0.00000203	0.000197	0.000827	0.00184	5.48E-10
2093 Apr	215	0.056	0.0358	0.00154	17.7	0.0481	93.6	0.000959	0.000959	0.00000488	0.00706	0.00153	0.0479	0.0246	0.00000511	37.9	0.0000254	0.000465	0.000383	0.00146	0.069	0.0000118	1.82	12.3	0.0664	0.000823	6.81	0.00503	0.0458	0.000422	0.00034	0.000167	0.151	0.00000203	0.000197	0.000828	0.00184	5.49E-10
2093 May	214	0.0562	0.0358	0.00154	17.8	0.0479	93.1	0.00096	0.00096	0.00000489	0.00706	0.00154	0.0477	0.0248	0.00000512	37.9	0.0000254	0.000465	0.000386	0.00146	0.0695	0.0000118	1.83	12.3	0.0669	0.000819	6.83	0.00501	0.0459	0.000427	0.00034	0.000167	0.151	0.00000204	0.000197	0.000834	0.00185	5.43E-10
2093 Jun	210	0.056	0.0359	0.00153	17.9	0.0466	90	0.000957	0.000957	0.00000486	0.007	0.00154	0.0462	0.0253	0.00000509	37.6	0.0000252	0.000463	0.000395	0.00145	0.0709	0.0000116	1.83	12	0.0685	0.000793	6.86	0.0049	0.0459	0.000447	0.000336	0.000166	0.152	0.00000203	0.000192	0.000851	0.00184	4.9E-10
2093 Jul	213	0.0561	0.0361	0.00154	18	0.0471	91.8	0.00096	0.00096	0.00000488	0.00703	0.00155	0.047	0.0254	0.00000511	38	0.0000255	0.000468	0.000397	0.00146	0.071	0.0000117	1.84	12.2	0.0689	0.000805	6.89	0.00498	0.046	0.000448	0.00034	0.000168	0.153	0.00000203	0.000195	0.000855	0.00185	4.89E-10
2093 Aug	215	0.0562	0.0363	0.00155	18.1	0.0476	93.2	0.000963	0.000963	0.0000049	0.00706	0.00156	0.0477	0.0254	0.00000513	38.4	0.0000256	0.000471	0.000399	0.00147	0.0712	0.0000118	1.85	12.4	0.0692	0.000815	6.91	0.00504	0.0462	0.000448	0.000344	0.000169	0.154	0.00000204	0.000197	0.000858	0.00186	4.89E-10
2093 Sep	219	0.0563	0.0363	0.00155	18	0.0482	95.1	0.000962	0.000962	0.0000049	0.00707	0.00156	0.0486	0.0254	0.00000514	38.7	0.0000258	0.000475	0.000399	0.00149	0.0711	0.0000119	1.86	12.6	0.0693	0.000829	6.9	0.00511	0.0462	0.000446	0.000347	0.000171	0.155	0.00000204	0.0002	0.000859	0.00186	4.87E-10
2093 Oct	218	0.0572	0.0358	0.00154	17.9	0.0484	94.9	0.000958	0.000958	0.00000487	0.00708	0.00155	0.0484	0.025	0.00000515	38.4	0.0000256	0.000471	0.000392	0.00148	0.0701	0.0000118	1.84	12.5	0.0679	0.000833	6.83	0.00509	0.0461	0.000434	0.000342	0.000169	0.153	0.00000203	0.0002	0.000842	0.00184	4.71E-10
2093 Nov	216	0.0577	0.0357	0.00154	17.8	0.0483	94	0.000957	0.000957	0.00000487	0.00708	0.00154	0.0481	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000388	0.00147	0.0696	0.0000118	1.83	12.4	0.0671	0.000831	6.81	0.00505	0.046	0.000427	0.000339	0.000168	0.152	0.00000203	0.000199	0.000833	0.00183	4.63E-10
2093 Dec	216	0.0578	0.0357	0.00154	17.8	0.0483	94	0.000957	0.000957	0.00000487	0.00708	0.00154	0.0481	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000387	0.00147	0.0696	0.0000118	1.83	12.4	0.0671	0.000831	6.81	0.00505	0.0461	0.000427	0.000339	0.000168	0.152	0.00000203	0.000199	0.000832	0.00183	4.63E-10
2094 Jan	216	0.0578	0.0357	0.00154	17.8	0.0484	94	0.000957	0.000957	0.00000487	0.00708	0.00154	0.0481	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000388	0.00147	0.0696	0.0000118	1.83	12.4	0.0671	0.000831	6.81	0.00505	0.0461	0.000427	0.000339	0.000168	0.152	0.00000203	0.000199	0.000832	0.00183	4.63E-10
2094 Feb	216	0.0578	0.0357	0.00154	17.8	0.0484	94	0.000957	0.000957	0.00000487	0.00708	0.00154	0.0481	0.0249	0.00000511	38.1	0.0000255	0.000467	0.000388	0.00147	0.0696	0.0000118	1.83	12.4	0.0671	0.000831	6.81	0.00505	0.0461	0.000427	0.000339	0.000168	0.152	0.00000203	0.000199	0.000832	0.00183	4.63E-10
2094 Mar	216	0.0578	0.0357	0.00154	17.9	0.0484	94	0.000957	0.000957	0.00000487	0.00708	0.00154	0.0481	0.0249	0.00000511	38.2	0.0000255	0.000467	0.000388	0.00147	0.0696	0.0000118	1.83	12.4	0.0671	0.000831	6.81	0.00505	0.0461	0.000427	0.000339	0.000168	0.152	0.00000203	0.000199	0.000833	0.00183	4.63E-10
2094 Apr	216	0.0579	0.0357	0.00154	17.9	0.0484	94	0.000958	0.000958	0.00000487	0.00708	0.00154	0.0481	0.0249	0.00000511	38.2	0.0000255	0.000467	0.000388	0.00147	0.0697	0.0000118	1.83	12.4	0.0671	0.000831	6.82	0.00505	0.0461	0.000428	0.000339	0.000168	0.152	0.00000203	0.000199	0.000833	0.00183	4.63E-10
2094 May	214	0.058	0.0358	0.00154	18	0.0479	92.6	0.000958	0.000958	0.00000488	0.00707	0.00155	0.0474	0.0252	0.00000511	38.1	0.0000254	0.000467	0.000393	0.00147	0.0705	0.0000117	1.84	12.3	0.0679	0.00082	6.85	0.005	0.0462	0.000437	0.000337	0.000167	0.153	0.00000203	0.000197	0.000841	0.00183	4.51E-10
2094 Jun	214	0.0583	0.036	0.00153	18.2	0.0475	92.4	0.000957	0.000957	0.00000487	0.00704	0.00156	0.0473	0.0258	0.0000051	38.5	0.0000255	0.000472	0.000405	0.00148	0.0721	0.0000117	1.86	12.3	0.0701	0.000815	6.92	0.00501	0.0464	0.000458	0.000339	0.000169	0.155	0.00000203	0.000196	0.000863	0.00184	4.18E-10
2094 Jul	219	0.0586	0.0362	0.00154	18.3	0.0484	95.4	0.000963	0.000963	0.0000049	0.0071	0.00158	0.0486	0.026	0.00000514	39.3	0.0000259	0.00048	0.000409	0.0015	0.0725	0.0000119	1.88	12.7	0.0709	0.000836	6.96	0.00514	0.0466	0.00046	0.000346	0.000173	0.157	0.00000204	0.000201	0.000872	0.00185	4.19E-10
2094 Aug	222	0.059	0.0365	0.00155	18.4	0.0491	97.5	0.000968	0.000968	0.00000493	0.00716	0.0016	0.0496	0.0261	0.00000518	39.8	0.0000262	0.000487	0.000412	0.00152	0.073	0.0000012	1.9	12.9	0.0716	0.000851	7	0.00523	0.0469	0.000463	0.000351	0.000175	0.158	0.00000206	0.000205	0.000888	0.00187	4.22E-10
2094 Sep	226	0.0591	0.0364	0.00155	18.4	0.0497	99.7	0.000967	0.000967	0.00000493	0.00717	0.0016	0.0506	0.0261	0.00000518	40.2	0.0000263	0.000491	0.000412	0.00153	0.0728	0.0000121	1.91	13.2	0.0717	0.000867	6.99	0.00532	0.0469	0.00046	0.000355	0.000177	0.16	0.00000206	0.000208	0.00088	0.00187	4.19E-10
2094 Oct	226	0.0597	0.036	0.00154	18.2	0.05	100	0.000963	0.000963	0.00000491	0.00718	0.0016	0.0508	0.0258	0.00000516	40.2	0.0000263	0.00049	0.000408	0.00153	0.0721	0.0000121	1.9	13.2	0.0709	0.000874	6.92	0.00533	0.0469	0.000452	0.000353	0.000177	0.159	0.00000205	0.000209	0.00087	0.00186	4.11E-10
2094 Nov	225	0.0603	0.0355	0.00153	18.1	0.05	99.3	0.000961	0.000961	0.00000489	0.00718	0.00158	0.0505	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152	0.0715	0.0000012	1.88	13.1	0.0698	0.000872	6.87	0.00528	0.0468	0.000443	0.000349	0.000175	0.158	0.00000205	0.000208	0.000858	0.00185	4.03E-10
2094 Dec	224	0.0605	0.0354	0.00153	18.1	0.05	99	0.00096	0.00096	0.00000489	0.00719	0.00158	0.0504	0.0256	0.00000514	39.8	0.0000261	0.000484	0.000402	0.00152	0.0714	0.0000012	1.88	13	0.0696	0.000872	6.86	0.00527	0.0469	0.000442	0.000348	0.000174	0.158	0.00000204	0.000207	0.000855	0.00184	4.01E-10
2095 Jan	224	0.0605	0.0354	0.00153	18.1	0.05	99	0.00096	0.00096	0.00000489	0.00719	0.00158	0.0504	0.0256	0.00000514	39.8	0.0000261	0.000484	0.000402	0.00152	0.0714	0.0000012	1.88	13	0.0696	0.000872	6.86	0.00527	0.0469	0.000442	0.000348	0.000174	0.158	0.00000204	0.000207	0.000855	0.00184	4.01E-10
2095 Feb	224	0.0605	0.0354	0.00153	18.1	0.05	99	0.00096	0.00096	0.00000489	0.00719	0.00158	0.0504	0.0256	0.00000514	39.8	0.0000261	0.000484	0.000402	0.00152	0.0714	0.0000012	1.88	13	0.0697	0.000872	6.86	0.00527	0.0469	0.000442	0.000348	0.000174	0.158	0.00000204	0.000207	0.000856	0.00184	4.01E-10
2095 Mar	224	0.0605	0.0354	0.00153	18.1	0.05	99	0.000961	0.000961	0.00000489	0.00719	0.00158	0.0504	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152	0.0714	0.0000012	1.88	13	0.0697	0.000872	6.86	0.00527	0.0469	0.000442	0.000348	0.000174	0.158	0.00000204	0.000207	0.000856	0.00184	4.01E-10
2095 Apr	224	0.0606	0.0355	0.00153	18.1	0.05	99.1	0.000961	0.000961	0.0000049	0.00719	0.00158	0.0504	0.0256	0.00000514	39.8	0.0000261	0.000485	0.000402	0.00152	0.0715	0.0000012	1.88	13	0.0697	0.000872	6.86	0.00527	0.0469	0.000442	0.000348	0.000174	0.158	0.00000205	0.000207	0.000857	0.00185	4.01E-10
2095 May	223	0.0607	0.0356	0.00153	18.2	0.0496	97.9	0.000962	0.000962	0.0000049	0.00718	0.00159	0.0498	0.0258	0.00000514	39.7	0.0000261	0.000484	0.000405	0.00152	0.072	0.0000012	1.89	12.9	0.0702	0.000863	6.89	0.00523	0.047	0.000448	0.000346	0.000174	0.158	0.00000205	0.000206	0.000861	0.00184	3.94E-10
2095 Jun	225	0.0608	0.0358	0.00153	18.3	0.0497	99	0.000962	0.000962	0.0000049	0.00718	0.0016	0.0503	0.0261	0.00000515	40.2	0.0000262	0.000489	0.000412	0.00153	0.0728	0.0000012	1.9	13.1	0.0715	0.000869	6.94	0.00528	0.0471	0.000458	0.000355	0.000176	0.16	0.00000205	0.000207	0.000874	0.00185	3.79E-10
2095 Jul	228	0.0611	0.036	0.00154	18.4	0.0504	101	0.000968	0.000968	0.00000493	0.00723	0.00161	0.0513	0.0263	0.00000519	40.7	0.0000265	0.000495	0.000415	0.00155	0.0732	0.0000122	1.92	13.3	0.0721	0.000884	6.97	0.00538	0.0473	0.000461	0.000355	0.000178	0.161	0.00000206	0.000211	0.000882	0.00187	3.81E-10
2095 Aug	231	0.061	0.0361	0.00155	18.4	0.0508	102	0.000967	0.000967	0.00000493	0.00724	0.00162	0.0518	0.0262	0.00000519	40.9	0.0000265	0.000497	0.000415	0.00155	0.0731	0.0000122	1.93	13.5	0.0722	0.000893	6.96	0.00543	0.0473	0.000459	0.000357	0.00018	0.162	0.00000206	0.000213	0.000881	0.00187	3.79E-10
2095 Sep	234	0.061	0.036	0.00154	18.4	0.0513	104	0.000966	0.000966	0.00000493	0.00724	0.00162	0.0526	0.0262	0.00000519	41.2	0.0000266	0.000501	0.000414	0.00156	0.0728	0.0000123	1.93	13.7	0.0722	0.000905	6.95	0.0055	0.0472	0.000456	0.0036	0.000181	0.162	0.00000206	0.000215	0.00088	0.00187	3.77E-10
2095 Oct	236	0.0611	0.036	0.00154	18.4	0.0516	105	0.000966	0.000966	0.00000492	0.00725	0.00162	0.0531	0.0261	0.00000519	41.5	0.0000267	0.000503	0.000414	0.00157	0.0728	0.0000123	1.93	13.8	0.0723	0.000913	6.94	0.00554	0.0472	0.000455	0.000362	0.000182	0.163	0.00000206	0.000217	0.000881	0.00187	3.76E-10
2095 Nov	236	0.0612	0.0359	0.00154	18.3	0.0517	105	0.000964	0.000964	0.00000492	0.00725	0.00162	0.0531	0.0261	0.00000518	41.4	0.0000267	0.000502	0.000413	0.00157	0.0726	0.0000123	1.93	13.8	0.072	0.000914	6.92	0.00554	0.0472	0.000453	0.000361	0.000182	0.163	0.00000206	0.000217	0.000877	0.00187	3.73E-10
2095 Dec	235	0.0614	0.0358	0.00154	18.3	0.0517	105	0.000964	0.000964	0.00000492	0.00725	0.00162	0.053	0.026	0.00000518	41.3	0.0000267	0.000501	0.000412	0.00156	0.0725	0.0000123	1.93	13.8	0.0718	0.000913	6.91	0.00553	0.0472	0.000451	0.000361	0.000181	0.162	0.00000206	0.000217	0.000875	0.00187	3.72E-10
2096 Jan	235	0.0614	0.0358	0.00154	18.3	0.0517	105	0.000964	0.000964	0.00000492	0.00725	0.00162	0.053	0.026	0.00000518	41.3	0.0000267	0.000501	0.000412	0.00156	0.0725	0.0000123	1.93	13.8	0.0718	0.000913	6.91	0.00553	0.0472	0.000451	0.0036	0.000181	0.162	0.00000206	0.000217	0.000875	0.00187	3.72E-10
2096 Feb	235	0.0614	0.0358	0.00154	18.3	0.0517	105	0.000965	0.000965	0.00000492	0.00725	0.00162	0.053	0.026	0.00000518	41.4	0.0000267	0.000501	0.000412	0.00156	0.0725	0.0000123	1.93	13.8	0.0718	0.000914	6.91	0.00553	0.0472	0.000451	0.000361	0.000181	0.162	0.00000206	0.000217	0.000875	0.00187	3.72E-10
2096 Mar	235	0.0614	0.0358	0.00154	18.3	0.0517	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.053	0.026	0.00000518	41.4	0.0000267	0.000501	0.000412	0.00157	0.0725	0.0000123	1.93	13.8	0.0718	0.000914	6.92	0.00553	0.0473	0.000452	0.000361	0.000181	0.162	0.00000206	0.000217	0.000876	0.00187	3.72E-10
2096 Apr	235	0.0615	0.0358	0.00154	18.3	0.0517	105	0.000965	0.000965	0.00000492	0.00726	0.00162	0.053	0.0261	0.00000519	41.4	0.0000267	0.000502	0.000413	0.00157	0.0726	0.0000123	1.93	13.8	0.0719	0.000914	6.92	0.00553	0.0473	0.000452	0.000361	0.000181	0.163	0.00000206	0.000217	0.000876	0.00187	3.72E-10
2096 May	235	0.0616	0.0358	0.00154	18.4	0.0516	105	0.000966	0.000966	0.00000493	0.00726	0.00163	0.053	0.0262	0.00000519	41.5	0.0000267	0.000503	0.000415	0.00157	0.0729	0.0000123	1.94	13.8	0.0723	0.000913	6.94	0.00553	0.0474	0.000456	0.000361	0.000182	0.163	0.00000206	0.000217	0.000881	0.00187	3.69E-10
2096 Jun	224	0.0575	0.0352	0.00153	17.7	0.0496	99.9	0.000958	0.000958	0.00000488	0.00717	0.00157	0.0508	0.0252	0.00000513	39.6	0.0000264	0.000485	0.000397	0.00151	0.0706	0.0000012	1.87	13.1	0.0692	0.000866	6.72	0.00531	0.0464	0.000436	0.000355	0.000175	0.156	0.00000204	0.000208	0.000858	0.00187	3.18E-10
2096 Jul	228	0.057	0.0355	0.00154	17.7	0.0503	103	0.00096	0.00096	0.00000489	0.0072	0.00157	0.0522	0.025	0.00000515	40.1	0.0000267	0.000499	0.000395	0.00152	0.0701	0.0000122	1.88	13.4	0.0691	0.000884	6.72	0.00543	0.0463	0.000431	0.000362	0.000177	0.157	0.00000205	0.000212	0.000859	0.00189	3.12E-10
2096 Aug	231	0.0573	0.0357	0.00155	17.8	0.0508	104	0.000965	0.000965	0.00000492	0.00725	0.00159	0.0528	0.0251	0.00000518	40.5	0.0000269	0.000494	0.000398	0.00154	0.0705	0.0000122	1.89	13.6	0.0696	0.000894	6.75	0.00549	0.0465	0.000433	0.000366	0.000179	0.158	0.00000206	0.000214	0.000865	0.0019	3.13E-10
2096 Sep	233	0.0577	0.0355	0.00154	17.7	0.0513	106	0.000963	0.000963	0.00000491	0.00726	0.00159	0.0534	0.025	0.00000518	40.7	0.000027	0.000496	0.000396	0.00154	0.0701	0.0000123	1.89	13.7	0.0693	0.000906	6.72	0.00554	0.0465	0.000428	0.000367	0.00018	0.158	0.00000206	0.000217	0.00086	0.0019	3.09E-10
2096 Oct	233	0.0586	0.035	0.00153	17.5	0.0516	106	0.000959	0.000959	0.00000489	0.00727	0.00158	0.0535	0.0247	0.00000516	40.5	0.0000269	0.000493	0.00039	0.00154	0.0692	0.0000123	1.88	13.7	0.068	0.000912	6.64	0.00553	0.0465	0.000417	0.000363	0.000178	0.157	0.00000205	0.000217	0.000845	0.00188	3E-10
2096 Nov	232	0.0587	0.035	0.00153	17.5	0.0516	106	0.000958	0.000958	0.00000489	0.00727	0.00157	0.0534	0.0246	0.00000515	40.4	0.0000268	0.000492	0.000389	0.00154	0.0691	0.0000122	1.87	13.7	0.0678	0.000912	6.64	0.00552	0.0464	0.000415	0.000362	0.000178	0.157	0.00000205	0.000217	0.000843	0.00188	2.99E-10
2096 Dec	232	0.0

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.0699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
Active Closure (2037-2043): Min	24.2	0.00552	0.00514	0.001	7.7	0.0255	3.04	0.000782	0.000782	0.00000401	0.00258	0.000239	0.00312	0.00736	0.00000483	6.6	0.00000506	0.0000999	0.0000648	0.000805	0.0151	0.000000759	0.815	1.04	0.00346	0.000071	4.04	0.000544	0.00463	0.0000532	0.0000209	0.0000404	0.027	0.00000189	0.0000153	0.0000786	0.000803	0.00916
Active Closure (2037-2043): Mean	147	0.0496	0.094	0.00369	33.1	0.0364	77.3	0.000954	0.000954	0.00000498	0.00347	0.000568	0.0243	0.00866	0.00000502	15.2	0.000127	0.000126	0.00014	0.00114	0.0175	0.00000373	1.32	5.15	0.0176	0.000576	13.4	0.00341	0.00787	0.0000629	0.000178	0.000111	0.0782	0.00000201	0.000119	0.000217	0.00108	0.00916
Active Closure (2037-2043): Max	1460	2.18	2.34	0.0855	983	0.0642	291	0.00113	0.00113	0.000021	0.00515	0.00181	0.082	0.0157	0.0000071	54.2	0.0000345	0.000345	0.000382	0.00228	0.0339	0.00000121	14.6	17.1	0.0669	0.00348	450	0.012	0.0149	0.000211	0.000825	0.000318	1.26	0.00000355	0.000423	0.000714	0.00206	0.00916
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	99.3	0.0192	0.049	0.00221	16.5	0.0337	55.8	0.000967	0.000967	0.00000485	0.00338	0.000475	0.0186	0.00834	0.000005	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.98	0.0132	0.000411	6.52	0.00257	0.00789	0.0000535	0.000129	0.0000899	0.0545	0.00000199	0.0000909	0.000171	0.00101	
Post Closure (2044-2099): Mean	113	0.0339	0.0546	0.00235	17.2	0.0365	61.2	0.000991	0.000991	0.00000497	0.00467	0.000763	0.0218	0.0121	0.00000514	16.1	0.0000144	0.000163	0.000169	0.00111	0.0298	0.00000581	1.23	4.59	0.0229	0.000506	6.59	0.00298	0.0207	0.000117	0.000171	0.000102	0.0736	0.00000205	0.000112	0.000306	0.00126	
Post Closure (2044-2099): Max	125	0.0488	0.0593	0.00247	18.2	0.0393	65.5	0.00102	0.00102	0.00000512	0.00576	0.00103	0.0244	0.016	0.00000529	19.7	0.0000174	0.000216	0.000218	0.0012	0.0423	0.00000812	1.38	5.15	0.0324	0.000593	6.7	0.00332	0.0319	0.000182	0.000202	0.000113	0.0922	0.00000211	0.000131	0.000426	0.00145	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2099)																																					
2026 Jan	1170	0.489	1.47	0.0426	464	0.105	444	0.000641	0.000641	0.00000773	0.0082	0.00882	0.181	0.0258	0.0000311	58.8	0.0000541	0.00105	0.000691	0.00344	0.0331	0.0000197	4.66	26.1	0.118	0.0061	170	0.0205	0.0391	0.000121	0.00128	0.000451	0.558	0.00000313	0.00148	0.00213	0.00325	0.000871
2026 Feb	1170	0.489	1.47	0.0425	463	0.105	444	0.000641	0.000641	0.00000773	0.0082	0.00881	0.181	0.0259	0.0000311	58.8	0.000054	0.00105	0.000691	0.00344	0.0332	0.0000197	4.66	26.1	0.118	0.0061	170	0.0205	0.0392	0.000122	0.00128	0.000451	0.558	0.00000313	0.00148	0.00213	0.00325	0.00087
2026 Mar	1170	0.489	1.47	0.0425	463	0.105	444	0.000641	0.000641	0.00000773	0.0082	0.0114	0.181	0.0259	0.0000311	58.8	0.000054	0.00105	0.000692	0.00344	0.0333	0.0000197	4.66	26.1	0.118	0.0061	170	0.0205	0.0392	0.000122	0.00128	0.000451	0.558	0.00000313	0.00148	0.00213	0.00325	0.00087
2026 Apr	1180	0.49	1.47	0.0426	464	0.105	445	0.000643	0.000643	0.00000774	0.00822	0.0235	0.181	0.026	0.0000312	58.9	0.0000541	0.00105	0.000694	0.00344	0.0334	0.0000197	4.67	26.1	0.118	0.00611	170	0.0206	0.0393	0.000123	0.00128	0.000452	0.559	0.00000314	0.00148	0.00213	0.00325	0.000872
2026 May	1190	0.495	1.49	0.0431	469	0.106	450	0.000647	0.000647	0.00000782	0.00829	0.026	0.183	0.0262	0.0000315	59.6	0.0000547	0.00106	0.000701	0.00348	0.0337	0.0000199	4.72	26.4	0.12	0.00617	172	0.0208	0.0396	0.000124	0.00129	0.000457	0.565	0.00000317	0.0015	0.00216	0.00329	0.000881
2026 Jun	5270	6.3	52.2	0.5	2270	0.207	1250	0.00041	0.00041	0.00000823	0.00954	0.0119	0.388	0.0282	0.0000392	212	0.0000911	0.00651	0.00102	0.00585	0.0256	0.0000339	63.6	110	0.208	0.0102	1300	0.0438	0.0279	0.000119	0.00193	0.00101	0.826	0.00000403	0.00256	0.00318	0.00482	0.0212
2026 Jul	6700	8.26	69.1	0.655	2900	0.249	1550	0.000315	0.000315	0.00000864	0.0101	0.013	0.469	0.0304	0.0000438	266	0.000105	0.00838	0.00117	0.00687	0.0231	0.0000393	83.4	140	0.245	0.012	1690	0.0529	0.0245	0.000119	0.00221	0.00123	0.953	0.00000443	0.00302	0.00363	0.00539	0.028
2026 Aug	9740	13.1	112	1.03	4260	0.314	2050	0.000267	0.000267	0.00000829	0.0108	0.0151	0.58	0.0312	0.000042	381	0.000118	0.0128	0.00126	0.00796	0.0247	0.0000473	133	202	0.282	0.0135	2600	0.0648	0.0223	0.000115	0.00227	0.00154	1.01	0.00000484	0.00343	0.00382	0.00583	0.0451
2026 Sep	11600	16.1	139	1.26	5100	0.352	2360	0.000241	0.000241	0.00000797	0.0113	0.0174	0.645	0.0313	0.0000401	452	0.000126	0.0155	0.0013	0.00857	0.0259	0.0000552	164	241	0.303	0.0142	3160	0.0718	0.0209	0.000113	0.00227	0.00173	1.03	0.00000505	0.00365	0.00389	0.00607	0.0559
2026 Oct	11100	15.3	132	1.2	4860	0.339	2250	0.000282	0.000282	0.00000793	0.0113	0.0157	0.617	0.031	0.0000389	431	0.000121	0.0148	0.00126	0.00826	0.0272	0.0000502	156	229	0.291	0.0137	3010	0.0687	0.0231	0.000109	0.00218	0.00165	0.998	0.00000494	0.0035	0.00375	0.00588	0.0531
2026 Nov	11000	15.2	131	1.19	4810	0.336	2230	0.000292	0.000292	0.00000792	0.0113	0.0155	0.611	0.0309	0.0000386	427	0.00012	0.0146	0.00124	0.00819	0.0275	0.0000499	154	227	0.288	0.0136	2980	0.068	0.0237	0.000108	0.00216	0.00164	0.989	0.00000492	0.00347	0.00371	0.00584	0.0526
2026 Dec	10900	15.2	130	1.19	4800	0.335	2220	0.000294	0.000294	0.00000792	0.0113	0.0155	0.61	0.0309	0.0000386	426	0.00012	0.0146	0.00124	0.00818	0.0276	0.0000498	154	227	0.288	0.0135	2980	0.0679	0.0238	0.000108	0.00216	0.00163	0.987	0.00000492	0.00346	0.00371	0.00583	0.0525
2027 Jan	31100	49.2	117	1.26	19700	0.194	2740	0.00234	0.00234	0.000221	0.0151	0.0151	0.904	0.17	0.0000522	1070	0.000285	0.00828	0.00504	0.00593	0.046	0.0000325	327	192	0.307	0.067	9430	0.0601	0.0265	0.000148	0.0121	0.00135	21.9	0.0000245	0.00203	0.00786	0.0206	0.189
2027 Feb	45000	72.5	109	1.3	29900	0.0974	3100	0.00373	0.00373	0.000368	0.0177	0.0149	1.11	0.265	0.0000615	1520	0.000398	0.00396	0.00764	0.00439	0.0587	0.0000207	446	168	0.32	0.104	13900	0.0548	0.0283	0.000176	0.0189	0.00116	36.3	0.0000379	0.00105	0.0107	0.0308	0.283
2027 Mar	49200	79.6	106	1.32	33000	0.0682	3200	0.00416	0.00416	0.000412	0.0184	0.0148	1.17	0.293	0.0000644	1650	0.000432	0.00266	0.00843	0.00393	0.0625	0.0000171	482	160	0.323	0.115	15200	0.0532	0.0289	0.000184	0.0209	0.00111	40.7	0.0000419	0.000751	0.0116	0.0339	0.311
2027 Apr	51400	83.3	105	1.33	34600	0.0534	3260	0.00438	0.00438	0.000435	0.0189	0.0148	1.2	0.308	0.0000659	1720	0.00045	0.002	0.00885	0.00369	0.0645	0.0000153	501	157	0.326	0.121	15900	0.0524	0.0292	0.000188	0.022	0.00108	43	0.0000441	0.0006	0.012	0.0355	0.326
2027 May	52700	85.6	104	1.33	35600	0.0449	3300	0.00452	0.00452	0.000449	0.0192	0.0157	1.22	0.318	0.0000667	1770	0.000461	0.00161	0.0091	0.00357	0.0658	0.0000143	513	155	0.328	0.124	16300	0.0521	0.0295	0.000191	0.0227	0.00107	44.4	0.0000454	0.000517	0.0123	0.0365	0.335
2027 Jun	35200	56.2	111	1.23	22800	0.156	2800	0.0028	0.0028	0.000268	0.0158	0.0155	0.958	0.2	0.0000552	1210	0.00032	0.00649	0.00586	0.0053	0.0501	0.0000279	361	178	0.306	0.0786	10800	0.0571	0.0272	0.000161	0.0142	0.00126	26.6	0.0000287	0.00166	0.00876	0.0239	0.217
2027 Jul	43500	70	123	1.4	28600	0.132	3180	0.00348	0.00348	0.000343	0.0174	0.0166	1.11	0.249	0.0000593	1480	0.000383	0.00598	0.00723	0.00495	0.0566	0.0000249	441	190	0.328	0.098	13400	0.0591	0.0268	0.000171	0.0177	0.00129	33.9	0.0000357	0.00133	0.0103	0.0292	0.272
2027 Aug	38600	61.7	107	1.23	25200	0.136	2910	0.00311	0.00311	0.000304	0.0165	0.0153	1.02	0.224	0.0000594	1310	0.000349	0.00534	0.00653	0.00509	0.052	0.0000255	388	172	0.316	0.0879	11800	0.0569	0.0269	0.000167	0.016	0.00124	30.1	0.000032	0.00152	0.00957	0.0264	0.24
2027 Sep	35900	57.1	147	1.53	22600	0.219	3160	0.00256	0.00256	0.000249	0.0159	0.017	1.02	0.188	0.0000516	1240	0.000314	0.0106	0.00558	0.0063	0.0491	0.0000354	386	231	0.332	0.0749	10900	0.0669	0.0244	0.00015	0.0134	0.00153	24.7	0.0000272	0.00208	0.00848	0.0228	0.219
2027 Oct	41800	67.1	105	1.24	27600	0.111	2970	0.00345	0.00345	0.000338	0.0171	0.0146	1.06	0.246	0.0000661	1420	0.000375	0.00429	0.00713	0.00467	0.0554	0.0000225	416	165	0.316	0.0963	12800	0.0551	0.0279	0.000172	0.0175	0.00118	33.4	0.0000351	0.00125	0.0102	0.0288	0.261
2027 Nov	47400	76.6	97.7	1.24	31800	0.0657	3090	0.00404	0.00404	0.0004	0.0181	0.0142	1.13	0.286	0.0000665	1590	0.000421	0.00214	0.00822	0.00393	0.0608	0.0000169	462	150	0.319	0.112	14600	0.0519	0.0291	0.000184	0.0204	0.00107	39.5	0.0000408	0.000803	0.0114	0.033	0.3
2027 Dec	53000	81.6	98.1	1.26	34000	0.0487	3180	0.00433	0.00433	0.000429	0.0187	0.0143	1.18	0.305	0.0000665	1690	0.000444	0.00148	0.00852	0.00365	0.0635	0.0000148	489	149	0.322	0.119	15600	0.0512	0.0294	0.000189	0.0217	0.00105	42.4	0.0000435	0.00061	0.0119	0.0351	0.319
2028 Jan	51400	88.4	103	1.6	34700	0.0383	3190	0.00451	0.00451	0.000448	0.019	0.0155	1.19	0.312	0.0000674	1720	0.000459	0.0011	0.00908	0.00347	0.0652	0.0000135	498	146	0.319	0.122	15900	0.0509	0.0295	0.000192	0.0226	0.0011	43.5	0.0000452	0.000489	0.0123	0.0364	0.327
2028 Feb	51400	95.5	108	2.06	34800	0.0316	3160	0.00462	0.00462	0.00046	0.0193	0.017	1.18	0.312	0.0000668	1720	0.000469	0.000856	0.00929	0.00336	0.0664	0.0000127	497	142	0.314	0.122	15900	0.0507	0.0297	0.000194	0.0232	0.00119	43.7	0.0000463	0.000411	0.0125	0.0372	0.327
2028 Mar	51400	99.9	112	2.34	34800	0.0275	3140	0.00469	0.00469	0.000468	0.0194	0.0179	1.18	0.313	0.0000684	1720	0.000475	0.000705	0.00943	0.00329	0.0671	0.0000122	497	140	0.311	0.122	16000	0.0506	0.0297	0.000195	0.0235	0.00125	43.8	0.000047	0.000364	0.0127	0.0378	0.327
2028 Apr	51500	103	115	2.54	34900	0.0247	3130	0.00475	0.00475	0.000473	0.0195	0.0186	1.17	0.313	0.0000687	1720	0.000479	0.000601	0.00953	0.00325	0.0676	0.0000118	497	139	0.309	0.122	16000	0.0505	0.0298	0.000196	0.0238	0.00129	43.8	0.0000475	0.000331	0.0128	0.0381	0.328
2028 May	51600	105	117	2.69	35000	0.0227	3130	0.00479	0.00479	0.000478	0.0196	0.0193	1.17	0.314	0.0000691	1730	0.000483	0.000527	0.00961	0.00322	0.0681	0.0000116	498	138	0.308	0.123	16000	0.0505	0.0299	0.000197	0.024	0.00132	44	0.000048	0.000308	0.0129	0.0385	0.329
2028 Jun	44000	91.1	109	2.46	29600	0.0548	2830	0.0041	0.0041	0.000404	0.0181	0.0192	1.05	0.267	0.0000647	1480	0.000422	0.00163	0.00826	0.0037	0.0615	0.0000155	428	135	0.293	0.104	13600	0.05	0.0297	0.000186	0.0205	0.00131	36.9	0.0000411	0.000696	0.0114	0.0332	0.279
2028 Jul	45600	103	119	3.07	30700	0.0452	2880	0.00436	0.00436	0.000432	0.0187	0.0215	1.07	0.276	0.0000667	1530	0.000446	0.0013	0.00879	0.00359	0.0639	0.0000144	442	134	0.293	0.108	14100	0.0508	0.0297	0.00019	0.0219	0.00144	38.4	0.0000437	0.000581	0.012	0.0353	0.289
2028 Aug	45000	102	123	3.14	30300	0.0536	2890	0.00429	0.00429	0.000426	0.0186	0.0218	1.07	0.272	0.0000663	1510	0.000442	0.00175	0.00868	0.00374	0.063	0.0000154	439	139	0.294	0.106	13900	0.0519	0.029	0.000188	0.0216	0.00148	37.7	0.0000432	0.000655	0.0119	0.0348	0.285
2028 Sep	36400	81	116	2.61	24000	0.109	2650	0.00335	0.00335	0.000328	0.0168	0.0194	0.942	0.215	0.0000612	1240	0.000366	0.00389	0.00694	0.00466	0.054	0.0000223	362	147	0.289	0.0844	11200	0.054	0.0279	0.000172	0.0171	0.00147	29.1	0.0000342	0.00128	0.01	0.028	0.227
2028 Oct	34900	77.9	108	2.49	23100	0.0998	2500	0.00329	0.00329	0.000317	0.0165	0.0176	0.896	0.208	0.0000586	1180	0.000351	0.0034	0.00669	0.00436	0.0543	0.0000209	346	137	0.273	0.0812	10700	0.0506	0.0298	0.000165	0.0164	0.00138	28.1	0.0000333	0.00116	0.00959	0.027	0.218
2028 Nov	43600	99.4	117	3.04	29400	0.0498	2780	0.0042	0.0042	0.000414	0.0183	0.0198	1.03	0.264	0.0000647	1460	0.00043	0.00145	0.00844	0.0036	0.0627	0.0000148	424	131	0.284	0.103	13500	0.0498	0.0301	0.000183	0.021	0.00143	36.6	0.000042	0.000615	0.0116	0.0339	0.276
2028 Dec	46300	106	121	3.22	31300	0.0359	2880	0.00448	0.00448	0.000444	0.0189	0.0206	1.07	0.282	0.0000665	1550	0.000454	0.000967	0.00898	0.00339	0.0652	0.0000131	449	131	0.288	0.11	14400	0.0498	0.0301	0.000189	0.0224	0.00145	39.2	0.0000448	0.000456	0.0122	0.036	0.294
2029 Jan	47400	113	126	3.36	32100	0.0289	2910	0.00462	0.00462	0.000429	0.0192	0.0229	1.09	0.288	0.0000675	1590	0.000456	0.00072	0.00926	0.00328	0.0665	0.0000123	458	130	0.289	0.113	14700	0.0499	0.0301	0.000192	0.0231	0.00159	40.3	0.0000462	0.000376	0.0125	0.0371	0.302
2029 Feb	47700	121	133	3.49	32400	0.0248	2910	0.0047	0.0047	0.000468	0.0194	0.0258	1.09	0.291	0.000068	1600	0.000474	0.000577	0.00942	0.00322	0.0673	0.0000118	461	129	0.287	0.113	14800	0.0499	0.0301	0.000194	0.0235	0.00178	40.7	0.000047	0.000329	0.0126	0.0377	0.304
2029 Mar	48000	125	138	3.57	32500	0.0221	2910	0.00475	0.00475	0.000474	0.0195	0.0277	1.09	0.292	0.0000684	1610	0.000478	0.000485	0.00952	0.00318	0.0678	0.0000115	463	128	0.286	0.114	14900	0.0499	0.0301	0.000195	0.0238	0.00191	40.9	0.0000475	0.000299	0.0128	0.0381	0.306
2029 Apr	48100	129	141	3.63	32700	0.0203	2910	0.00479	0.00479	0.000478	0.0196	0.029	1.09	0.293	0.0000686	1610	0.000482	0.000419	0.0096	0.00315	0.0681	0.0000112	465	128	0.286	0.114	14900	0.0499	0.0301	0.000196	0.024	0.00199	41.1	0.0000479	0.000277	0.0128	0.0384	0.307
2029 May	48300	132	144	3.68	32800	0.0189	2910	0.00483	0.00483	0.000481	0.0197	0.0301	1.1	0.294	0.0000689	1620	0.000485	0.000372	0.00966	0.00314	0.0685	0.0000111	466	127	0.286	0.115	15000	0.05	0.0301	0.000197	0.0241	0.00206	41.3	0.0000483	0.000262	0.0129	0.0387	0.308
2029 Jun	43700	119	143	3.4	29400	0.053	2810	0.00431	0.00431	0.000425	0.0186	0.0299	1.03	0.262	0.0000644	1470	0.00044	0.00203	0.00864	0.00362	0.0641	0.0000153	428	138	0.281	0.102	13500	0.0513	0.0297	0.000187	0.0215	0.00204	36.4	0.0000431	0.000586	0.0118	0.0347	0.277
2029 Jul	34700	99.3	125	2.8	23100	0.0878	2440	0.00345	0.00345	0.000335	0.0168	0.0277	0.887	0.21	0.0000619	1180	0.000368	0.00262	0.00705	0.00428	0.0548	0.0000197	340	127	0.27	0.0819	10700	0.0506	0.0291	0.000176	0.0174	0.00201	28.4	0.0000348	0.00112	0.0101	0.0284	0.217
2029 Aug	36800	107	137	3.01	24400	0.0924	2590	0.0036	0.0036	0.000354	0.0172	0.0299	0.932	0.219	0.0000628	1250	0.000386	0.00315	0.0074	0.00439	0.0562	0.0000202	363	138	0.28	0.0859	11300	0.0531	0.0281	0.000177	0.0183	0.00216	29.8	0.0000365	0.00111	0.0105	0.0298	0.23
2029 Sep	38900	112	151	3.22	25700	0.0981	2740	0.00374	0.00374	0.00037	0.0177	0.0314	0.975	0.228	0.0000624	1320	0.000401	0.00394	0.0077	0.00445	0.0583	0.0000208	388	152	0.287	0.0896	12000	0.0553	0.0278	0.000177	0.019	0.00227	31.2	0.0000381	0.00108	0.0108	0.031	0.244
2029 Oct	41200	122	138	3.33	27800	0.0476	2630	0.00418	0.00418	0.000414	0.0183	0.032	0.983	0.252	0.0000666	1390	0.000431	0.00106	0.00846	0.00366	0.0616	0.0000147	399	121	0.275	0.0984	12700	0.0499	0.0295	0.000187	0.021	0.00224	34.9	0.000042	0.000667	0.0117	0.034	0.261
2029 Nov	39000	116	127	3.13	26400	0.0466	2490	0.00401	0.00401	0.000395	0.0178	0.0301	0.939	0.242	0.0000659	1310	0.000413	0.000659	0.0081	0.00384	0.0597	0.0000146	375	111	0.267	0.094	12100	0.048	0.03	0.000184	0.0201	0.00214	33.2	0.0000402	0.000713	0.0112	0.0325	0.247
2029 Dec	42100	126	137	3.39	28500	0.0351	2620	0.00432	0.00432	0.000427	0.0185	0.0321	0.989	0.259	0.0000671	1410	0.00044	0.00047	0.00869	0.00343	0.063	0.0000131	405	115	0.272	0.101	13000	0.0486	0.0301	0.000189	0.0216	0.00224	36	0.0000432	0.000538	0.0119	0.0348	0.267
2030 Jan	43200	126	137	3.47	29300	0.0286	2660	0.0045	0.0045	0.000446	0.0189	0.0339	1	0.265	0.0000679

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.0699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2032 Jun	41000	62	73.8	2.45	27700	0.0332	2550	0.00457	0.00457	0.000453	0.0191	0.0461	0.948	0.248	0.000067	1370	0.000462	0.00101	0.00915	0.00334	0.066	0.0000128	398	117	0.254	0.097	12700	0.0502	0.0299	0.000192	0.0228	0.00317	34.6	0.0000457	0.000416	0.0124	0.0367	0.261
2032 Jul	37100	56	81.4	2.29	24700	0.0718	2510	0.00402	0.00402	0.000396	0.018	0.0419	0.905	0.22	0.0000636	1250	0.000418	0.0028	0.00814	0.00394	0.0609	0.0000175	367	132	0.258	0.0863	11500	0.0524	0.0289	0.000183	0.0202	0.00297	30.3	0.0000405	0.000812	0.0113	0.0327	0.234
2032 Aug	37000	55.9	94.9	2.35	24400	0.1	2640	0.00386	0.00386	0.000382	0.018	0.0417	0.927	0.214	0.0000622	1260	0.000411	0.00444	0.00791	0.00444	0.06	0.000021	373	153	0.271	0.0841	11400	0.0565	0.0279	0.000179	0.0195	0.00301	29.3	0.0000393	0.00103	0.011	0.0319	0.232
2032 Sep	41300	62.5	75.8	2.47	27800	0.0378	2590	0.00457	0.00457	0.000455	0.0192	0.0464	0.96	0.249	0.0000676	1390	0.000465	0.0012	0.0092	0.00346	0.0659	0.0000134	401	121	0.259	0.0975	12800	0.0514	0.0294	0.000193	0.0229	0.0032	34.8	0.0000459	0.000465	0.0124	0.0369	0.262
2032 Oct	42700	64.7	71.5	2.52	29000	0.0208	2590	0.00478	0.00478	0.000477	0.0196	0.0475	0.974	0.26	0.0000692	1430	0.000482	0.000374	0.0096	0.00319	0.0678	0.0000114	412	113	0.256	0.102	13200	0.0501	0.0299	0.000197	0.024	0.00327	36.5	0.0000479	0.000302	0.0129	0.0384	0.272
2032 Nov	43200	65.5	71	2.55	29400	0.0158	2600	0.00486	0.00486	0.000485	0.0197	0.0479	0.98	0.264	0.0000695	1450	0.000488	0.000183	0.00973	0.0031	0.0686	0.0000107	417	112	0.256	0.103	13400	0.0498	0.03	0.000198	0.0243	0.0033	37	0.0000486	0.000244	0.013	0.039	0.276
2032 Dec	43200	65.5	70.7	2.55	29400	0.0151	2590	0.00486	0.00486	0.000485	0.0197	0.0479	0.978	0.264	0.0000694	1450	0.000487	0.000153	0.00973	0.00308	0.0686	0.0000106	416	112	0.255	0.103	13400	0.0497	0.0301	0.000198	0.0243	0.00329	37	0.0000486	0.000236	0.013	0.0389	0.276
2033 Jan	43600	66	71.2	2.57	29600	0.0137	2610	0.0049	0.0049	0.000489	0.0198	0.0482	0.983	0.266	0.0000695	1460	0.000491	0.000127	0.0098	0.00306	0.069	0.0000105	420	112	0.255	0.104	13500	0.0497	0.0301	0.000198	0.0245	0.00331	37.3	0.000049	0.000215	0.0131	0.0392	0.278
2033 Feb	43800	66.3	71.5	2.58	29700	0.0129	2620	0.00492	0.00492	0.000491	0.0198	0.0484	0.987	0.267	0.0000696	1460	0.000493	0.000112	0.00984	0.00305	0.0692	0.0000104	422	112	0.255	0.104	13600	0.0498	0.0301	0.000199	0.0246	0.00333	37.5	0.0000492	0.000203	0.0131	0.0394	0.279
2033 Mar	43900	66.5	71.7	2.59	29800	0.0124	2620	0.00493	0.00493	0.000493	0.0199	0.0485	0.989	0.268	0.0000697	1470	0.000494	0.000103	0.00987	0.00304	0.0694	0.0000103	423	112	0.256	0.105	13600	0.0498	0.0301	0.000199	0.0247	0.00333	37.6	0.0000493	0.000195	0.0132	0.0395	0.28
2033 Apr	44000	66.7	71.8	2.59	29900	0.012	2630	0.00495	0.00495	0.000494	0.0199	0.0487	0.991	0.269	0.0000698	1470	0.000495	0.0000965	0.0099	0.00304	0.0695	0.0000103	424	113	0.256	0.105	13700	0.0499	0.0301	0.000199	0.0247	0.00334	37.7	0.0000495	0.00019	0.0132	0.0396	0.281
2033 May	43600	66	71.1	2.57	29600	0.0131	2600	0.0049	0.0049	0.000489	0.0198	0.0486	0.983	0.266	0.0000695	1460	0.000491	0.000109	0.00981	0.00305	0.0695	0.0000104	420	112	0.255	0.104	13500	0.0497	0.0302	0.000203	0.0245	0.00331	37.4	0.000049	0.000208	0.0131	0.0392	0.278
2033 Jun	40400	61.1	71.1	2.4	27300	0.0322	2510	0.00452	0.00452	0.000448	0.0189	0.0455	0.937	0.246	0.0000672	1360	0.000457	0.00084	0.00907	0.00334	0.0662	0.0000127	391	114	0.254	0.096	12500	0.0496	0.03	0.000203	0.0226	0.00313	34.3	0.0000452	0.000435	0.0123	0.0363	0.257
2033 Jul	40000	60.5	80.7	2.43	26800	0.0535	2590	0.00438	0.00438	0.000434	0.0188	0.045	0.947	0.24	0.000066	1350	0.000449	0.00207	0.00884	0.00369	0.0652	0.0000153	393	129	0.262	0.0936	12400	0.0524	0.0295	0.000198	0.0219	0.00314	33.2	0.000044	0.000608	0.012	0.0354	0.253
2033 Aug	40400	61	79.4	2.44	27100	0.0513	2600	0.00443	0.00443	0.00044	0.019	0.0454	0.955	0.242	0.0000667	1360	0.000455	0.00186	0.00895	0.0037	0.0652	0.0000151	395	127	0.263	0.0948	12500	0.0526	0.0295	0.000195	0.0222	0.00317	33.6	0.0000445	0.000602	0.0122	0.0359	0.256
2033 Sep	34900	52.7	99.6	2.26	22800	0.122	2630	0.00356	0.00356	0.000351	0.0175	0.0394	0.905	0.199	0.0000599	1190	0.000388	0.00546	0.00736	0.00479	0.0573	0.0000237	357	161	0.274	0.0783	10700	0.0579	0.0273	0.000172	0.0181	0.00291	26.9	0.0000364	0.00124	0.0104	0.0297	0.218
2033 Oct	29000	43.4	56	1.74	19300	0.0795	2060	0.00327	0.00327	0.000315	0.0162	0.0334	0.762	0.181	0.0000612	989	0.000347	0.0017	0.00665	0.00412	0.0529	0.0000185	282	102	0.239	0.0702	8900	0.047	0.0304	0.000169	0.0164	0.00246	24.1	0.0000328	0.00111	0.0096	0.0268	0.182
2033 Nov	37200	56.1	63.7	2.2	25100	0.0406	2360	0.0042	0.0042	0.000414	0.0182	0.0417	0.884	0.229	0.0000658	1250	0.000428	0.000714	0.00843	0.00348	0.0621	0.0000137	359	106	0.247	0.0892	11500	0.0482	0.0304	0.000185	0.021	0.00293	31.6	0.0000419	0.000587	0.0116	0.0338	0.236
2033 Dec	39800	60.1	66.8	2.35	26900	0.0298	2460	0.00448	0.00448	0.000444	0.0188	0.0443	0.924	0.244	0.0000673	1330	0.000453	0.000484	0.00898	0.00331	0.0649	0.0000124	383	109	0.25	0.0951	12300	0.0488	0.0303	0.00019	0.0224	0.00309	33.9	0.0000448	0.000437	0.0122	0.036	0.253
2034 Jan	41000	62	68.3	2.42	27800	0.0246	2510	0.00462	0.00462	0.000459	0.0191	0.0456	0.943	0.251	0.000068	1370	0.000465	0.000372	0.00925	0.00323	0.0662	0.0000118	395	110	0.252	0.0979	12700	0.0491	0.0302	0.000193	0.0231	0.00316	35	0.0000461	0.000364	0.0125	0.037	0.261
2034 Feb	41700	63.1	69.1	2.46	28300	0.0217	2530	0.00469	0.00469	0.000467	0.0193	0.0463	0.954	0.255	0.0000684	1400	0.000472	0.00031	0.0094	0.00318	0.067	0.0000114	402	110	0.253	0.0995	12900	0.0493	0.0302	0.000194	0.0235	0.0032	35.7	0.0000469	0.000323	0.0126	0.0376	0.266
2034 Mar	42200	63.8	69.7	2.49	28600	0.0198	2550	0.00474	0.00474	0.000472	0.0194	0.0467	0.962	0.258	0.0000687	1410	0.000477	0.000269	0.0095	0.00315	0.0675	0.0000112	406	111	0.253	0.101	13100	0.0494	0.0301	0.000195	0.0237	0.00323	36.1	0.0000474	0.000296	0.0127	0.038	0.269
2034 Apr	42500	64.4	70.1	2.51	28900	0.0183	2570	0.00478	0.00478	0.000477	0.0195	0.0471	0.967	0.26	0.0000689	1420	0.000481	0.000238	0.00958	0.00313	0.0679	0.000011	410	111	0.254	0.101	13200	0.0495	0.0301	0.000196	0.0239	0.00325	36.4	0.0000478	0.000276	0.0128	0.0383	0.271
2034 May	42700	64.6	70.2	2.51	29000	0.0178	2570	0.0048	0.0048	0.000478	0.0196	0.0478	0.97	0.261	0.000069	1430	0.000482	0.000222	0.00961	0.00313	0.0682	0.000011	411	111	0.254	0.102	13200	0.0496	0.0302	0.000198	0.024	0.00326	36.5	0.000048	0.00027	0.0129	0.0384	0.272
2034 Jun	40600	61.4	71.9	2.42	27400	0.0326	2520	0.00454	0.00454	0.00045	0.019	0.0457	0.941	0.247	0.0000671	1360	0.000459	0.00089	0.0091	0.00334	0.0667	0.0000127	394	115	0.254	0.0964	12600	0.0498	0.0302	0.000204	0.0227	0.00314	34.4	0.0000454	0.000427	0.0123	0.0365	0.258
2034 Jul	39600	60	82.2	2.42	26500	0.0585	2590	0.00432	0.00432	0.000428	0.0187	0.0446	0.944	0.237	0.0000655	1340	0.000445	0.00232	0.00873	0.00376	0.0649	0.0000159	390	131	0.262	0.0925	12300	0.0527	0.0295	0.000197	0.0217	0.00312	32.8	0.0000435	0.000649	0.0119	0.035	0.251
2034 Aug	41000	62.1	82.6	2.49	27500	0.0526	2650	0.00448	0.00448	0.000446	0.0192	0.0461	0.967	0.245	0.0000669	1380	0.00046	0.00208	0.00905	0.00371	0.0661	0.0000153	403	131	0.265	0.096	12700	0.0533	0.0295	0.000196	0.0225	0.00321	34.1	0.0000451	0.000583	0.0123	0.0363	0.26
2034 Sep	33700	50.8	102	2.21	21800	0.133	2610	0.0034	0.0034	0.000333	0.0172	0.0381	0.889	0.19	0.0000586	1150	0.000374	0.00598	0.00704	0.00495	0.0559	0.000025	347	165	0.274	0.0749	10300	0.0584	0.0272	0.000168	0.0173	0.00284	25.6	0.0000348	0.00135	0.0101	0.0285	0.21
2034 Oct	34900	52.6	70.4	2.12	23400	0.0666	2350	0.00386	0.00386	0.000378	0.0176	0.0393	0.86	0.212	0.000063	1180	0.000401	0.00201	0.0078	0.00387	0.0593	0.0000169	342	118	0.25	0.0826	10800	0.0499	0.03	0.000178	0.0193	0.00282	29	0.0000387	0.000825	0.0109	0.0314	0.22
2034 Nov	40600	61.5	70.4	2.41	27500	0.0305	2510	0.00455	0.00455	0.000452	0.019	0.0452	0.94	0.248	0.0000672	1360	0.00046	0.000702	0.00912	0.00331	0.0658	0.0000125	393	113	0.252	0.0967	12600	0.0496	0.0302	0.000191	0.0227	0.00314	34.5	0.0000455	0.000409	0.0123	0.0366	0.258
2034 Dec	42100	63.7	71.2	2.49	28500	0.0228	2560	0.00472	0.00472	0.00047	0.0194	0.0466	0.962	0.257	0.0000683	1410	0.000475	0.000461	0.00945	0.00319	0.0674	0.0000115	406	113	0.254	0.1	13100	0.0497	0.0301	0.000194	0.0236	0.00323	35.9	0.0000472	0.000316	0.0127	0.0378	0.268
2035 Jan	42700	64.7	71.5	2.53	29000	0.0193	2580	0.0048	0.0048	0.000478	0.0196	0.0473	0.972	0.261	0.0000687	1430	0.000482	0.000351	0.0096	0.00314	0.0681	0.0000111	412	113	0.255	0.102	13300	0.0498	0.0301	0.000196	0.024	0.00327	36.5	0.000048	0.000273	0.0129	0.0384	0.272
2035 Feb	43100	65.3	71.7	2.55	29300	0.0174	2600	0.00484	0.00484	0.000483	0.0197	0.0477	0.977	0.263	0.000069	1440	0.000486	0.000291	0.00968	0.00311	0.0685	0.0000109	416	113	0.255	0.103	13400	0.0498	0.0301	0.000197	0.0242	0.00329	36.9	0.0000484	0.000249	0.0129	0.0388	0.275
2035 Mar	43300	65.7	71.9	2.56	29400	0.0161	2610	0.00487	0.00487	0.000486	0.0197	0.0479	0.981	0.264	0.0000692	1450	0.000488	0.000251	0.00974	0.00309	0.0688	0.0000107	418	113	0.255	0.103	13500	0.0499	0.0301	0.000197	0.0243	0.0033	37.1	0.0000487	0.000234	0.013	0.039	0.276
2035 Apr	43500	66	72	2.57	29600	0.0152	2610	0.00489	0.00489	0.000488	0.0198	0.0481	0.984	0.265	0.0000693	1460	0.00049	0.000223	0.00978	0.00308	0.069	0.0000106	420	113	0.255	0.104	13500	0.0499	0.0301	0.000198	0.0244	0.00331	37.3	0.0000489	0.000223	0.0131	0.0391	0.278
2035 May	43700	66.2	72.1	2.58	29700	0.0148	2620	0.00491	0.00491	0.00049	0.0198	0.0486	0.987	0.266	0.0000695	1460	0.000492	0.000204	0.00982	0.00308	0.0692	0.0000106	421	113	0.256	0.104	13600	0.05	0.0301	0.000199	0.0245	0.00332	37.4	0.0000491	0.000219	0.0131	0.0393	0.279
2035 Jun	40500	61.2	71.8	2.41	27300	0.0324	2510	0.00452	0.00452	0.000449	0.0189	0.0455	0.938	0.246	0.0000669	1360	0.000458	0.000892	0.00907	0.00332	0.0659	0.0000127	392	115	0.253	0.096	12500	0.0496	0.03	0.000197	0.0226	0.00313	34.3	0.0000452	0.000425	0.0123	0.0363	0.257
2035 Jul	39900	60.3	77.3	2.41	26800	0.0478	2550	0.0044	0.0044	0.000436	0.0188	0.0449	0.939	0.24	0.0000662	1340	0.000449	0.0017	0.00885	0.00358	0.0649	0.0000146	390	124	0.258	0.0938	12300	0.0514	0.0297	0.000194	0.022	0.00312	33.3	0.0000441	0.000564	0.012	0.0355	0.253
2035 Aug	38200	57.7	80.6	2.34	25500	0.0676	2550	0.00415	0.00415	0.000411	0.0184	0.0431	0.927	0.228	0.0000654	1290	0.000431	0.00251	0.00842	0.00395	0.0623	0.0000171	376	131	0.263	0.0893	11800	0.0531	0.0292	0.000188	0.0209	0.00305	31.4	0.0000418	0.000783	0.0116	0.0338	0.241
2035 Sep	34600	52.3	115	2.33	22300	0.15	2750	0.00339	0.00339	0.000333	0.0173	0.0388	0.916	0.19	0.0000568	1190	0.000376	0.00731	0.00705	0.00516	0.0567	0.000027	362	184	0.281	0.0751	10600	0.0612	0.0266	0.000165	0.0172	0.00292	25.6	0.0000349	0.00141	0.01	0.0285	0.215
2035 Oct	39000	59	81.9	2.38	26100	0.0638	2580	0.00423	0.00423	0.00042	0.0186	0.0435	0.938	0.232	0.0000653	1320	0.000439	0.00245	0.00859	0.00388	0.0629	0.0000166	384	132	0.263	0.0911	12100	0.0532	0.0288	0.000186	0.0213	0.00309	32.1	0.0000427	0.000717	0.0118	0.0345	0.247
2035 Nov	39600	59.8	69.6	2.35	26700	0.0372	2480	0.00442	0.00442	0.000439	0.0188	0.0441	0.928	0.241	0.0000672	1330	0.00045	0.000876	0.0089	0.00345	0.0642	0.0000133	383	113	0.254	0.0942	12200	0.0499	0.0298	0.00019	0.0222	0.00309	33.5	0.0000443	0.000511	0.0121	0.0357	0.251
2035 Dec	41300	62.5	70.6	2.45	28000	0.0273	2540	0.00463	0.00463	0.000461	0.0192	0.0459	0.953	0.252	0.0000682	1390	0.000468	0.000579	0.00929	0.00329	0.0663	0.0000121	399	113	0.255	0.0984	12800	0.0499	0.0299	0.000194	0.0232	0.00319	35.2	0.0000463	0.000383	0.0125	0.0372	0.263
2036 Jan	42200	63.9	71.1	2.49	28600	0.0227	2570	0.00473	0.00473	0.000471	0.0194	0.0468	0.965	0.257	0.0000687	1410	0.000477	0.000439	0.00948	0.00321	0.0673	0.0000116	407	113	0.255	0.1	13100	0.0499	0.0299	0.000195	0.0237	0.00324	36	0.0000473	0.000323	0.0127	0.038	0.269
2036 Feb	42600	64.6	71.4	2.52	28900	0.0201	2580	0.00478	0.00478	0.000477	0.0195	0.0472	0.972	0.26	0.0000689	1430	0.000481	0.000361	0.00959	0.00317	0.0679	0.0000112	412	113	0.255	0.102	13200	0.0499	0.0299	0.000196	0.0239	0.00326	36.4	0.0000479	0.00029	0.0129	0.0384	0.272
2036 Mar	43000	65.1	71.6	2.54	29200	0.0184	2590	0.00482	0.00482	0.000481	0.0196	0.0476	0.976	0.262	0.0000691	1440	0.000485	0.00031	0.00966	0.00314	0.0682	0.000011	415	113	0.255	0.102	13300	0.0499	0.0299	0.000197	0.0241	0.00328	36.7	0.0000482	0.000268	0.0129	0.0387	0.274
2036 Apr	43200	65.5	71.7	2.55	29300	0.0172	2600	0.00485	0.00485	0.000484	0.0197	0.048	0.98	0.264	0.0000693	1450	0.000487	0.000274	0.00971	0.00312	0.0685	0.0000109	417	113	0.256	0.103	13400	0.05	0.03	0.000198	0.0243	0.0033	37	0.0000485	0.000253	0.013	0.0389	0.276
2036 May	43400	65.8	71.9	2.56	29500	0.0164	2610	0.00487	0.00487	0.000487	0.0198	0.0487	0.984	0.265	0.0000695	1450	0.000489	0.000249	0.00976	0.00311	0.0688	0.0000108	419	113	0.256	0.103	13500	0.0501	0.03	0.000198	0.0244	0.00331	37.2	0.0000488	0.000244	0.013	0.0391	0.277
2036 Jun	41300	62.5	73.3	2.46	27900	0.0317	2560	0.0046	0.0046	0.000458	0.0192	0.0464	0.955	0.251	0.0000677	1380	0.000466	0.000915	0.00924	0.00334	0.0663	0.0000126	400	117	0.256	0.0979	12800	0.0504	0.0298	0.000194	0.023	0.00319	35	0.0000461	0.000409	0.0125	0.037	0.263
2036 Jul	39500	60.3	83.2	2.44	26700	0.0605	2610	0.00434	0.00434	0.000431	0.0188	0.0449	0.951	0.237	0.0000655	1340	0.000447	0.0025	0.00876	0.00379	0.0643	0.0000161	393	133	0.263	0.0933	12300	0.0533	0.0291	0.000188	0.0218	0.00314	32.9	0.0000437	0.000655	0.0112	0.0352	0.252
2036 Aug	39500	59.7	83.1	2.42	26400	0.0659	2610	0.00429	0.00429	0.000426	0.0188	0.0446	0.952	0.235	0.0000658	1330	0.000444	0.00264	0.00869	0.00392	0.0638	0.0000169	389	134	0.266	0.0922	12200	0.054	0.029	0.000188	0.0216	0.00314	32.6	0.0000433	0.000726	0.0119	0.0349	0.25
2036 Sep	35800	54.1	93.6	2.28	23600	0.113	2600	0.00373	0.00373	0.000369	0.0178	0.0408	0.924	0.207	0.0000612	1220	0.000402	0.00509	0.00769	0.00465	0.0588	0.0000226	362	152	0.275	0.0817	11000	0.0579	0.0273	0.000175	0.0189	0.00299	28.3	0.0000381	0.00115	0.0108	0.031	0.225
2036 Oct	41200	62.4	94.4	2.56	27400	0.0763	2740	0.00438	0.00438	0.000437	0.0191	0.0457	0.989	0.24	0.0000639	1390	0.000455	0.00382	0.00889	0.004	0.0655	0.000018	410	147	0.272	0.0945	12700	0.0566	0.0282	0.000185	0.022	0.00327	33.4	0.0000443	0.000693	0.0121	0.0357	0.26
2036 Nov	41300	62.6	84	2.52	27700	0.0547	2650	0.0045	0.0045	0.000448	0.0192	0.0458	0.974	0.246	0.0000657	1390	0.000461	0.00242	0.00908	0.00368	0.066	0.0000154	406	132	0.264	0.0964	12800	0.0536	0.029	0.000189	0.0226	0.00324	34.3	0.0000453	0.00055	0.0123	0.0364	0.262
2036 Dec	44400	67.3	73	2.62	30200	0.0116	2640	0.00498	0.00498	0.000498	0.02	0.049	0.997	0.27	0.0000697	1480	0.000498	0.000154	0.00996	0.00302	0.0699	0.0000102	428	114	0.256	0.106	13800	0.0501	0.03	0.000199	0.0249	0.00336	38	0.0000498	0.000172	0.0133	0.0398	0.283
2037 Jan	1460	2.18	2.34	0.0855	983	0.0255	88.2	0.00113	0.00113	0.000021	0.00314	0.00181	0.0352	0.0157	0.0000071	54.2	0.000021	0.0000999	0.000382	0.000873	0.0165	0.00000104	14.6	4.64	0.0111	0.00348	450	0.00213	0.0053	0.0000565	0.000825	0.000148	1.26	0.00000355	0.0000197	0.0005	0.00206	0.00916
2037 Feb	24.2	0.00552	0.00514	0.001	7.7	0.026	3.04	0.001	0.001	0.000005	0.00258	0.000239	0.00312	0.00736	0.000005	6.6	0.00000506	0.000103	0.0000648	0.000805	0.0151	0.0000059	0.815	1.04	0.00346	0.000071	4.04	0.000544	0.00463	0.0000538	0.0000209	0.0000404	0.027	0.000002	0.0000153	0.0000786	0.000803	
2037 Mar	24.4	0.00571	0.0052	0.001	7.75	0.026	3.06	0.001	0.001	0.00000501	0.00259	0.000243	0.00313	0.00746	0.00000501	6.68	0.00000509	0.000104	0.0000666	0.000807	0.0154	0.0000077	0.82	1.05	0.00376	0.0000714	4.05	0.000548	0.00473	0.0000553	0.0000212

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.0699	0.0000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2039 Dec	133	0.0241	0.0681	0.00274	21.8	0.0368	78.7	0.00095	0.00095	0.00000478	0.0035	0.000554	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115	0.017	0.00000382	1.16	5.23	0.0173	0.000551	8.18	0.00347	0.00793	0.0000572	0.000173	0.000111	0.0642	0.00000199	0.000123	0.000209	0.00108	
2040 Jan	133	0.0241	0.0681	0.00274	21.8	0.0368	78.7	0.00095	0.00095	0.00000478	0.0035	0.000554	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115	0.017	0.00000382	1.16	5.23	0.0173	0.000551	8.18	0.00347	0.00793	0.0000572	0.000173	0.000111	0.0642	0.00000199	0.000122	0.000209	0.00108	
2040 Feb	133	0.0241	0.0681	0.00274	21.8	0.0368	78.7	0.00095	0.00095	0.00000478	0.0035	0.000554	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115	0.017	0.00000382	1.16	5.23	0.0173	0.000551	8.18	0.00347	0.00793	0.0000572	0.000173	0.000111	0.0642	0.00000199	0.000122	0.000209	0.00108	
2040 Mar	133	0.0241	0.0681	0.00274	21.8	0.0368	78.7	0.00095	0.00095	0.00000478	0.0035	0.000554	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115	0.017	0.00000382	1.16	5.23	0.0173	0.000551	8.18	0.00347	0.00793	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	
2040 Apr	133	0.0241	0.0681	0.00274	21.8	0.0368	78.8	0.00095	0.00095	0.00000478	0.0035	0.000555	0.0247	0.00844	0.00000499	14.8	0.0000128	0.000122	0.000137	0.00115	0.0171	0.00000382	1.16	5.23	0.0173	0.000552	8.18	0.00348	0.00794	0.0000572	0.000173	0.000111	0.0643	0.00000199	0.000123	0.00021	0.00108	
2040 May	134	0.0242	0.0684	0.00275	21.9	0.0369	79.1	0.000951	0.000951	0.00000478	0.00351	0.000557	0.0248	0.00847	0.000005	14.8	0.0000128	0.000122	0.000137	0.00115	0.0171	0.00000384	1.16	5.25	0.0175	0.000554	8.2	0.00349	0.00797	0.0000578	0.000174	0.000112	0.0645	0.00000199	0.000123	0.000211	0.00108	
2040 Jun	138	0.0251	0.0715	0.00283	22.2	0.0373	82.7	0.000945	0.000945	0.00000475	0.00354	0.000575	0.0258	0.00856	0.00000498	15.2	0.0000132	0.000128	0.000141	0.00117	0.0176	0.000004	1.18	5.45	0.0184	0.000576	8.28	0.00364	0.00819	0.0000615	0.000182	0.000115	0.0663	0.00000198	0.000128	0.000222	0.00109	
2040 Jul	135	0.0245	0.0695	0.00278	21.6	0.037	80.4	0.000949	0.000949	0.00000477	0.00351	0.000564	0.0251	0.00849	0.00000499	15	0.000013	0.000128	0.000137	0.00116	0.0175	0.00000391	1.16	5.32	0.0179	0.000561	8.11	0.00355	0.00806	0.0000609	0.000177	0.000113	0.065	0.00000198	0.000125	0.000217	0.00109	
2040 Aug	131	0.0238	0.0673	0.00272	21.1	0.0367	77.8	0.000952	0.000952	0.00000479	0.00348	0.000553	0.0244	0.00845	0.000005	14.7	0.0000127	0.000125	0.000135	0.00115	0.0173	0.00000038	1.15	5.18	0.0173	0.000544	7.96	0.00345	0.00792	0.0000592	0.000172	0.00011	0.0637	0.00000199	0.000121	0.000211	0.00108	
2040 Sep	127	0.0232	0.0651	0.00266	20.6	0.0363	75.1	0.000954	0.000954	0.0000048	0.00347	0.000541	0.0237	0.00843	0.000005	14.4	0.0000124	0.00012	0.000134	0.00113	0.017	0.00000369	1.15	5.03	0.0168	0.000528	7.82	0.00333	0.00781	0.0000573	0.000166	0.000108	0.0627	0.00000199	0.000117	0.000204	0.00107	
2040 Oct	125	0.0228	0.0638	0.00262	20.3	0.0361	73.6	0.000956	0.000956	0.0000048	0.00346	0.000534	0.0233	0.00842	0.000005	14.2	0.0000122	0.000118	0.000133	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00776	0.0000569	0.000163	0.000106	0.062	0.00000199	0.000115	0.0002	0.00106	
2040 Nov	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00777	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.0002	0.00106	
2040 Dec	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00777	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.0002	0.00106	
2041 Jan	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00777	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.0002	0.00106	
2041 Feb	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.0002	0.00106	
2041 Mar	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00842	0.000005	14.3	0.0000122	0.000118	0.000134	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.74	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.0002	0.00106	
2041 Apr	125	0.0229	0.0638	0.00262	20.3	0.0362	73.6	0.000956	0.000956	0.0000048	0.00346	0.000535	0.0233	0.00843	0.00000501	14.3	0.0000122	0.000118	0.000134	0.00112	0.0169	0.00000362	1.14	4.95	0.0164	0.000519	7.75	0.00327	0.00778	0.0000569	0.000163	0.000106	0.0621	0.00000199	0.000115	0.0002	0.00106	
2041 May	125	0.0229	0.0639	0.00263	20.3	0.0362	73.7	0.000957	0.000957	0.00000481	0.00347	0.000537	0.0234	0.00846	0.00000501	14.3	0.0000123	0.000118	0.000134	0.00112	0.017	0.00000363	1.15	4.96	0.0165	0.00052	7.75	0.00328	0.00782	0.0000577	0.000163	0.000107	0.0623	0.00000199	0.000115	0.0002	0.00106	
2041 Jun	126	0.0231	0.0644	0.00264	20.2	0.0362	74.3	0.000954	0.000954	0.00000479	0.00348	0.000541	0.0235	0.00846	0.000005	14.3	0.0000124	0.00012	0.000134	0.00113	0.0172	0.00000369	1.14	4.99	0.0167	0.000523	7.71	0.0033	0.00797	0.0000586	0.000165	0.000107	0.0625	0.00000199	0.000116	0.0002	0.00107	
2041 Jul	126	0.0229	0.0647	0.00264	20	0.0361	74.6	0.00095	0.00095	0.00000477	0.00347	0.000541	0.0235	0.00838	0.00000498	14.3	0.0000124	0.000122	0.000133	0.00113	0.0171	0.00000371	1.14	5	0.0167	0.000524	7.62	0.00332	0.00798	0.0000582	0.000166	0.000107	0.0622	0.00000198	0.000117	0.0002	0.00107	
2041 Aug	122	0.0223	0.0626	0.00259	19.5	0.0358	72.1	0.000955	0.000955	0.0000048	0.00345	0.000531	0.0229	0.00837	0.000005	14.1	0.0000122	0.00012	0.000131	0.00111	0.017	0.00000361	1.13	4.86	0.0162	0.000509	7.5	0.00322	0.00788	0.0000571	0.000161	0.000105	0.0611	0.00000199	0.000113	0.0002	0.00106	
2041 Sep	119	0.0219	0.0607	0.00253	19.1	0.0356	69.8	0.000957	0.000957	0.00000481	0.00344	0.000521	0.0223	0.00836	0.000005	13.8	0.000012	0.000116	0.00013	0.0011	0.0168	0.00000352	1.12	4.74	0.0157	0.000495	7.39	0.00312	0.0078	0.0000557	0.000156	0.000103	0.0602	0.00000199	0.00011	0.000195	0.00105	
2041 Oct	118	0.0217	0.0597	0.00251	18.9	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00835	0.000005	13.7	0.0000118	0.000114	0.00013	0.00109	0.0167	0.00000347	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00779	0.0000553	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000193	0.00105	
2041 Nov	118	0.0218	0.0598	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011	0.0167	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000553	0.000154	0.000102	0.0598	0.00000199	0.000109	0.000193	0.00105	
2041 Dec	118	0.0218	0.0598	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011	0.0167	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000553	0.000154	0.000102	0.0599	0.00000199	0.000109	0.000193	0.00105	
2042 Jan	118	0.0218	0.0598	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011	0.0167	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0599	0.00000199	0.000109	0.000193	0.00105	
2042 Feb	118	0.0218	0.0598	0.00251	19	0.0354	68.7	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0599	0.00000199	0.000109	0.000193	0.00105	
2042 Mar	118	0.0218	0.0598	0.00251	19	0.0354	68.8	0.000958	0.000958	0.00000481	0.00344	0.000517	0.022	0.00836	0.000005	13.7	0.0000118	0.000114	0.00013	0.0011	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00781	0.0000554	0.000154	0.000102	0.0599	0.00000199	0.000109	0.000193	0.00105	
2042 Apr	118	0.0218	0.0598	0.00251	19	0.0355	68.8	0.000959	0.000959	0.00000482	0.00344	0.000517	0.022	0.00837	0.000005	13.7	0.0000119	0.000114	0.00013	0.0011	0.0168	0.00000348	1.12	4.68	0.0155	0.000489	7.34	0.00308	0.00782	0.0000554	0.000154	0.000102	0.0599	0.00000199	0.000109	0.000193	0.00105	
2042 May	118	0.0218	0.0599	0.00252	19	0.0355	68.9	0.00096	0.00096	0.00000482	0.00345	0.000519	0.0221	0.00839	0.00000501	13.8	0.0000119	0.000115	0.00013	0.0011	0.0168	0.00000349	1.13	4.7	0.0156	0.000491	7.36	0.00309	0.00784	0.0000557	0.000155	0.000102	0.06	0.00000199	0.000109	0.000194	0.00105	
2042 Jun	117	0.0217	0.0596	0.00251	18.8	0.0354	68.6	0.000958	0.000958	0.00000481	0.00345	0.000518	0.022	0.00836	0.000005	13.7	0.0000119	0.000115	0.00129	0.00109	0.0168	0.00000349	1.12	4.67	0.0155	0.000488	7.29	0.00308	0.0079	0.0000558	0.000154	0.000102	0.0598	0.00000199	0.000108	0.000194	0.00105	
2042 Jul	115	0.0213	0.0583	0.00247	18.4	0.0351	67	0.000958	0.000958	0.00000481	0.00343	0.000512	0.0215	0.00832	0.00000499	13.5	0.0000117	0.000116	0.00127	0.00109	0.0168	0.00000345	1.11	4.58	0.0152	0.000478	7.17	0.00302	0.00789	0.0000557	0.000152	0.0001	0.0589	0.00000199	0.000106	0.000192	0.00105	
2042 Aug	112	0.0209	0.0568	0.00243	18.1	0.0349	65.2	0.000958	0.000958	0.00000481	0.00341	0.000506	0.0211	0.00829	0.00000499	13.3	0.0000115	0.000114	0.000125	0.00108	0.0168	0.0000034	1.1	4.48	0.0148	0.000467	7.06	0.00295	0.00788	0.0000546	0.000148	0.0000984	0.058	0.00000199	0.000104	0.000187	0.00104	
2042 Sep	110	0.0205	0.0552	0.00238	17.7	0.0346	63.3	0.000959	0.000959	0.00000481	0.0034	0.000498	0.0206	0.00828	0.00000499	13.2	0.0000113	0.000111	0.000125	0.00106	0.0166	0.00000332	1.1	4.38	0.0144	0.000456	6.97	0.00287	0.00784	0.0000534	0.000144	0.0000966	0.0573	0.00000198	0.000101	0.000183	0.00103	
2042 Oct	108	0.0204	0.0543	0.00236	17.6	0.0345	62.3	0.000958	0.000958	0.00000481	0.00339	0.000494	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106	0.0165	0.00000328	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00784	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000996	0.00018	0.00103	
2042 Nov	108	0.0204	0.0544	0.00236	17.6	0.0345	62.3	0.000959	0.000959	0.00000481	0.0034	0.000494	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106	0.0165	0.00000329	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000997	0.00018	0.00103	
2042 Dec	108	0.0204	0.0544	0.00236	17.6	0.0345	62.3	0.000959	0.000959	0.00000481	0.0034	0.000494	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106	0.0165	0.00000329	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00785	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000997	0.00018	0.00103	
2043 Jan	108	0.0204	0.0544	0.00236	17.6	0.0345	62.3	0.000959	0.000959	0.00000481	0.0034	0.000495	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106	0.0165	0.00000329	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00786	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000997	0.00018	0.00103	
2043 Feb	108	0.0204	0.0544	0.00236	17.6	0.0345	62.3	0.000959	0.000959	0.00000481	0.0034	0.000495	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106	0.0165	0.00000329	1.09	4.32	0.0142	0.00045	6.92	0.00282	0.00786	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000997	0.00018	0.00103	
2043 Mar	108	0.0204	0.0544	0.00236	17.6	0.0345	62.3	0.000959	0.000959	0.00000481	0.0034	0.000495	0.0203	0.00828	0.00000498	13.1	0.0000112	0.000109	0.000124	0.00106	0.0165	0.00000329	1.09	4.32	0.0142	0.00045	6.92	0.00283	0.00786	0.0000532	0.000141	0.0000956	0.0569	0.00000198	0.0000997	0.00018	0.00103	
2043 Apr	108	0.0204	0.0544	0.00236	17.6	0.0345	62.3	0.000959	0.000959	0.00000482	0.0034	0.000495	0.0203	0.00829	0.00000499	13.1	0.0000112	0.000109	0.000124	0.00106	0.0166	0.00000329	1.09	4.33	0.0142	0.000451	6.92	0.00283	0.00786	0.0000532	0.000142	0.0000957	0.057	0.00000199	0.0000997	0.00018	0.00103	
2043 May	108	0.0204	0.0545	0.00236	17.6	0.0346	62.4	0.000961	0.000961	0.00000482	0.0034	0.000496	0.0204	0.00831	0.00000499	13.1	0.0000112	0.00011	0.000125	0.00106	0.0166	0.00000333	1.1	4.33	0.0143	0.000451	6.94	0.00283	0.00788	0.0000535	0.000142	0.0000959	0.0571	0.00000199	0.0000999	0.000181	0.00103	
2043 Jun	107	0.0204	0.0539	0.00234	17.4	0.0344	61.7	0.000959	0.000959	0.00000481	0.0034	0.000496	0.0202	0.00834	0.00000498	13.1	0.0000112	0.000111	0.000125	0.00106	0.0168	0.00000329	1.09	4.3	0.0144	0.000447	6.88	0.00281	0.00798	0.0000553	0.000141	0.0000953	0.0569	0.00000198	0.000099	0.000183	0.00103	
2043 Jul	105	0.0199	0.0526	0.00231	17.2	0.0343	60.1	0.000964	0.000964	0.00000484	0.00339	0.00049	0.0197	0.00834	0.000005	12.9	0.0000111	0.000111	0.000123	0.00105	0.0168	0.00000324	1.09	4.21	0.0141	0.000437	6.81	0.00275	0.00794	0.0000554	0.000138	0.0000939	0.0562	0.00000199	0.0000968	0.00018	0.00103	
2043 Aug	103	0.0196	0.0512	0.00228	16.9	0.0342	58.5	0.000968	0.000968	0.00000486	0.00339	0.000484	0.0193	0.00834	0.00000502	12.7	0.0000109	0.00011	0.000122	0.00105	0.0168	0.00000317	1.08	4.12	0.0137	0.000427	6.74	0.00268	0.00789	0.0000547	0.000135	0.0000925	0.0555	0.000002	0.0000945	0.000177	0.00102	
2043 Sep	101	0.0192	0.0498	0.00224	16.7	0.0339	56.8	0.00097	0.00097	0.00000487	0.00338	0.000478	0.0188	0.00834	0.00000502	12.6	0.0000107	0.000107	0.000121	0.00104	0.0166	0.0000031	1.08	4.03	0.0134	0.000417	6.67	0.00261	0.00784	0.0000538	0.000131	0.0000909	0.0549	0.000002	0.0000921	0.000173	0.00102	
2043 Oct	99.5	0.0191	0.0491	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00337	0.000474	0.0186	0.00833	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000307	1.08	3.99	0.0132	0.000412	6.63	0.00258	0.00786	0.0000536	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	
2043 Nov	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.98	0.0132	0.000412	6.63	0.00258	0.00789	0.0000535	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	
2043 Dec	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00338	0.000474	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.98	0.0132	0.000412	6.63	0.00258	0.00789	0.0000535	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	
2044 Jan	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00338	0.000475	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.98	0.0132	0.000412	6.63	0.00258	0.00789	0.0000535	0.000129	0.00009	0.0545	0.000002	0.0000909	0.000171	0.00101	
2044 Feb	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00338	0.000475	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.99	0.0132	0.000412	6.63	0.00258	0.00789	0.0000535	0.000129	0.00009	0.0546	0.000002	0.0000909	0.000171	0.00101	
2044 Mar	99.4	0.0192	0.049	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00338	0.000475	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.99	0.0132	0.000412	6.63	0.00258	0.00789	0.0000535	0.000129	0.00009	0.0546	0.000002	0.0000909	0.000171	0.00101	
2044 Apr	99.5	0.0192	0.0491	0.00222	16.5	0.0338	55.9	0.00097	0.00097	0.00000487	0.00338	0.000475	0.0186	0.00834	0.00000502	12.5	0.0000107	0.000105	0.000121	0.00103	0.0166	0.00000308	1.08	3.99	0.0132	0.000412	6.63	0.00258	0.00789	0.0000536	0.000129	0.00009	0.0546	0.000002	0.0000909	0.000171	0.00101	
2044 May	99.6	0.0192	0.0491	0.00222	16.6	0.0339	56	0.000971	0.000971	0.00000487	0.00338	0.000475	0.0186	0.00835	0.00000503	12.5	0.0000107	0.000106	0.000121	0.00103	0.0166	0.00000308	1.08	3.99	0.0133	0.000413	6.64	0.00258	0.0079	0.0000536	0.000129	0.0000901	0.0546	0.000002	0.0000911	0.000171	0.00102	
2044 Jun	99.3	0.0192	0.049	0.00221	16.5	0.0337	55.8	0.000967	0.000967	0.00000485	0.00339	0.000476	0.0186	0.00834	0.000005	12.5	0.0000107	0.000106	0.000121	0.00103	0.0167	0.00000311	1.08	3.98	0.0133	0.000411	6.6	0.00257	0.00803	0.0000539	0.00013	0.0000899	0.0546	0.00000199

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.6699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2047 Jun	101	0.0207	0.0497	0.00223	16.5	0.034	56.5	0.000971	0.000971	0.00000488	0.00355	0.000509	0.019	0.00873	0.00000503	12.9	0.0000112	0.000113	0.000126	0.00104	0.0181	0.00000345	1.09	4.05	0.0143	0.000422	6.59	0.00263	0.00955	0.0000601	0.000136	0.0000913	0.0566	0.000002	0.0000935	0.000189	0.00105	
2047 Jul	101	0.0207	0.0499	0.00224	16.6	0.0342	56.8	0.000976	0.000976	0.0000049	0.00357	0.000512	0.0191	0.00877	0.00000505	12.9	0.0000113	0.000113	0.000126	0.00104	0.0182	0.00000347	1.1	4.07	0.0144	0.000424	6.62	0.00264	0.00962	0.0000604	0.000137	0.0000917	0.0569	0.00000201	0.000094	0.00019	0.00106	
2047 Aug	102	0.0209	0.0502	0.00225	16.7	0.0343	57	0.000979	0.000979	0.00000491	0.00359	0.000515	0.0192	0.00881	0.00000507	13	0.0000113	0.000114	0.000127	0.00105	0.0183	0.00000349	1.1	4.09	0.0144	0.000426	6.64	0.00265	0.00968	0.0000606	0.000137	0.0000921	0.0571	0.00000202	0.0000944	0.000191	0.00106	
2047 Sep	102	0.021	0.0502	0.00225	16.7	0.0343	57	0.000979	0.000979	0.00000491	0.00359	0.000516	0.0192	0.00882	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000351	1.1	4.09	0.0144	0.000427	6.64	0.00265	0.00976	0.0000605	0.000137	0.0000921	0.0572	0.00000202	0.0000945	0.000191	0.00106	
2047 Oct	102	0.0211	0.0501	0.00225	16.6	0.0343	57	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000427	6.63	0.00265	0.00983	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2047 Nov	102	0.0212	0.0501	0.00225	16.6	0.0343	57	0.000977	0.000977	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000428	6.63	0.00265	0.00985	0.0000603	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2047 Dec	102	0.0212	0.0501	0.00225	16.6	0.0343	57	0.000977	0.000977	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000428	6.63	0.00265	0.00986	0.0000603	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2048 Jan	102	0.0212	0.0501	0.00225	16.6	0.0343	57	0.000977	0.000977	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000428	6.63	0.00265	0.00986	0.0000603	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2048 Feb	102	0.0212	0.0501	0.00225	16.6	0.0343	57	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000428	6.63	0.00265	0.00986	0.0000603	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2048 Mar	102	0.0212	0.0501	0.00225	16.6	0.0343	57	0.000978	0.000978	0.00000491	0.0036	0.000517	0.0192	0.00883	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000428	6.63	0.00265	0.00986	0.0000603	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2048 Apr	102	0.0212	0.0501	0.00225	16.6	0.0344	57	0.000978	0.000978	0.00000491	0.0036	0.000518	0.0192	0.00884	0.00000506	13	0.0000113	0.000114	0.000127	0.00105	0.0184	0.00000352	1.1	4.08	0.0144	0.000428	6.63	0.00265	0.00986	0.0000604	0.000137	0.000092	0.0572	0.00000202	0.0000946	0.000191	0.00106	
2048 May	102	0.0212	0.0502	0.00225	16.7	0.0344	57.1	0.000979	0.000979	0.00000491	0.00361	0.000518	0.0192	0.00885	0.00000507	13	0.0000114	0.000114	0.000127	0.00105	0.0184	0.00000353	1.1	4.09	0.0145	0.000428	6.64	0.00265	0.00988	0.0000604	0.000137	0.0000921	0.0573	0.00000202	0.0000947	0.000191	0.00106	
2048 Jun	102	0.0212	0.0501	0.00225	16.6	0.0343	56.9	0.000976	0.000976	0.0000049	0.00361	0.000519	0.0192	0.00883	0.00000505	13	0.0000114	0.000115	0.000127	0.00104	0.0185	0.00000355	1.1	4.08	0.0145	0.000427	6.61	0.00265	0.0099	0.0000604	0.000138	0.0000919	0.0572	0.00000201	0.0000946	0.000192	0.00107	
2048 Jul	102	0.0212	0.0501	0.00224	16.6	0.0342	56.9	0.000974	0.000974	0.00000489	0.00362	0.00052	0.0192	0.00883	0.00000504	13	0.0000114	0.000115	0.000127	0.00104	0.0185	0.00000358	1.1	4.08	0.0145	0.000427	6.59	0.00265	0.0101	0.0000605	0.000138	0.0000918	0.0572	0.00000201	0.0000947	0.000193	0.00107	
2048 Aug	102	0.0213	0.0502	0.00225	16.6	0.0343	57.1	0.000976	0.000976	0.0000049	0.00363	0.000523	0.0193	0.00885	0.00000505	13	0.0000115	0.000115	0.000127	0.00104	0.0186	0.0000036	1.1	4.09	0.0145	0.000429	6.6	0.00266	0.0102	0.0000606	0.000139	0.0000921	0.0574	0.00000201	0.000095	0.000194	0.00107	
2048 Sep	102	0.0214	0.0502	0.00225	16.6	0.0343	57.1	0.000976	0.000976	0.0000049	0.00364	0.000524	0.0193	0.00887	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000362	1.1	4.09	0.0145	0.00043	6.6	0.00266	0.0103	0.0000605	0.000139	0.0000921	0.0575	0.00000201	0.0000951	0.000194	0.00107	
2048 Oct	102	0.0215	0.0502	0.00225	16.6	0.0343	57.1	0.000975	0.000975	0.00000489	0.00365	0.000525	0.0193	0.00887	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2048 Nov	102	0.0216	0.0502	0.00225	16.6	0.0343	57.1	0.000975	0.000975	0.00000489	0.00365	0.000525	0.0193	0.00887	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2048 Dec	102	0.0216	0.0502	0.00225	16.6	0.0343	57.1	0.000975	0.000975	0.00000489	0.00365	0.000525	0.0193	0.00887	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2049 Jan	102	0.0216	0.0502	0.00225	16.6	0.0343	57.1	0.000975	0.000975	0.00000489	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2049 Feb	102	0.0216	0.0502	0.00225	16.6	0.0343	57.1	0.000975	0.000975	0.00000489	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2049 Mar	102	0.0216	0.0502	0.00225	16.6	0.0343	57.1	0.000975	0.000975	0.00000489	0.00365	0.000525	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2049 Apr	102	0.0216	0.0502	0.00225	16.6	0.0344	57.1	0.000976	0.000976	0.0000049	0.00365	0.000526	0.0193	0.00888	0.00000505	13.1	0.0000115	0.000116	0.000127	0.00104	0.0187	0.00000363	1.1	4.09	0.0145	0.00043	6.59	0.00266	0.0103	0.0000604	0.000138	0.000092	0.0575	0.00000201	0.0000952	0.000194	0.00107	
2049 May	102	0.0216	0.0503	0.00225	16.6	0.0344	57.2	0.000977	0.000977	0.0000049	0.00365	0.000526	0.0193	0.00889	0.00000506	13.1	0.0000115	0.000116	0.000127	0.00105	0.0187	0.00000364	1.1	4.1	0.0146	0.000431	6.6	0.00266	0.0104	0.0000605	0.000139	0.0000922	0.0576	0.00000201	0.0000954	0.000194	0.00107	
2049 Jun	102	0.0216	0.0501	0.00224	16.5	0.0342	57	0.000973	0.000973	0.00000488	0.00366	0.000527	0.0193	0.00888	0.00000504	13.1	0.0000115	0.000116	0.000127	0.00104	0.0188	0.00000366	1.1	4.08	0.0146	0.00043	6.57	0.00266	0.0105	0.0000607	0.000139	0.0000919	0.0575	0.00000201	0.0000952	0.000195	0.00107	
2049 Jul	102	0.0216	0.0502	0.00225	16.5	0.0342	57	0.000972	0.000972	0.00000488	0.00367	0.000529	0.0193	0.00888	0.00000503	13.1	0.0000116	0.000116	0.000127	0.00104	0.0188	0.00000369	1.1	4.09	0.0146	0.00043	6.56	0.00266	0.0106	0.0000608	0.00014	0.0000919	0.0575	0.00000201	0.0000954	0.000196	0.00108	
2049 Aug	102	0.0217	0.0504	0.00226	16.6	0.0344	57.3	0.000977	0.000977	0.0000049	0.00369	0.000532	0.0194	0.00892	0.00000506	13.1	0.0000116	0.000117	0.000127	0.00105	0.0189	0.00000371	1.1	4.11	0.0147	0.000432	6.59	0.00267	0.0106	0.0000611	0.00014	0.0000924	0.0578	0.00000201	0.0000958	0.000197	0.00108	
2049 Sep	102	0.0218	0.0504	0.00226	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.00369	0.000533	0.0194	0.00893	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000373	1.1	4.11	0.0147	0.000433	6.58	0.00267	0.0107	0.0000609	0.00014	0.0000924	0.0579	0.00000201	0.000096	0.000197	0.00108	
2049 Oct	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000975	0.000975	0.0000049	0.0037	0.000534	0.0194	0.00894	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	
2049 Nov	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000975	0.000975	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	
2049 Dec	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000975	0.000975	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	
2050 Jan	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	
2050 Feb	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.1	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	
2050 Mar	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000534	0.0194	0.00895	0.00000505	13.2	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.000096	0.000197	0.00108	
2050 Apr	102	0.022	0.0504	0.00225	16.6	0.0344	57.3	0.000976	0.000976	0.0000049	0.0037	0.000535	0.0194	0.00895	0.00000505	13.2	0.0000116	0.000117	0.000127	0.00105	0.019	0.00000374	1.1	4.11	0.0147	0.000434	6.58	0.00267	0.0108	0.0000608	0.00014	0.0000923	0.0579	0.00000201	0.0000961	0.000197	0.00108	
2050 May	102	0.0221	0.0505	0.00226	16.6	0.0345	57.4	0.000977	0.000977	0.0000049	0.00371	0.000535	0.0195	0.00896	0.00000506	13.2	0.0000116	0.000118	0.000128	0.00105	0.0191	0.00000375	1.1	4.11	0.0147	0.000435	6.58	0.00268	0.0108	0.0000609	0.00014	0.0000924	0.058	0.00000201	0.0000962	0.000198	0.00108	
2050 Jun	102	0.022	0.0504	0.00225	16.5	0.0344	57.3	0.000974	0.000974	0.0000049	0.00371	0.000536	0.0195	0.00896	0.00000504	13.2	0.0000117	0.000118	0.000128	0.00104	0.0191	0.00000377	1.1	4.11	0.0147	0.000434	6.56	0.00267	0.0109	0.0000611	0.00014	0.0000923	0.058	0.00000201	0.0000961	0.000199	0.00108	
2050 Jul	102	0.022	0.0504	0.00225	16.5	0.0343	57.3	0.000973	0.000973	0.00000488	0.00371	0.000537	0.0195	0.00895	0.00000504	13.1	0.0000117	0.000118	0.000127	0.00104	0.0192	0.00000379	1.1	4.1	0.0148	0.000434	6.55	0.00267	0.011	0.0000611	0.00014	0.0000922	0.058	0.00000201	0.0000962	0.000199	0.00108	
2050 Aug	103	0.0221	0.0506	0.00226	16.5	0.0345	57.5	0.000975	0.000975	0.00000489	0.00373	0.00054	0.0195	0.00898	0.00000505	13.2	0.0000117	0.000118	0.000128	0.00105	0.0192	0.00000381	1.1	4.12	0.0148	0.000435	6.56	0.00268	0.0111	0.0000613	0.000142	0.0000925	0.0582	0.00000201	0.0000965	0.0002	0.00109	
2050 Sep	103	0.0222	0.0506	0.00226	16.6	0.0345	57.5	0.000976	0.000976	0.0000049	0.00373	0.000541	0.0196	0.00899	0.00000505	13.2	0.0000117	0.000119	0.000128	0.00105	0.0193	0.00000382	1.1	4.12	0.0148	0.000436	6.57	0.00269	0.0111	0.0000613	0.000142	0.0000926	0.0582	0.00000201	0.0000967	0.0002	0.00109	
2050 Oct	103	0.0223	0.0506	0.00226	16.6	0.0345	57.6	0.000976	0.000976	0.0000049	0.00374	0.000542	0.0196	0.009	0.00000505	13.2	0.0000118	0.000119	0.000128	0.00105	0.0193	0.00000383	1.1	4.12	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000201	0.0000968	0.0002	0.00109	
2050 Nov	103	0.0223	0.0507	0.00226	16.6	0.0345	57.6	0.000976	0.000976	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105	0.0193	0.00000383	1.11	4.13	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000201	0.0000968	0.0002	0.00109	
2051 Jan	103	0.0223	0.0507	0.00226	16.6	0.0345	57.6	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105	0.0193	0.00000383	1.11	4.13	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000201	0.0000968	0.0002	0.00109	
2051 Feb	103	0.0223	0.0507	0.00226	16.6	0.0345	57.6	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105	0.0193	0.00000383	1.11	4.13	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000201	0.0000968	0.0002	0.00109	
2051 Mar	103	0.0223	0.0507	0.00226	16.6	0.0345	57.6	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105	0.0193	0.00000383	1.11	4.13	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000926	0.0583	0.00000201	0.0000968	0.0002	0.00109	
2051 Apr	103	0.0223	0.0507	0.00226	16.6	0.0346	57.6	0.000977	0.000977	0.0000049	0.00374	0.000542	0.0196	0.00901	0.00000506	13.2	0.0000118	0.000119	0.000128	0.00105	0.0193	0.00000383	1.11	4.13	0.0148	0.000437	6.57	0.00269	0.0112	0.0000613	0.000142	0.0000927	0.0583	0.00000202	0.0000968	0.0002	0.00109	
2051 May	103	0.0224	0.0507	0.00227	16.6	0.0346	57.6	0.000978	0.000978	0.00000491	0.00375	0.000544	0.0196	0.00904	0.00000506	13.3	0.0000118	0.000119	0.000128	0.00105	0.0194	0.00000384	1.11	4.13	0.0149	0.000438	6.58	0.00269	0.0112	0.0000619	0.000142	0.0000928	0.0585	0.00000202	0.000097	0.000201	0.00109	
2051 Jun	103	0.0225	0.0505	0.00225	16.5	0.0343	57.3	0.000973	0.000973	0.00000488	0.00376	0.000548	0.0195	0.00913	0.00000504	13.3	0.0000118	0.00012	0.00013	0.00104	0.0198	0.00000388	1.11	4.12	0.0153	0.000435	6.54	0.00268	0.0115	0.0000652	0.000143	0.0000926	0.0587	0.00000201	0.0000966	0.000206	0.00109	
2051 Jul	103	0.0225	0.0506	0.00225	16.5	0.0344	57.4	0.000973	0.000973	0.00000488	0.00377	0.00055	0.0196	0.00914	0.00000504	13.3	0.0000119	0.000121	0.00013	0.00104	0.0198	0.00000391	1.11	4.13	0.0153	0.000436	6.54	0.00269	0.0116	0.0000654	0.000143	0.0000927	0.0588	0.00000201	0.0000969	0.000207	0.0011	
2051 Aug	103	0.0226	0.0507	0.00226	16.5	0.0344	57.5	0.000974	0.000974	0.00000489	0.00378	0.000552	0.0196	0.00916	0.00000505	13.3	0.0000119	0.000121	0.00013	0.00105	0.0199	0.00000393	1.11	4.14	0.0154	0.000437	6.55	0.0027	0.0116	0.0000654	0.000144	0.0000929	0.059	0.00000201	0.0000972	0.000208	0.0011	
2051 Sep	103	0.0227	0.0507	0.00226	16.5	0.0345	57.5	0.000973	0.000973	0.00000489	0.00378	0.000554	0.0196	0.00917	0.00000504	13.4	0.0000119	0.000121	0.00013	0.00105	0.0199	0.00000394	1.11	4.14	0.0154	0.000438	6.54	0.0027	0.0117	0.0000653	0.000144	0.0000929	0.059	0.00000201	0.0000973	0.000208	0.0011	
2051 Oct	103	0.0229	0.0505	0.00225	16.5	0.0344	57.4	0.00097	0.00097	0.00000487	0.00379	0.000554	0.0196	0.00916	0.00000502	13.3	0.0000119	0.000121	0.00013	0.00104	0.0199	0.00000395	1.11	4.13	0.0153	0.000438	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	
2051 Nov	103	0.023	0.0505	0.00225	16.5	0.0344	57.4	0.00097	0.00097	0.00000487	0.00379	0.000554	0.0196	0.00917	0.00000502	13.3	0.0000119	0.000121	0.00013	0.00104	0.02	0.00000396	1.11	4.13	0.0153	0.000439	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	
2051 Dec	103	0.023	0.0505	0.00225	16.5	0.0344	57.4	0.00097	0.00097	0.00000487	0.00379	0.000555	0.0196	0.00917	0.00000502	13.3	0.0000119	0.000121	0.00013	0.00104	0.02	0.00000396	1.11	4.13	0.0153	0.000439	6.52	0.00269	0.0118	0.0000649	0.000143	0.0000926	0.059	0.000002	0.0000972	0.000207	0.0011	
2052 Jan	103	0.023	0.0505	0.00225	16.5	0.0344	57.4	0.00097	0.00097	0.00000487	0.00379	0.000555	0.0196	0.00917	0.00000502	13.3	0.0000119	0.000121	0.00013	0.00104	0.02	0.00000396	1.11	4.13	0.0153	0.000439	6.52	0.00269	0.0118	0.0000649

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.6699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2054 Dec	105	0.0246	0.0515	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00966	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	
2055 Jan	105	0.0246	0.0515	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00966	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	
2055 Feb	105	0.0246	0.0515	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00966	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	
2055 Mar	105	0.0246	0.0515	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106	0.0216	0.00000427	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	
2055 Apr	105	0.0246	0.0515	0.00228	16.7	0.0349	58.3	0.000978	0.000978	0.00000491	0.00394	0.00059	0.02	0.00967	0.00000507	13.8	0.0000123	0.000128	0.000136	0.00106	0.0216	0.00000428	1.13	4.22	0.0166	0.000451	6.56	0.00275	0.0133	0.0000734	0.000148	0.0000946	0.0615	0.00000202	0.0001	0.000224	0.00113	
2055 May	105	0.0246	0.0515	0.00228	16.7	0.0349	58.4	0.000979	0.000979	0.00000492	0.00394	0.000591	0.0201	0.00968	0.00000507	13.8	0.0000124	0.000129	0.000137	0.00106	0.0216	0.00000428	1.13	4.23	0.0166	0.000452	6.57	0.00275	0.0133	0.0000735	0.000149	0.0000947	0.0616	0.00000202	0.0001	0.000224	0.00113	
2055 Jun	105	0.0245	0.0513	0.00227	16.6	0.0348	58.1	0.000976	0.000976	0.0000049	0.00395	0.000591	0.02	0.00965	0.00000505	13.8	0.0000124	0.000129	0.000136	0.00106	0.0216	0.0000043	1.13	4.21	0.0166	0.00045	6.53	0.00274	0.0134	0.0000734	0.000149	0.0000943	0.0614	0.00000201	0.0001	0.000225	0.00113	
2055 Jul	105	0.0245	0.0514	0.00228	16.6	0.0348	58.3	0.000976	0.000976	0.0000049	0.00396	0.000593	0.0201	0.00966	0.00000506	13.8	0.0000124	0.000129	0.000136	0.00106	0.0217	0.00000433	1.13	4.21	0.0166	0.00045	6.53	0.00275	0.0135	0.0000735	0.00015	0.0000944	0.0615	0.00000201	0.0001	0.000226	0.00114	
2055 Aug	105	0.0246	0.0516	0.00228	16.6	0.0349	58.5	0.000979	0.000979	0.00000491	0.00398	0.000595	0.0201	0.0097	0.00000507	13.9	0.0000125	0.000129	0.000137	0.00106	0.0218	0.00000435	1.13	4.23	0.0167	0.000452	6.55	0.00276	0.0136	0.0000737	0.00015	0.0000948	0.0618	0.00000202	0.000101	0.000227	0.00114	
2055 Sep	105	0.0247	0.0517	0.00229	16.7	0.0349	58.5	0.000979	0.000979	0.00000492	0.00398	0.000597	0.0202	0.00971	0.00000507	13.9	0.0000125	0.00013	0.000137	0.00106	0.0218	0.00000436	1.13	4.23	0.0167	0.000453	6.55	0.00276	0.0136	0.0000737	0.00015	0.0000948	0.0618	0.00000202	0.000101	0.000227	0.00114	
2055 Oct	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000597	0.0202	0.00971	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0218	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0136	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2055 Nov	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0136	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2055 Dec	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2056 Jan	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2056 Feb	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2056 Mar	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2056 Apr	105	0.0248	0.0517	0.00229	16.7	0.035	58.6	0.00098	0.00098	0.00000492	0.00399	0.000598	0.0202	0.00972	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000437	1.13	4.24	0.0167	0.000454	6.55	0.00277	0.0137	0.0000737	0.00015	0.0000949	0.0619	0.00000202	0.000101	0.000227	0.00114	
2056 May	105	0.0249	0.0518	0.00229	16.7	0.035	58.6	0.000981	0.000981	0.00000492	0.00399	0.000599	0.0202	0.00975	0.00000508	13.9	0.0000125	0.00013	0.000137	0.00106	0.0219	0.00000438	1.13	4.24	0.0168	0.000454	6.56	0.00277	0.0137	0.0000743	0.000151	0.0000951	0.0621	0.00000202	0.000101	0.000228	0.00114	
2056 Jun	105	0.025	0.0517	0.00228	16.7	0.0349	58.5	0.000977	0.000977	0.0000049	0.00399	0.000602	0.0202	0.00982	0.00000506	14	0.0000125	0.000131	0.000139	0.00106	0.0222	0.0000044	1.13	4.24	0.0171	0.000453	6.54	0.00277	0.0138	0.0000768	0.000151	0.000095	0.0623	0.00000202	0.000101	0.000231	0.00114	
2056 Jul	106	0.0251	0.0519	0.00229	16.7	0.035	58.7	0.00098	0.00098	0.00000492	0.00401	0.000605	0.0202	0.00985	0.00000508	14	0.0000126	0.000132	0.000139	0.00106	0.0223	0.00000442	1.14	4.26	0.0171	0.000455	6.56	0.00278	0.0139	0.0000771	0.000152	0.0000954	0.0625	0.00000202	0.000101	0.000232	0.00115	
2056 Aug	106	0.0252	0.052	0.0023	16.7	0.0351	58.9	0.000982	0.000982	0.00000493	0.00402	0.000607	0.0203	0.00988	0.00000509	14.1	0.0000126	0.000132	0.000139	0.00107	0.0224	0.00000444	1.14	4.27	0.0172	0.000457	6.57	0.00279	0.014	0.0000773	0.000152	0.0000956	0.0627	0.00000203	0.000102	0.000232	0.00115	
2056 Sep	106	0.0253	0.0521	0.0023	16.8	0.0352	59	0.000984	0.000984	0.00000494	0.00403	0.000609	0.0203	0.0099	0.0000051	14.1	0.0000126	0.000132	0.00014	0.00107	0.0224	0.00000446	1.14	4.28	0.0172	0.000458	6.58	0.00279	0.014	0.0000773	0.000152	0.0000958	0.0629	0.00000203	0.000102	0.000233	0.00115	
2056 Oct	106	0.0254	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000493	0.00403	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0224	0.00000447	1.14	4.28	0.0172	0.000458	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2056 Nov	106	0.0255	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000493	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0224	0.00000447	1.14	4.28	0.0172	0.000459	6.57	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2056 Dec	106	0.0255	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000493	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0225	0.00000447	1.14	4.28	0.0172	0.000459	6.57	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2057 Jan	106	0.0255	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000493	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0225	0.00000447	1.14	4.28	0.0172	0.000459	6.57	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2057 Feb	106	0.0255	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000493	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0225	0.00000447	1.14	4.28	0.0172	0.000459	6.57	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2057 Mar	106	0.0255	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000493	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0225	0.00000447	1.14	4.28	0.0172	0.000459	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2057 Apr	106	0.0255	0.0521	0.0023	16.8	0.0352	59	0.000983	0.000983	0.00000494	0.00404	0.00061	0.0203	0.00991	0.00000509	14.1	0.0000126	0.000132	0.00014	0.00107	0.0225	0.00000447	1.14	4.28	0.0172	0.000459	6.58	0.00279	0.0141	0.0000772	0.000152	0.0000957	0.0629	0.00000203	0.000102	0.000233	0.00115	
2057 May	106	0.0255	0.0522	0.0023	16.8	0.0352	59.1	0.000985	0.000985	0.00000494	0.00404	0.000611	0.0204	0.00993	0.0000051	14.1	0.0000127	0.000133	0.00014	0.00107	0.0225	0.00000448	1.14	4.28	0.0172	0.000459	6.59	0.00279	0.0141	0.0000774	0.000152	0.0000959	0.063	0.00000203	0.000102	0.000233	0.00115	
2057 Jun	106	0.0255	0.0521	0.0023	16.7	0.0351	58.9	0.000981	0.000981	0.00000492	0.00404	0.000612	0.0203	0.00994	0.00000508	14.1	0.0000127	0.000133	0.00014	0.00107	0.0226	0.0000045	1.14	4.27	0.0173	0.000458	6.56	0.00279	0.0142	0.0000783	0.000153	0.0000957	0.063	0.00000202	0.000102	0.000235	0.00115	
2057 Jul	106	0.0255	0.0522	0.0023	16.7	0.0351	59.1	0.000982	0.000982	0.00000493	0.00406	0.000615	0.0204	0.00996	0.00000509	14.1	0.0000127	0.000133	0.00014	0.00107	0.0227	0.00000452	1.14	4.29	0.0174	0.000459	6.57	0.0028	0.0143	0.0000785	0.000153	0.0000959	0.0631	0.00000203	0.000102	0.000236	0.00116	
2057 Aug	107	0.0257	0.0525	0.00231	16.8	0.0353	59.4	0.000988	0.000988	0.00000496	0.00408	0.000618	0.0205	0.01	0.00000512	14.2	0.0000128	0.000134	0.000141	0.00107	0.0228	0.00000455	1.15	4.31	0.0175	0.000462	6.6	0.00281	0.0144	0.0000789	0.000154	0.0000964	0.0635	0.00000204	0.000103	0.000237	0.00116	
2057 Sep	107	0.0258	0.0526	0.00232	16.9	0.0354	59.5	0.000989	0.000989	0.00000496	0.00409	0.00062	0.0206	0.01	0.00000512	14.3	0.0000128	0.000134	0.000141	0.00108	0.0229	0.00000457	1.15	4.32	0.0175	0.000463	6.61	0.00282	0.0145	0.0000789	0.000154	0.0000966	0.0636	0.00000204	0.000103	0.000238	0.00116	
2057 Oct	107	0.026	0.0526	0.00232	16.9	0.0354	59.5	0.000989	0.000989	0.00000496	0.0041	0.000621	0.0206	0.01	0.00000512	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	
2057 Nov	107	0.026	0.0526	0.00232	16.9	0.0355	59.5	0.000989	0.000989	0.00000496	0.0041	0.000622	0.0206	0.0101	0.00000512	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	
2057 Dec	107	0.026	0.0526	0.00232	16.9	0.0355	59.5	0.000989	0.000989	0.00000496	0.0041	0.000622	0.0206	0.0101	0.00000512	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	
2058 Jan	107	0.026	0.0526	0.00232	16.9	0.0355	59.5	0.000989	0.000989	0.00000496	0.0041	0.000622	0.0206	0.0101	0.00000512	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	
2058 Feb	107	0.026	0.0526	0.00232	16.9	0.0355	59.5	0.000989	0.000989	0.00000496	0.0041	0.000622	0.0206	0.0101	0.00000512	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000965	0.0637	0.00000204	0.000103	0.000238	0.00116	
2058 Mar	107	0.026	0.0526	0.00232	16.9	0.0355	59.5	0.000989	0.000989	0.00000496	0.0041	0.000622	0.0206	0.0101	0.00000512	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000966	0.0637	0.00000204	0.000103	0.000238	0.00116	
2058 Apr	107	0.026	0.0526	0.00232	16.9	0.0355	59.5	0.000989	0.000989	0.00000497	0.0041	0.000622	0.0206	0.0101	0.00000513	14.3	0.0000128	0.000135	0.000141	0.00108	0.0229	0.00000458	1.15	4.32	0.0175	0.000464	6.61	0.00282	0.0146	0.0000788	0.000154	0.0000966	0.0637	0.00000204	0.000103	0.000238	0.00116	
2058 May	107	0.0262	0.0526	0.00232	16.9	0.0355	59.4	0.00099	0.00099	0.00000497	0.00411	0.000625	0.0206	0.0101	0.00000513	14.3	0.0000129	0.000136	0.000143	0.00108	0.0232	0.0000046	1.16	4.32	0.0178	0.000464	6.62	0.00282	0.0147	0.0000811	0.000155	0.0000968	0.0641	0.00000204	0.000103	0.000241	0.00117	
2058 Jun	107	0.0263	0.0522	0.0023	16.8	0.0351	58.9	0.000983	0.000983	0.00000493	0.00411	0.000632	0.0204	0.0103	0.00000509	14.4	0.0000129	0.000137	0.000146	0.00107	0.0237	0.00000463	1.15	4.31	0.0184	0.000461	6.58	0.0028	0.015	0.000087	0.000155	0.0000966	0.0646	0.00000203	0.000103	0.000248	0.00117	
2058 Jul	107	0.0264	0.0524	0.0023	16.8	0.0352	59.1	0.000985	0.000985	0.00000494	0.00412	0.000634	0.0205	0.0103	0.0000051	14.4	0.000013	0.000138	0.000146	0.00107	0.0238	0.00000465	1.16	4.32	0.0184	0.000462	6.59	0.00281	0.015	0.0000872	0.000156	0.0000969	0.0648	0.00000203	0.000103	0.000249	0.00117	
2058 Aug	107	0.0265	0.0526	0.00231	16.9	0.0353	59.3	0.000988	0.000988	0.00000496	0.00414	0.000637	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000138	0.000146	0.00108	0.0239	0.00000468	1.16	4.34	0.0185	0.000464	6.61	0.00282	0.0151	0.0000875	0.000156	0.0000972	0.065	0.00000204	0.000103	0.00025	0.00118	
2058 Sep	108	0.0266	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000638	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.0239	0.00000469	1.16	4.34	0.0185	0.000465	6.61	0.00283	0.0152	0.0000873	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	
2058 Oct	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000465	6.61	0.00283	0.0152	0.0000872	0.000156	0.0000972	0.0651	0.00000204	0.000104	0.00025	0.00118	
2058 Nov	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000466	6.61	0.00283	0.0153	0.0000872	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	
2058 Dec	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000466	6.61	0.00283	0.0153	0.0000872	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	
2059 Jan	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000466	6.61	0.00283	0.0153	0.0000872	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	
2059 Feb	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000466	6.61	0.00283	0.0153	0.0000872	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	
2059 Mar	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000466	6.61	0.00283	0.0153	0.0000872	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	
2059 Apr	108	0.0268	0.0526	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00415	0.000639	0.0206	0.0104	0.00000512	14.5	0.0000013	0.000139	0.000147	0.00108	0.024	0.00000047	1.16	4.34	0.0185	0.000466	6.61	0.00283	0.0153	0.0000873	0.000156	0.0000972	0.0652	0.00000204	0.000104	0.00025	0.00118	
2059 May	108	0.0269	0.0527	0.00231	16.9	0.0354	59.4	0.000989	0.000989	0.00000497	0.00416	0.000641	0.0206	0.0104	0.00000513	14.6	0.0000013	0.000139	0.000147	0.00108	0.0241	0.00000471	1.16	4.35	0.0186	0.000466	6.62	0.00283	0.0153	0.0000879	0.000157	0.0000974	0.0653	0.00000204	0.000104	0.000251	0.00118	
2059 Jun	108	0.027	0.0527	0.00231	16.9	0.0354	59.4	0.000988	0.000988	0.00000496	0.00417	0.000644	0.0206	0.0105	0.00000512	14.6	0.0000131	0.00014	0.000148	0.00108	0.0243	0.00000474	1.17	4.35	0.0189	0.000466	6.62	0.00283	0.0154	0.0000902	0.000157

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498
2062 Jun	110	0.029	0.0535	0.00234	17.1	0.0359	60.2	0.000994	0.000994
2062 Jul	110	0.029	0.0535	0.00234	17.1	0.0358	60.2	0.000994	0.000994
2062 Aug	110	0.0291	0.0536	0.00234	17.1	0.0359	60.4	0.000995	0.000995
2062 Sep	110	0.0292	0.0536	0.00234	17.1	0.0359	60.3	0.000994	0.000994
2062 Oct	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000988	0.000988
2062 Nov	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989
2062 Dec	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989
2063 Jan	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989
2063 Feb	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989
2063 Mar	109	0.0295	0.0533	0.00233	17	0.0358	60	0.000989	0.000989
2063 Apr	109	0.0296	0.0533	0.00233	17	0.0358	60	0.000989	0.000989
2063 May	110	0.0296	0.0534	0.00233	17	0.0358	60.1	0.000989	0.000989
2063 Jun	109	0.0295	0.053	0.00231	16.9	0.0355	59.6	0.000981	0.000981
2063 Jul	109	0.0295	0.0531	0.00231	16.9	0.0355	59.8	0.000981	0.000981
2063 Aug	109	0.0296	0.0534	0.00232	17	0.0357	60	0.000985	0.000985
2063 Sep	110	0.0298	0.0534	0.00232	17	0.0357	60.1	0.000986	0.000986
2063 Oct	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2063 Nov	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2063 Dec	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2064 Jan	109	0.0299	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2064 Feb	109	0.03	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2064 Mar	110	0.03	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2064 Apr	110	0.03	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2064 May	110	0.0301	0.0533	0.00232	17	0.0357	60	0.000985	0.000985
2064 Jun	109	0.0302	0.0531	0.00231	16.9	0.0355	59.6	0.000979	0.000979
2064 Jul	110	0.0303	0.0533	0.00232	17	0.0356	59.9	0.000982	0.000982
2064 Aug	110	0.0303	0.0534	0.00232	17	0.0357	60	0.000984	0.000984
2064 Sep	110	0.0305	0.0534	0.00232	17	0.0357	59.9	0.000983	0.000983
2064 Oct	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000983	0.000983
2064 Nov	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984
2064 Dec	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984
2065 Jan	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984
2065 Feb	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984
2065 Mar	110	0.0306	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984
2065 Apr	110	0.0307	0.0534	0.00232	17	0.0357	59.9	0.000984	0.000984
2065 May	110	0.0307	0.0534	0.00232	17	0.0358	60	0.000985	0.000985
2065 Jun	110	0.0307	0.0533	0.00231	17	0.0356	59.8	0.000981	0.000981
2065 Jul	110	0.0309	0.0536	0.00232	17.1	0.0357	60.1	0.000985	0.000985
2065 Aug	111	0.031	0.0538	0.00233	17.1	0.0359	60.3	0.000989	0.000989
2065 Sep	111	0.0312	0.0537	0.00233	17.1	0.0359	60.3	0.000987	0.000987
2065 Oct	110	0.0314	0.0535	0.00232	17	0.0358	60	0.000983	0.000983
2065 Nov	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983
2065 Dec	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983
2066 Jan	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983
2066 Feb	110	0.0315	0.0534	0.00232	17	0.0358	60	0.000983	0.000983
2066 Mar	110	0.0315	0.0535	0.00232	17	0.0358	60	0.000983	0.000983
2066 Apr	110	0.0315	0.0535	0.00232	17	0.0358	60	0.000983	0.000983
2066 May	110	0.0315	0.0535	0.00232	17	0.0359	60.1	0.000984	0.000984
2066 Jun	110	0.0314	0.0533	0.00231	16.9	0.0357	59.8	0.000979	0.000979
2066 Jul	110	0.0315	0.0536	0.00232	17	0.0358	60.1	0.000984	0.000984
2066 Aug	111	0.0317	0.0538	0.00233	17.1	0.036	60.4	0.000987	0.000987
2066 Sep	111	0.0318	0.0538	0.00233	17.1	0.036	60.4	0.000988	0.000988
2066 Oct	111	0.032	0.0538	0.00233	17.1	0.036	60.3	0.000986	0.000986
2066 Nov	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986
2066 Dec	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986
2067 Jan	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986
2067 Feb	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986
2067 Mar	111	0.032	0.0537	0.00233	17.1	0.036	60.3	0.000986	0.000986
2067 Apr	111	0.032	0.0538	0.00233	17.1	0.036	60.3	0.000986	0.000986
2067 May	111	0.0321	0.0538	0.00233	17.1	0.0361	60.4	0.000988	0.000988
2067 Jun	111	0.0321	0.0538	0.00233	17.1	0.0359	60.3	0.000984	0.000984
2067 Jul	111	0.0322	0.054	0.00234	17.1	0.0361	60.6	0.000989	0.000989
2067 Aug	112	0.0323	0.0542	0.00235	17.2	0.0362	60.8	0.000991	0.000991
2067 Sep	112	0.0324	0.0542	0.00235	17.2	0.0363	60.8	0.000992	0.000992
2067 Oct	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099
2067 Nov	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099
2067 Dec	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099
2068 Jan	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099
2068 Feb	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099
2068 Mar	112	0.0326	0.0541	0.00234	17.1	0.0363	60.7	0.00099	0.00099
2068 Apr	112	0.0327	0.0541	0.00234	17.2	0.0363	60.7	0.000991	0.000991
2068 May	112	0.0327	0.0542	0.00235	17.2	0.0363	60.8	0.000992	0.000992
2068 Jun	111	0.0326	0.0538	0.00233	17.1	0.0359	60.3	0.000983	0.000983
2068 Jul	111	0.0327	0.054	0.00233	17.1	0.036	60.5	0.000985	0.000985
2068 Aug	112	0.0328	0.0542	0.00234	17.2	0.0362	60.8	0.000989	0.000989
2068 Sep	112	0.033	0.0542	0.00234	17.2	0.0362	60.8	0.000989	0.000989
2068 Oct	112	0.0331	0.0542	0.00234	17.2	0.0363	60.8	0.000989	0.000989
2068 Nov	112	0.0331	0.0543	0.00234	17.2	0.0363	60.8	0.00099	0.00099
2068 Dec	112	0.0331	0.0543	0.00234	17.2	0.0363	60.8	0.00099	0.00099
2069 Jan	112	0.0331	0.0543	0.00234	17.2	0.0363	60.8	0.00099	0.00099
2069 Feb	112	0.0331	0.0543	0.00234	17.2	0.0363	60.8	0.00099	0.00099
2069 Mar	112	0.0331	0.0543	0.00234	17.2	0.0363	60.8	0.00099	0.00099
2069 Apr	112	0.0331	0.0543	0.00234	17.2	0.0363	60.8	0.00099	0.00099
2069 May	112	0.0332	0.0544	0.00235	17.2	0.0363	60.9	0.000992	0.000992
2069 Jun	112	0.0331	0.0542	0.00234	17.1	0.0362	60.8	0.000988	0.000988
2069 Jul	112	0.0332	0.0544	0.00235	17.2	0.0363	61	0.000991	0.000991
2069 Aug	113	0.0333	0.0546	0.00236	17.2	0.0364	61.2	0.000994	0.000994
2069 Sep	113	0.0334	0.0546	0.00235	17.2	0.0364	61.1	0.000992	0.000992
2069 Oct	112	0.0335	0.0544	0.00235	17.1	0.0363	60.9	0.000988	0.000988
2069 Nov	112	0.0336	0.0544	0.00235	17.1	0.0363	60.9	0.000988	0.000988

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061
Operation (2026-2036): Mean	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905
Operation (2026-2036): Max	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.0699	0.000052	513	241	0.332	0.124
2062 Jun	0.00000499	0.00432	0.00068	0.021	0.011	0.00000515	15.1	0.0000135	0.000147	0.000155	0.0011	0.026	0.00000505	1.19	4.44	0.0201	0.000479
2062 Jul	0.00000499	0.00433	0.000681	0.0211	0.011	0.00000515	15.1	0.0000136	0.000148	0.000155	0.0011	0.026	0.00000507	1.19	4.44	0.0201	0.00048
2062 Aug	0.000005	0.00434	0.000684	0.0211	0.011	0.00000516	15.1	0.0000136	0.000148	0.000155	0.0011	0.0261	0.00000509	1.19	4.45	0.0202	0.000481
2062 Sep	0.00000499	0.00435	0.000685	0.0211	0.011	0.00000515	15.1	0.0000136	0.000148	0.000155	0.0011	0.0261	0.0000051	1.19	4.45	0.0201	0.000482
2062 Oct	0.00000496	0.00434	0.000684	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109	0.026	0.00000511	1.18	4.43	0.02	0.000481
2062 Nov	0.00000496	0.00434	0.000684	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109	0.026	0.00000511	1.18	4.43	0.02	0.000481
2062 Dec	0.00000496	0.00434	0.000684	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109	0.0261	0.00000511	1.18	4.43	0.02	0.000481
2063 Jan	0.00000496	0.00434	0.000684	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109	0.0261	0.00000511	1.18	4.43	0.02	0.000481
2063 Feb	0.00000496	0.00434	0.000684	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109	0.0261	0.00000511	1.18	4.43	0.02	0.000481
2063 Mar	0.00000496	0.00434	0.000684	0.021	0.011	0.00000512	15.1	0.0000135	0.000148	0.000154	0.00109	0.0261	0.00000511	1.18	4.43	0.02	0.000481
2063 Apr	0.00000496	0.00435	0.000684	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000154	0.00109	0.0261	0.00000511	1.18	4.43	0.02	0.000481
2063 May	0.00000497	0.00435	0.000685	0.021	0.011	0.00000513	15.1	0.0000135	0.000148	0.000155	0.00109	0.0261	0.00000512	1.19	4.43	0.0201	0.000482
2063 Jun	0.00000492	0.00433	0.000685	0.0209	0.011	0.00000508	15.1	0.0000135	0.000148	0.000155	0.00108	0.0263	0.00000512	1.18	4.41	0.0203	0.000478
2063 Jul	0.00000492	0.00434	0.000687	0.0209	0.0111	0.00000509	15.1	0.0000136	0.000148	0.000155	0.00108	0.0263	0.00000514	1.18	4.42	0.0203	0.000479
2063 Aug	0.00000494	0.00436	0.00069	0.021	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109	0.0264	0.00000517	1.19	4.44	0.0204	0.000481
2063 Sep	0.00000495	0.00437	0.000692	0.0211	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.00000519	1.19	4.44	0.0204	0.000482
2063 Oct	0.00000494	0.00437	0.000692	0.0211	0.0111	0.0000051	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.00000519	1.19	4.44	0.0204	0.000482
2063 Nov	0.00000494	0.00438	0.000692	0.0211	0.0111	0.0000051	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.00000519	1.19	4.44	0.0204	0.000482
2063 Dec	0.00000494	0.00438	0.000692	0.0211	0.0111	0.0000051	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.00000519	1.19	4.44	0.0204	0.000482
2064 Jan	0.00000494	0.00438	0.000692	0.0211	0.0111	0.0000051	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.00000519	1.19	4.44	0.0204	0.000482
2064 Feb	0.00000494	0.00438	0.000692	0.0211	0.0111	0.0000051	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.00000519	1.19	4.44	0.0204	0.000482
2064 Mar	0.00000494	0.00438	0.000692	0.0211	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.0000052	1.19	4.44	0.0204	0.000482
2064 Apr	0.00000494	0.00438	0.000693	0.0211	0.0111	0.00000511	15.2	0.0000136	0.000149	0.000156	0.00109	0.0265	0.0000052	1.19	4.44	0.0204	0.000483
2064 May	0.00000495	0.00438	0.000695	0.0211	0.0112	0.00000511	15.2	0.0000137	0.00015	0.000157	0.00109	0.0267	0.00000521	1.19	4.44	0.0206	0.000482
2064 Jun	0.00000492	0.00438	0.000699	0.021	0.0113	0.00000508	15.3	0.0000137	0.000151	0.000159	0.00109	0.0271	0.00000522	1.19	4.43	0.021	0.00048
2064 Jul	0.00000493	0.00439	0.000702	0.021	0.0113	0.00000509	15.3	0.0000137	0.000152	0.000159	0.00109	0.0272	0.00000525	1.19	4.45	0.0211	0.000482
2064 Aug	0.00000494	0.0044	0.000705	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109	0.0272	0.00000527	1.19	4.46	0.0212	0.000483
2064 Sep	0.00000493	0.00441	0.000706	0.0211	0.0114	0.00000509	15.4	0.0000137	0.000152	0.00016	0.00109	0.0273	0.00000529	1.19	4.46	0.0211	0.000484
2064 Oct	0.00000494	0.00441	0.000706	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109	0.0273	0.0000053	1.19	4.45	0.0211	0.000484
2064 Nov	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000152	0.00016	0.00109	0.0273	0.0000053	1.19	4.46	0.0211	0.000484
2064 Dec	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109	0.0273	0.0000053	1.19	4.46	0.0211	0.000484
2065 Jan	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109	0.0273	0.0000053	1.19	4.46	0.0211	0.000484
2065 Feb	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109	0.0273	0.0000053	1.19	4.46	0.0211	0.000484
2065 Mar	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109	0.0273	0.0000053	1.19	4.46	0.0211	0.000484
2065 Apr	0.00000494	0.00442	0.000707	0.0211	0.0114	0.0000051	15.4	0.0000137	0.000153	0.00016	0.00109	0.0273	0.0000053	1.19	4.46	0.0211	0.000485
2065 May	0.00000494	0.00443	0.00071	0.0211	0.0114	0.00000511	15.4	0.0000138	0.000153	0.000161	0.00109	0.0275	0.00000531	1.2	4.46	0.0213	0.000485
2065 Jun	0.00000492	0.00442	0.000711	0.0211	0.0115	0.00000508	15.4	0.0000138	0.000154	0.000161	0.00109	0.0276	0.00000532	1.19	4.46	0.0214	0.000483
2065 Jul	0.00000494	0.00445	0.000714	0.0212	0.0115	0.00000511	15.5	0.0000139	0.000154	0.000162	0.0011	0.0277	0.00000536	1.2	4.48	0.0215	0.000486
2065 Aug	0.00000496	0.00446	0.000718	0.0213	0.0116	0.00000513	15.6	0.0000139	0.000155	0.000162	0.0011	0.0279	0.00000539	1.2	4.5	0.0216	0.000488
2065 Sep	0.00000495	0.00447	0.000719	0.0213	0.0116	0.00000512	15.6	0.0000139	0.000155	0.000162	0.0011	0.0279	0.0000054	1.2	4.49	0.0216	0.000489
2065 Oct	0.00000493	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109	0.0278	0.0000054	1.2	4.47	0.0215	0.000488
2065 Nov	0.00000493	0.00447	0.000718	0.0212	0.0115	0.00000509	15.5	0.0000139	0.000155	0.000161	0.00109	0.0278	0.00000541	1.2	4.47	0.0215	0.000488
2065 Dec	0.00000493	0.00447	0.000718	0.0212	0.0115	0.00000509	15.5	0.0000139	0.000155	0.000161	0.00109	0.0278	0.00000541	1.2	4.47	0.0215	0.000488
2066 Jan	0.00000493	0.00447	0.000718	0.0212	0.0115	0.00000509	15.5	0.0000139	0.000155	0.000161	0.00109	0.0278	0.00000541	1.2	4.47	0.0215	0.000488
2066 Feb	0.00000493	0.00447	0.000718	0.0212	0.0115	0.00000509	15.5	0.0000139	0.000155	0.000161	0.00109	0.0278	0.00000541	1.2	4.47	0.0215	0.000488
2066 Mar	0.00000493	0.00447	0.000718	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109	0.0278	0.00000541	1.2	4.47	0.0215	0.000489
2066 Apr	0.00000493	0.00447	0.000719	0.0212	0.0115	0.0000051	15.5	0.0000139	0.000155	0.000161	0.00109	0.0279	0.00000541	1.2	4.47	0.0215	0.000489
2066 May	0.00000494	0.00448	0.000719	0.0212	0.0116	0.0000051	15.5	0.0000139	0.000155	0.000162	0.0011	0.0279	0.00000541	1.2	4.48	0.0215	0.000489
2066 Jun	0.00000491	0.00447	0.000719	0.0211	0.0115	0.00000508	15.5	0.0000139	0.000155	0.000161	0.00109	0.0279	0.00000542	1.19	4.46	0.0215	0.000487
2066 Jul	0.00000494	0.0045	0.000723	0.0213	0.0116	0.0000051	15.6	0.000014	0.000156	0.000162	0.00109	0.0281	0.00000546	1.2	4.48	0.0216	0.000489
2066 Aug	0.00000496	0.00451	0.000727	0.0213	0.0116	0.00000512	15.6	0.000014	0.000156	0.000163	0.0011	0.0282	0.00000549	1.2	4.5	0.0217	0.000492
2066 Sep	0.00000496	0.00452	0.000728	0.0214	0.0116	0.00000512	15.6	0.000014	0.000157	0.000163	0.0011	0.0282	0.00000551	1.21	4.5	0.0217	0.000493
2066 Oct	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0282	0.00000551	1.2	4.5	0.0217	0.000493
2066 Nov	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0282	0.00000551	1.2	4.5	0.0217	0.000493
2066 Dec	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0282	0.00000552	1.2	4.5	0.0217	0.000493
2067 Jan	0.00000495	0.00453	0.000728	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0282	0.00000552	1.2	4.5	0.0217	0.000493
2067 Feb	0.00000495	0.00453	0.000729	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0282	0.00000552	1.2	4.5	0.0217	0.000493
2067 Mar	0.00000495	0.00453	0.000729	0.0213	0.0116	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0282	0.00000552	1.2	4.5	0.0217	0.000493
2067 Apr	0.00000495	0.00453	0.000729	0.0214	0.0117	0.00000511	15.6	0.000014	0.000157	0.000162	0.0011	0.0283	0.00000552	1.2	4.5	0.0217	0.000493
2067 May	0.00000496	0.00454	0.00073	0.0214	0.0117	0.00000512	15.7	0.0000141	0.000157	0.000163	0.0011	0.0283	0.00000553	1.21	4.51	0.0218	0.000494
2067 Jun	0.00000494	0.00453	0.000731	0.0213	0.0117	0.0000051	15.7	0.0000141	0.000157	0.000163	0.0011	0.0284	0.00000554	1.2	4.5	0.0219	0.000493
2067 Jul	0.00000497	0.00456	0.000735	0.0215	0.0118	0.00000513	15.8	0.0000141	0.000158	0.000164	0.0011	0.0286	0.00000557	1.21	4.52	0.022	0.000495
2067 Aug	0.00000498	0.00457	0.000738	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000158	0.000164	0.00111	0.0287	0.0000056	1.21	4.53	0.022	0.000497
2067 Sep	0.00000498	0.00458	0.00074	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000165	0.00111	0.0287	0.00000561	1.21	4.54	0.0221	0.000498
2067 Oct	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111	0.0287	0.00000561	1.21	4.53	0.022	0.000498
2067 Nov	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111	0.0287	0.00000562	1.21	4.53	0.022	0.000498
2067 Dec	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111	0.0287	0.00000562	1.21	4.53	0.022	0.000498
2068 Jan	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111	0.0287	0.00000562	1.21	4.53	0.022	0.000498
2068 Feb	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111	0.0287	0.00000562	1.21	4.53	0.022	0.000498
2068 Mar	0.00000497	0.00458	0.00074	0.0215	0.0118	0.00000513	15.8	0.0000142	0.000159	0.000164	0.00111	0.0287	0.00000562	1.21	4.53	0.022	0.000498
2068 Apr	0.00000497	0.00459	0.000741	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000164	0.00111	0.0288	0.00000562	1.21	4.53	0.022	0.000498
2068 May	0.00000498	0.00459	0.000742	0.0215	0.0118	0.00000514	15.8	0.0000142	0.000159	0.000165	0.00111	0.0289	0.00000563	1.22	4.54	0.0221	0.000499
2068 Jun	0.00000493	0.00457	0.000743	0.0214	0.0119	0.0000051	15.8	0.0000142	0.00016	0.000166	0.0011	0.029	0.00000563	1.21	4.52	0.0224	0.000495
2068 Jul	0.00000494	0.00459	0.000745	0.0215	0.0119	0.00000511	15.9	0.0000142	0.00016	0.000166	0.0011	0.0291	0.00000566	1.21	4.53	0.0224	0.000496
2068 Aug	0.00000496	0.00461	0.000749	0.0216	0.012	0.00000513	15.9	0.0000143	0.000161	0.000167	0.00111	0.0293	0.00000569	1.22	4.55	0.0225	0.000499
2068 Sep	0.00000497	0.00461	0.000751	0.0216	0.012	0.00000513	15.9	0.0000143	0.000161	0.000167	0.00111	0.0293	0.0000057	1.22	4.55	0.0225	0.0005
2068 Oct	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	15.9	0.0000143	0.000161	0.000167	0.00111	0.0293	0.00000571	1.22	4.55	0.0225	0.0005
2068 Nov	0.00000497	0.00462	0.000751	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111	0.0293	0.00000571	1.22	4.55	0.0225	0.0005
2068 Dec	0.00000497	0.00462	0.000752	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111	0.0293	0.00000571	1.22	4.55	0.0225	0.0005
2069 Jan	0.00000497	0.00462	0.000752	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111	0.0294	0.00000571	1.22	4.55	0.0226	0.0005
2069 Feb	0.00000497	0.00462	0.000752	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111	0.0294	0.00000571	1.22	4.55	0.0226	0.0005
2069 Mar	0.00000497	0.00462	0.000752	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111	0.0294	0.00000571	1.22	4.55	0.0226	0.0005
2069 Apr	0.00000497	0.00462	0.000752	0.0216	0.012	0.00000513	16	0.0000143	0.000161	0.000167	0.00111	0.0294	0.00000571	1.22	4.55	0.0226	0.0005
2069 May	0.00000498	0.00463	0.000753	0.0216	0.012	0.00000514	16	0.0000143	0.000161	0.000167	0.00111	0.0294	0.00000572	1.22	4.56	0.0226	0.000501
2069 Jun	0.00000496	0.00463	0.000753	0.0216	0.012	0.00000512	16	0.0000143	0.000162	0.000167	0.00111	0.0294	0.00000573	1.22	4.55	0.0226	0.0005
2069 Jul	0.00000498	0.00465	0.000756	0.0217	0.012	0.00000514	16	0.0000144	0.000162	0.000168	0.00111	0.0295	0.00000577	1.22	4.57	0.0227	0.000501
2069 Aug	0.00000499	0.00466	0.000759	0.0218	0.0121	0.00000515	16.1	0.0000144	0.000163	0.000168	0.00111	0.0296	0.00000579	1.22	4.58	0.0228	0.000503
2069 Sep	0.00000498	0.00466	0.000759	0.0217	0.0121	0.00000514	16	0.0000144	0.000163	0.000168	0.00111	0.0296	0.0000058	1.22	4.58	0.0227	0.000504
2069 Oct	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.00000579	1.22	4.56	0.0226	0.000503
2069 Nov	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000512	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.0000058	1.22	4.56	0.0226	0.000503

Constituents	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2062 Jun	6.65	0.00289	0.0169	0.0000985	0.000162	0.0000993	0.0682	0.00000205	0.000107	0.00027	0.00121	
2062 Jul	6.64	0.00289	0.017	0.0000985	0.000162	0.0000994	0.0683	0.00000205	0.000107	0.000271	0.00121	
2062 Aug	6.65	0.0029	0.0171	0.0000986	0.000162	0.0000995	0.0684	0.00000205	0.000107	0.000271	0.00121	
2062 Sep	6.64	0.00289	0.0171	0.0000983	0.000162	0.0000995	0.0684	0.00000205	0.000107	0.000271	0.00121	
2062 Oct	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2062 Nov	6.6	0.00288	0.0172	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2062 Dec	6.6	0.00288	0.0172	0.0000973	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2063 Jan	6.6	0.00288	0.0173	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2063 Feb	6.6	0.00288	0.0173	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2063 Mar	6.6	0.00288	0.0173	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2063 Apr	6.6	0.00288	0.0173	0.0000974	0.000161	0.0000989	0.0682	0.00000204	0.000107	0.000269	0.00121	
2063 May	6.61	0.00288	0.0173	0.0000979	0.000161	0.000099	0.0683	0.00000204	0.000107	0.00027	0.00121	
2063 Jun	6.55	0.00287	0.0174	0.0000999	0.000161	0.0000985	0.0682	0.00000202	0.000106	0.000273	0.0012	
2063 Jul	6.55	0.00287	0.0174	0.0000999	0.000162	0.0000986	0.0683	0.00000203	0.000107	0.000274	0.00121	
2063 Aug	6.57	0.00289	0.0175	0.0001	0.000163	0.000099	0.0686	0.00000203	0.000107	0.000275	0.00121	
2063 Sep	6.58	0.00289	0.0176	0.0001	0.000163	0.0000991	0.0687	0.00000204	0.000107	0.000275	0.00121	
2063 Oct	6.57	0.00289	0.0177	0.0000999	0.000163	0.000099	0.0686	0.00000203	0.000107	0.000274	0.00121	
2063 Nov	6.57	0.00288	0.0177	0.0000999	0.000162	0.000099	0.0687	0.00000203	0.000107	0.000274	0.00121	
2063 Dec	6.57	0.00288	0.0177	0.0000999	0.000162	0.000099	0.0687	0.00000203	0.000107	0.000274	0.00121	
2064 Jan	6.57	0.00288	0.0177	0.0000999	0.000162	0.000099	0.0687	0.00000203	0.000107	0.000274	0.00121	
2064 Feb	6.57	0.00288	0.0177	0.0000999	0.000162	0.000099	0.0687	0.00000203	0.000107	0.000274	0.00121	
2064 Mar	6.57	0.00289	0.0177	0.0001	0.000163	0.000099	0.0687	0.00000203	0.000107	0.000275	0.00121	
2064 Apr	6.57	0.00289	0.0177	0.0001	0.000163	0.000099	0.0687	0.00000203	0.000107	0.000275	0.00121	
2064 May	6.57	0.00289	0.0178	0.000102	0.000163	0.0000991	0.0689	0.00000203	0.000107	0.000277	0.00121	
2064 Jun	6.55	0.00288	0.0179	0.000106	0.000163	0.000099	0.0693	0.00000202	0.000107	0.000282	0.00121	
2064 Jul	6.56	0.00289	0.018	0.000106	0.000164	0.0000994	0.0696	0.00000203	0.000107	0.000283	0.00122	
2064 Aug	6.57	0.00289	0.0181	0.000107	0.000164	0.0000996	0.0697	0.00000203	0.000108	0.000283	0.00122	
2064 Sep	6.56	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0697	0.00000203	0.000108	0.000283	0.00122	
2064 Oct	6.56	0.00289	0.0182	0.000106	0.000164	0.0000994	0.0698	0.00000203	0.000108	0.000283	0.00122	
2064 Nov	6.57	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	
2064 Dec	6.57	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	
2065 Jan	6.57	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	
2065 Feb	6.57	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	
2065 Mar	6.57	0.00289	0.0182	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	
2065 Apr	6.57	0.00289	0.0183	0.000106	0.000164	0.0000995	0.0698	0.00000203	0.000108	0.000283	0.00122	
2065 May	6.58	0.0029	0.0183	0.000107	0.000164	0.0000997	0.0701	0.00000203	0.000108	0.000285	0.00122	
2065 Jun	6.55	0.00289	0.0184	0.000109	0.000164	0.0000995	0.0701	0.00000202	0.000108	0.000287	0.00122	
2065 Jul	6.58	0.0029	0.0185	0.000109	0.000165	0.0001	0.0704	0.00000203	0.000108	0.000288	0.00123	
2065 Aug	6.6	0.00292	0.0186	0.00011	0.000166	0.0001	0.0707	0.00000204	0.000109	0.000289	0.00123	
2065 Sep	6.59	0.00291	0.0187	0.000109	0.000166	0.0001	0.0707	0.00000204	0.000109	0.000289	0.00123	
2065 Oct	6.56	0.0029	0.0188	0.000108	0.000165	0.0000998	0.0705	0.00000203	0.000109	0.000287	0.00122	
2065 Nov	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	
2065 Dec	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	
2066 Jan	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	
2066 Feb	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000287	0.00122	
2066 Mar	6.55	0.0029	0.0188	0.000108	0.000165	0.0000997	0.0705	0.00000203	0.000109	0.000288	0.00122	
2066 Apr	6.56	0.0029	0.0188	0.000108	0.000165	0.0000998	0.0705	0.00000203	0.000109	0.000288	0.00122	
2066 May	6.56	0.00291	0.0188	0.000108	0.000165	0.0000999	0.0706	0.00000203	0.000109	0.000288	0.00123	
2066 Jun	6.52	0.0029	0.0189	0.000109	0.000165	0.0000995	0.0704	0.00000202	0.000108	0.000289	0.00123	
2066 Jul	6.55	0.00291	0.019	0.000109	0.000166	0.0001	0.0708	0.00000203	0.000109	0.000291	0.00123	
2066 Aug	6.57	0.00292	0.0191	0.00011	0.000167	0.0001	0.0711	0.00000204	0.000109	0.000292	0.00124	
2066 Sep	6.57	0.00293	0.0192	0.00011	0.000167	0.0001	0.0712	0.00000204	0.00011	0.000292	0.00124	
2066 Oct	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2066 Nov	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2066 Dec	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2067 Jan	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2067 Feb	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2067 Mar	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2067 Apr	6.56	0.00292	0.0193	0.000109	0.000166	0.0001	0.0711	0.00000204	0.00011	0.000291	0.00124	
2067 May	6.57	0.00293	0.0193	0.00011	0.000167	0.0001	0.0713	0.00000204	0.00011	0.000292	0.00124	
2067 Jun	6.55	0.00292	0.0194	0.000111	0.000167	0.0001	0.0714	0.00000203	0.00011	0.000294	0.00124	
2067 Jul	6.58	0.00294	0.0195	0.000111	0.000168	0.000101	0.0717	0.00000204	0.00011	0.000295	0.00124	
2067 Aug	6.59	0.00295	0.0196	0.000112	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000296	0.00125	
2067 Sep	6.6	0.00295	0.0197	0.000112	0.000168	0.000101	0.072	0.00000205	0.000111	0.000296	0.00125	
2067 Oct	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000204	0.000111	0.000295	0.00125	
2067 Nov	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000204	0.000111	0.000295	0.00125	
2067 Dec	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000204	0.000111	0.000295	0.00125	
2068 Jan	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000204	0.000111	0.000295	0.00125	
2068 Feb	6.58	0.00294	0.0197	0.000111	0.000168	0.000101	0.0719	0.00000204	0.000111	0.000295	0.00125	
2068 Mar	6.58	0.00294	0.0198	0.000111	0.000168	0.000101	0.0719	0.00000205	0.000111	0.000295	0.00125	
2068 Apr	6.59	0.00295	0.0198	0.000111	0.000168	0.000101	0.072	0.00000205	0.000111	0.000296	0.00125	
2068 May	6.59	0.00295	0.0198	0.000112	0.000168	0.000101	0.0722	0.00000205	0.000111	0.000297	0.00125	
2068 Jun	6.54	0.00293	0.0199	0.000115	0.000168	0.000101	0.0722	0.00000203	0.00011	0.0003	0.00124	
2068 Jul	6.55	0.00294	0.02	0.000115	0.000169	0.000101	0.0723	0.00000203	0.000111	0.000301	0.00125	
2068 Aug	6.58	0.00295	0.0201	0.000116	0.00017	0.000101	0.0727	0.00000204	0.000111	0.000302	0.00125	
2068 Sep	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0727	0.00000204	0.000111	0.000302	0.00125	
2068 Oct	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	
2068 Nov	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	
2068 Dec	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	
2069 Jan	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	
2069 Feb	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	
2069 Mar	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00125	
2069 Apr	6.58	0.00296	0.0202	0.000115	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000302	0.00126	
2069 May	6.59	0.00296	0.0203	0.000116	0.00017	0.000102	0.0729	0.00000205	0.000111	0.000303	0.00126	
2069 Jun	6.57	0.00296	0.0203	0.000116	0.00017	0.000101	0.0728	0.00000204	0.000111	0.000304	0.00126	
2069 Jul	6.58	0.00297	0.0204	0.000116	0.000171	0.000102	0.0731	0.00000205	0.000112	0.000305	0.00126	
2069 Aug	6.6	0.00298	0.0205	0.000116	0.000172	0.000102	0.0733	0.00000205	0.000112	0.000306	0.00127	
2069 Sep	6.59	0.00297	0.0205	0.000116	0.000171	0.000102	0.0732	0.00000205	0.000112	0.000305	0.00126	
2069 Oct	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	
2069 Nov	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.0699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2069 Dec	112	0.0336	0.0544	0.00235	17.1	0.0364	60.9	0.000988	0.000988	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.0000058	1.22	4.56	0.0226	0.000503	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	
2070 Jan	112	0.0336	0.0544	0.00235	17.1	0.0364	60.9	0.000988	0.000988	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.0000058	1.22	4.56	0.0226	0.000503	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	
2070 Feb	112	0.0336	0.0544	0.00235	17.1	0.0364	60.9	0.000988	0.000988	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.0000058	1.22	4.56	0.0226	0.000503	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	
2070 Mar	112	0.0336	0.0544	0.00235	17.1	0.0364	60.9	0.000988	0.000988	0.00000496	0.00466	0.000758	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.0000058	1.22	4.56	0.0226	0.000503	6.56	0.00297	0.0206	0.000115	0.00017	0.000101	0.0731	0.00000204	0.000112	0.000304	0.00126	
2070 Apr	112	0.0336	0.0544	0.00235	17.1	0.0364	61	0.000989	0.000989	0.00000496	0.00466	0.000759	0.0217	0.012	0.00000513	16	0.0000144	0.000162	0.000167	0.00111	0.0296	0.0000058	1.22	4.56	0.0226	0.000504	6.56	0.00297	0.0206	0.000115	0.00017	0.000102	0.0731	0.00000204	0.000112	0.000304	0.00126	
2070 May	112	0.0337	0.0544	0.00235	17.2	0.0364	61	0.00099	0.00099	0.00000497	0.00467	0.00076	0.0217	0.0121	0.00000513	16	0.0000144	0.000163	0.000168	0.00111	0.0297	0.0000058	1.22	4.57	0.0227	0.000504	6.57	0.00297	0.0206	0.000116	0.00017	0.000102	0.0732	0.00000204	0.000112	0.000305	0.00126	
2070 Jun	112	0.0337	0.0544	0.00234	17.1	0.0363	60.9	0.000987	0.000987	0.00000495	0.00466	0.000762	0.0217	0.0121	0.00000512	16.1	0.0000144	0.000163	0.000169	0.00111	0.0298	0.0000058	1.22	4.57	0.0229	0.000503	6.56	0.00297	0.0207	0.000118	0.00017	0.000102	0.0734	0.00000204	0.000112	0.000308	0.00126	
2070 Jul	113	0.0338	0.0546	0.00235	17.2	0.0364	61.2	0.00099	0.00099	0.00000497	0.00468	0.000765	0.0218	0.0122	0.00000514	16.1	0.0000145	0.000164	0.000169	0.00111	0.03	0.0000058	1.23	4.59	0.023	0.000505	6.58	0.00298	0.0208	0.000118	0.00017	0.000102	0.0737	0.00000205	0.000112	0.000309	0.00127	
2070 Aug	113	0.0339	0.0548	0.00236	17.3	0.0365	61.4	0.000993	0.000993	0.00000498	0.0047	0.000768	0.0218	0.0122	0.00000515	16.2	0.0000145	0.000164	0.00017	0.00112	0.0301	0.0000058	1.23	4.6	0.0231	0.000507	6.6	0.00299	0.0209	0.000119	0.00017	0.000102	0.0739	0.00000205	0.000113	0.00031	0.00127	
2070 Sep	113	0.0341	0.0548	0.00236	17.2	0.0365	61.3	0.000992	0.000992	0.00000498	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.00017	0.00111	0.0301	0.0000058	1.23	4.6	0.0231	0.000508	6.59	0.00299	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2070 Oct	113	0.0342	0.0547	0.00236	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2070 Nov	113	0.0342	0.0547	0.00235	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2070 Dec	113	0.0342	0.0547	0.00235	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2071 Jan	113	0.0342	0.0547	0.00235	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2071 Feb	113	0.0342	0.0547	0.00235	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2071 Mar	113	0.0342	0.0547	0.00235	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00298	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2071 Apr	113	0.0342	0.0547	0.00236	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.000769	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000164	0.000169	0.00111	0.0301	0.0000058	1.23	4.59	0.023	0.000508	6.58	0.00299	0.021	0.000118	0.00017	0.000102	0.0739	0.00000205	0.000113	0.000309	0.00127	
2071 May	113	0.0342	0.0547	0.00236	17.2	0.0365	61.3	0.00099	0.00099	0.00000497	0.0047	0.00077	0.0218	0.0122	0.00000514	16.2	0.0000145	0.000165	0.00017	0.00111	0.0301	0.0000058	1.23	4.6	0.0231	0.000508	6.58	0.00299	0.021	0.000118	0.00017	0.000102	0.074	0.00000205	0.000113	0.00031	0.00127	
2071 Jun	113	0.0342	0.0545	0.00235	17.2	0.0363	61.1	0.000985	0.000985	0.00000495	0.00469	0.00077	0.0218	0.0122	0.00000511	16.2	0.0000145	0.000165	0.00017	0.00111	0.0302	0.0000058	1.22	4.59	0.0232	0.000506	6.55	0.00298	0.0211	0.00012	0.00017	0.000102	0.074	0.00000204	0.000113	0.000311	0.00127	
2071 Jul	113	0.0343	0.0547	0.00235	17.2	0.0364	61.3	0.000988	0.000988	0.00000496	0.00471	0.000772	0.0218	0.0122	0.00000512	16.2	0.0000146	0.000165	0.00017	0.00111	0.0303	0.0000059	1.23	4.6	0.0233	0.000507	6.56	0.00299	0.0211	0.00012	0.00017	0.000102	0.0741	0.00000204	0.000113	0.000312	0.00127	
2071 Aug	113	0.0344	0.0549	0.00236	17.2	0.0365	61.5	0.000991	0.000991	0.00000497	0.00472	0.000775	0.0219	0.0123	0.00000514	16.3	0.0000146	0.000166	0.000171	0.00112	0.0304	0.0000059	1.23	4.62	0.0234	0.00051	6.58	0.003	0.0212	0.00012	0.00017	0.000103	0.0744	0.00000205	0.000113	0.000313	0.00127	
2071 Sep	113	0.0345	0.0549	0.00236	17.2	0.0365	61.5	0.000989	0.000989	0.00000497	0.00472	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0744	0.00000204	0.000113	0.000313	0.00127	
2071 Oct	113	0.0345	0.0549	0.00236	17.2	0.0365	61.4	0.000988	0.000988	0.00000496	0.00472	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	
2071 Nov	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000988	0.000988	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	
2071 Dec	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000988	0.000988	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	
2072 Jan	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000988	0.000988	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	
2072 Feb	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000988	0.000988	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	
2072 Mar	113	0.0346	0.0548	0.00236	17.2	0.0365	61.4	0.000988	0.000988	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.00017	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0743	0.00000204	0.000113	0.000312	0.00127	
2072 Apr	113	0.0346	0.0549	0.00236	17.2	0.0365	61.4	0.000989	0.000989	0.00000496	0.00473	0.000776	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.00051	6.57	0.003	0.0213	0.00012	0.00017	0.000102	0.0744	0.00000204	0.000113	0.000312	0.00127	
2072 May	113	0.0346	0.0549	0.00236	17.2	0.0366	61.5	0.00099	0.00099	0.00000497	0.00473	0.000777	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00112	0.0304	0.0000059	1.23	4.62	0.0233	0.000511	6.58	0.003	0.0213	0.00012	0.00017	0.000103	0.0745	0.00000205	0.000114	0.000313	0.00127	
2072 Jun	113	0.0346	0.0549	0.00236	17.2	0.0365	61.5	0.000989	0.000989	0.00000496	0.00474	0.000777	0.0219	0.0123	0.00000513	16.3	0.0000146	0.000166	0.000171	0.00111	0.0304	0.0000059	1.23	4.61	0.0233	0.000511	6.56	0.003	0.0214	0.00012	0.00017	0.000102	0.0744	0.00000204	0.000114	0.000313	0.00127	
2072 Jul	114	0.0346	0.055	0.00236	17.2	0.0366	61.6	0.000991	0.000991	0.00000497	0.00475	0.000779	0.022	0.0123	0.00000514	16.3	0.0000147	0.000166	0.000171	0.00112	0.0305	0.0000059	1.23	4.62	0.0234	0.000512	6.57	0.00301	0.0215	0.00012	0.00017	0.000103	0.0746	0.00000205	0.000114	0.000314	0.00128	
2072 Aug	114	0.0347	0.0551	0.00237	17.2	0.0367	61.7	0.000991	0.000991	0.00000497	0.00475	0.000781	0.022	0.0123	0.00000514	16.3	0.0000147	0.000167	0.000171	0.00112	0.0305	0.0000059	1.23	4.63	0.0234	0.000513	6.57	0.00301	0.0215	0.00012	0.00017	0.000103	0.0746	0.00000205	0.000114	0.000314	0.00128	
2072 Sep	114	0.0348	0.0551	0.00236	17.2	0.0367	61.7	0.00099	0.00099	0.00000497	0.00475	0.000782	0.022	0.0123	0.00000513	16.3	0.0000147	0.000167	0.000171	0.00112	0.0305	0.0000059	1.23	4.63	0.0233	0.000513	6.56	0.00301	0.0216	0.000119	0.00017	0.000103	0.0746	0.00000204	0.000114	0.000313	0.00128	
2072 Oct	113	0.0349	0.0549	0.00236	17.2	0.0366	61.6	0.000987	0.000987	0.00000496	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000146	0.000166	0.00017	0.00111	0.0305	0.0000059	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	
2072 Nov	113	0.0349	0.0549	0.00236	17.2	0.0366	61.6	0.000987	0.000987	0.00000495	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000146	0.000166	0.00017	0.00111	0.0305	0.0000059	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	
2072 Dec	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000987	0.000987	0.00000495	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000146	0.000166	0.00017	0.00111	0.0305	0.0000059	1.23	4.61	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	
2073 Jan	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000987	0.000987	0.00000495	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000146	0.000166	0.00017	0.00111	0.0305	0.0000059	1.23	4.61	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	
2073 Feb	113	0.0349	0.0549	0.00236	17.2	0.0366	61.5	0.000987	0.000987	0.00000495	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000146	0.000166	0.00017	0.00111	0.0305	0.0000059	1.23	4.61	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	
2073 Mar	113	0.0349	0.0549	0.00236	17.2	0.0366	61.6	0.000987	0.000987	0.00000495	0.00475	0.000781	0.022	0.0123	0.00000512	16.3	0.0000146	0.000166	0.00017	0.00111	0.0305	0.0000059	1.23	4.62	0.0233	0.000513	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000312	0.00127	
2073 Apr	113	0.0349	0.055	0.00236	17.2	0.0366	61.6	0.000988	0.000988	0.00000496	0.00476	0.000781	0.022	0.0123	0.00000512	16.3	0.0000147	0.000167	0.00017	0.00111	0.0305	0.0000059	1.23	4.62	0.0233	0.000514	6.55	0.003	0.0216	0.000119	0.00017	0.000102	0.0745	0.00000204	0.000114	0.000313	0.00127	
2073 May	114	0.035	0.0549	0.00236	17.2	0.0366	61.5	0.000988	0.000988	0.00000496	0.00476	0.000784	0.022	0.0124	0.00000512	16.3	0.0000147	0.000167	0.000171	0.00111	0.0307	0.0000060	1.23	4.62	0.0235	0.000513	6.55	0.003	0.0217	0.000121	0.00017	0.000103	0.0748	0.00000204	0.000114	0.000315	0.00128	
2073 Jun	113	0.0351	0.0548	0.00235	17.2	0.0365	61.3	0.000985	0.000985	0.00000494	0.00476	0.000787	0.0219	0.0124	0.00000511	16.4	0.0000147	0.000168	0.000173	0.00111	0.0309	0.0000060	1.23	4.62	0.0238	0.000512	6.54	0.003	0.0218	0.000123	0.00017	0.000103	0.075	0.00000203	0.000114	0.000318	0.00128	
2073 Jul	114	0.0352	0.055	0.00236	17.2	0.0366	61.5	0.000987	0.000987	0.00000496	0.00477	0.000789	0.022	0.0125	0.00000512	16.4	0.0000147	0.000169	0.000173	0.00112	0.031	0.0000060	1.23	4.63	0.0238	0.000513	6.55	0.00301	0.0219	0.000124	0.00017	0.000103	0.0753	0.00000204	0.000114	0.000319	0.00128	
2073 Aug	114	0.0353	0.0552	0.00237	17.3	0.0367	61.8	0.00099	0.00099	0.00000497	0.00479	0.000792	0.0221	0.0125	0.00000514	16.5	0.0000148	0.000169	0.000174	0.00112	0.0311	0.0000061	1.24	4.65	0.0239	0.000515	6.57	0.00302	0.022	0.000124	0.00017	0.000103	0.0755	0.00000205	0.000115	0.00032	0.00128	
2073 Sep	114	0.0354	0.0552	0.00237	17.3	0.0367	61.8	0.00099	0.00099	0.00000497	0.00479	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.65	0.0239	0.000516	6.57	0.00302	0.022	0.000124	0.00017	0.000103	0.0755	0.00000204	0.000115	0.00032	0.00128	
2073 Oct	114	0.0355	0.0551	0.00236	17.2	0.0367	61.7	0.000988	0.000988	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000512	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.64	0.0238	0.000516	6.56	0.00302	0.022	0.000123	0.00017	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	
2073 Nov	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000987	0.000987	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000512	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.64	0.0238	0.000516	6.55	0.00301	0.0221	0.000123	0.00017	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	
2073 Dec	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000987	0.000987	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000512	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.64	0.0238	0.000516	6.55	0.00301	0.0221	0.000123	0.00017	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	
2074 Jan	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000987	0.000987	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000512	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.64	0.0238	0.000516	6.55	0.00301	0.0221	0.000123	0.00017	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	
2074 Feb	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000987	0.000987	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000512	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.64	0.0238	0.000516	6.55	0.00301	0.0221	0.000123	0.00017	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	
2074 Mar	114	0.0355	0.0551	0.00236	17.2	0.0367	61.6	0.000988	0.000988	0.00000496	0.00479	0.000793	0.0221	0.0125	0.00000512	16.5	0.0000148	0.000169	0.000173	0.00112	0.0311	0.0000061	1.24	4.64	0.0238	0.000516	6.55	0.00301	0.0221	0.000123	0.00017	0.000103	0.0754	0.00000204	0.000115	0.000319	0.00128	
2074 Apr	114	0.0356	0.0551	0.00236	17.2	0.0367	61.7	0.000988	0.000988	0.00000496	0.0048	0.000793	0.0221	0.0125	0.00000513	16.5	0.0000148	0.000169	0.000173	0.00112	0.0312	0.0000061	1.24	4.64	0.0238	0.000516	6.56	0.00302	0.0221	0.000123	0.00017	0.000103	0.0755	0.00000204	0.000115	0.000319	0.00128	
2074 May	114	0.0357	0.0551	0.00236	17.3	0.0367	61.6	0.000988	0.000988	0.00000496	0.0048	0.000797	0.0221	0.0126	0.00000513	16.5	0.0000148	0.00017	0.000175	0.00112	0.0314	0.0000061	1.24	4.65	0.0241	0.000516	6.56	0.00302	0.0222	0.000126	0.00017	0.000103	0.0758	0.00000204	0.000115	0.000322	0.00128	
2074 Jun	114	0.0357	0.0548	0.00235	17.2	0.0364	61.2	0.000982	0.000982	0.00000493	0.00479	0.000799	0.0219	0.0127	0.00000509	16.6	0.0000148	0.000171	0.000177	0.00111	0.0317	0.0000061	1.24	4.63	0.0245	0.000513	6.53	0.003	0.0223	0.00013	0.00017	0.000103	0.0761	0.00000203	0.000114	0.000327	0.00128	
2074 Jul	114	0.0358	0.0551	0.00236	17.3	0.0365	61.5	0.000986	0.000986	0.00000495	0.00481

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.6699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2077 Jun	115	0.0372	0.0555	0.00237	17.3	0.0368	61.9	0.000988	0.000988	0.00000496	0.00493	0.000827	0.0223	0.013	0.00000513	16.9	0.0000152	0.000176	0.000181	0.00113	0.0329	0.00000639	1.26	4.7	0.0254	0.000523	6.56	0.00305	0.0235	0.000135	0.000179	0.000104	0.078	0.00000204	0.000116	0.000339	0.00131	
2077 Jul	116	0.0374	0.0558	0.00238	17.4	0.0369	62.2	0.000992	0.000992	0.00000498	0.00495	0.00083	0.0224	0.0131	0.00000515	17	0.0000153	0.000177	0.000182	0.00113	0.0331	0.00000642	1.26	4.72	0.0255	0.000526	6.58	0.00306	0.0236	0.000136	0.00018	0.000105	0.0783	0.00000205	0.000117	0.000341	0.00131	
2077 Aug	116	0.0375	0.056	0.00239	17.5	0.0371	62.5	0.000995	0.000995	0.000005	0.00497	0.000834	0.0225	0.0131	0.00000516	17.1	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000645	1.26	4.74	0.0256	0.000528	6.6	0.00308	0.0237	0.000136	0.000181	0.000105	0.0786	0.00000206	0.000117	0.000342	0.00132	
2077 Sep	116	0.0376	0.0559	0.00238	17.4	0.037	62.4	0.000993	0.000993	0.00000498	0.00496	0.000833	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0331	0.00000645	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0237	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.000341	0.00132	
2077 Oct	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000992	0.000992	0.00000498	0.00496	0.000833	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0331	0.00000645	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0237	0.000135	0.00018	0.000105	0.0784	0.00000205	0.000117	0.00034	0.00131	
2077 Nov	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000992	0.000992	0.00000498	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00131	
2077 Dec	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000992	0.000992	0.00000498	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00131	
2078 Jan	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000992	0.000992	0.00000498	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00131	
2078 Feb	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000992	0.000992	0.00000498	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00131	
2078 Mar	116	0.0377	0.0558	0.00238	17.4	0.037	62.3	0.000992	0.000992	0.00000498	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000646	1.26	4.73	0.0255	0.000528	6.58	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.00034	0.00131	
2078 Apr	116	0.0377	0.0559	0.00238	17.4	0.0371	62.4	0.000993	0.000993	0.00000499	0.00497	0.000834	0.0225	0.0131	0.00000515	17	0.0000153	0.000178	0.000182	0.00113	0.0332	0.00000646	1.26	4.73	0.0255	0.000529	6.59	0.00307	0.0238	0.000135	0.00018	0.000105	0.0785	0.00000205	0.000117	0.000341	0.00132	
2078 May	116	0.0378	0.0558	0.00238	17.4	0.037	62.3	0.000993	0.000993	0.00000498	0.00497	0.000837	0.0225	0.0132	0.00000515	17.1	0.0000153	0.000179	0.000183	0.00113	0.0334	0.00000647	1.26	4.74	0.0257	0.000528	6.59	0.00307	0.0239	0.000137	0.00018	0.000105	0.0788	0.00000205	0.000117	0.000343	0.00132	
2078 Jun	116	0.0378	0.0557	0.00237	17.4	0.0368	62.1	0.000988	0.000988	0.00000496	0.00496	0.000838	0.0224	0.0132	0.00000513	17.1	0.0000153	0.000179	0.000184	0.00113	0.0336	0.00000647	1.26	4.73	0.026	0.000526	6.56	0.00306	0.0239	0.00014	0.00018	0.000105	0.0789	0.00000204	0.000117	0.000346	0.00131	
2078 Jul	116	0.038	0.056	0.00238	17.5	0.037	62.4	0.000992	0.000992	0.00000498	0.00498	0.000842	0.0225	0.0133	0.00000515	17.2	0.0000154	0.00018	0.000185	0.00113	0.0337	0.0000065	1.27	4.75	0.0261	0.000528	6.59	0.00308	0.024	0.00014	0.000181	0.000105	0.0793	0.00000205	0.000118	0.000347	0.00132	
2078 Aug	116	0.0381	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.00499	0.000844	0.0225	0.0133	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000653	1.27	4.76	0.0261	0.00053	6.6	0.00309	0.0241	0.00014	0.000182	0.000106	0.0795	0.00000205	0.000118	0.000348	0.00132	
2078 Sep	117	0.0382	0.0562	0.00239	17.5	0.0371	62.6	0.000995	0.000995	0.00000499	0.005	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000654	1.27	4.77	0.0261	0.000531	6.61	0.00309	0.0242	0.00014	0.000182	0.000106	0.0796	0.00000206	0.000118	0.000348	0.00132	
2078 Oct	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.005	0.000846	0.0226	0.0133	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000654	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000182	0.000106	0.0795	0.00000205	0.000118	0.000347	0.00132	
2078 Nov	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.00501	0.000846	0.0226	0.0133	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000655	1.27	4.76	0.0261	0.000531	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000205	0.000118	0.000347	0.00132	
2078 Dec	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.00501	0.000846	0.0226	0.0133	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000655	1.27	4.76	0.0261	0.000532	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000205	0.000118	0.000347	0.00132	
2079 Jan	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000655	1.27	4.76	0.0261	0.000532	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000205	0.000118	0.000347	0.00132	
2079 Feb	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0338	0.00000655	1.27	4.76	0.0261	0.000532	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000205	0.000118	0.000347	0.00132	
2079 Mar	116	0.0383	0.0561	0.00239	17.5	0.0371	62.5	0.000994	0.000994	0.00000499	0.00501	0.000846	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0339	0.00000655	1.27	4.76	0.0261	0.000532	6.6	0.00309	0.0242	0.00014	0.000181	0.000106	0.0795	0.00000205	0.000118	0.000347	0.00132	
2079 Apr	117	0.0384	0.0561	0.00239	17.5	0.0372	62.5	0.000994	0.000994	0.00000499	0.00501	0.000847	0.0226	0.0134	0.00000516	17.2	0.0000154	0.00018	0.000185	0.00114	0.0339	0.00000655	1.27	4.76	0.0261	0.000532	6.6	0.00309	0.0242	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000348	0.00132	
2079 May	117	0.0384	0.0562	0.00239	17.5	0.0372	62.6	0.000996	0.000996	0.000005	0.00502	0.000848	0.0226	0.0134	0.00000517	17.3	0.0000154	0.000181	0.000186	0.00114	0.0339	0.00000656	1.27	4.77	0.0262	0.000532	6.61	0.00309	0.0243	0.00014	0.000182	0.000106	0.0797	0.00000206	0.000118	0.000348	0.00132	
2079 Jun	116	0.0382	0.0559	0.00238	17.4	0.037	62.3	0.00099	0.00099	0.00000497	0.005	0.000846	0.0225	0.0133	0.00000514	17.2	0.0000154	0.00018	0.000185	0.00113	0.0339	0.00000655	1.27	4.75	0.0261	0.00053	6.57	0.00308	0.0243	0.00014	0.000182	0.000105	0.0794	0.00000205	0.000118	0.000349	0.00132	
2079 Jul	116	0.0382	0.056	0.00238	17.4	0.037	62.4	0.000991	0.000991	0.00000497	0.00501	0.000847	0.0225	0.0133	0.00000514	17.2	0.0000155	0.000181	0.000185	0.00113	0.0339	0.00000657	1.27	4.76	0.0262	0.00053	6.57	0.00308	0.0243	0.00014	0.000182	0.000105	0.0795	0.00000205	0.000118	0.000349	0.00133	
2079 Aug	117	0.0383	0.0562	0.00239	17.5	0.0371	62.7	0.000994	0.000994	0.00000499	0.00503	0.000851	0.0226	0.0134	0.00000516	17.3	0.0000155	0.000181	0.000186	0.00114	0.034	0.0000066	1.27	4.77	0.0262	0.000532	6.59	0.00309	0.0244	0.00014	0.000183	0.000106	0.0797	0.00000205	0.000119	0.000349	0.00133	
2079 Sep	117	0.0384	0.0562	0.00239	17.5	0.0371	62.6	0.000993	0.000993	0.00000499	0.00503	0.000851	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114	0.034	0.00000661	1.27	4.77	0.0262	0.000533	6.58	0.00309	0.0245	0.00014	0.000183	0.000106	0.0797	0.00000205	0.000119	0.00035	0.00133	
2079 Oct	117	0.0385	0.0561	0.00239	17.5	0.0371	62.6	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114	0.034	0.00000661	1.27	4.77	0.0262	0.000533	6.58	0.00309	0.0245	0.00014	0.000182	0.000106	0.0797	0.00000205	0.000119	0.000349	0.00133	
2079 Nov	117	0.0386	0.0561	0.00238	17.4	0.0371	62.6	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00114	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	
2079 Dec	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00113	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000105	0.0796	0.00000205	0.000118	0.000349	0.00133	
2080 Jan	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00113	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000105	0.0796	0.00000205	0.000118	0.000349	0.00133	
2080 Feb	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00113	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000105	0.0796	0.00000205	0.000118	0.000349	0.00133	
2080 Mar	116	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.2	0.0000155	0.000181	0.000185	0.00113	0.034	0.00000661	1.27	4.76	0.0261	0.000533	6.57	0.00309	0.0245	0.00014	0.000182	0.000105	0.0796	0.00000205	0.000118	0.000349	0.00133	
2080 Apr	117	0.0386	0.0561	0.00238	17.4	0.0371	62.5	0.000992	0.000992	0.00000498	0.00503	0.000851	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114	0.034	0.00000661	1.27	4.77	0.0262	0.000533	6.58	0.00309	0.0245	0.00014	0.000182	0.000106	0.0796	0.00000205	0.000118	0.000349	0.00133	
2080 May	117	0.0387	0.0562	0.00239	17.5	0.0372	62.6	0.000993	0.000993	0.00000499	0.00504	0.000852	0.0226	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00114	0.0341	0.00000662	1.27	4.77	0.0262	0.000534	6.58	0.00309	0.0245	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2080 Jun	117	0.0386	0.0561	0.00238	17.4	0.0371	62.6	0.000991	0.000991	0.00000498	0.00504	0.000851	0.0226	0.0134	0.00000514	17.2	0.0000155	0.000181	0.000185	0.00113	0.034	0.00000662	1.27	4.76	0.0261	0.000533	6.56	0.00309	0.0246	0.00014	0.000183	0.000105	0.0797	0.00000205	0.000119	0.00035	0.00133	
2080 Jul	117	0.0386	0.0562	0.00239	17.4	0.0371	62.7	0.000991	0.000991	0.00000498	0.00505	0.000853	0.0227	0.0134	0.00000515	17.3	0.0000155	0.000181	0.000185	0.00113	0.0341	0.00000664	1.27	4.77	0.0262	0.000534	6.56	0.0031	0.0246	0.00014	0.000183	0.000106	0.0797	0.00000205	0.000119	0.00035	0.00133	
2080 Aug	117	0.0386	0.0564	0.00239	17.5	0.0372	62.8	0.000993	0.000993	0.00000499	0.00506	0.000855	0.0227	0.0134	0.00000516	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000667	1.27	4.78	0.0262	0.000535	6.58	0.0031	0.0247	0.00014	0.000184	0.000106	0.0799	0.00000205	0.000119	0.000351	0.00133	
2080 Sep	117	0.0387	0.0564	0.00239	17.5	0.0372	62.8	0.000993	0.000993	0.00000499	0.00506	0.000856	0.0227	0.0134	0.00000516	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000667	1.27	4.78	0.0262	0.000536	6.57	0.0031	0.0247	0.00014	0.000184	0.000106	0.0799	0.00000205	0.000119	0.00035	0.00133	
2080 Oct	117	0.0388	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.56	0.0031	0.0248	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2080 Nov	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.56	0.0031	0.0248	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2080 Dec	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.56	0.0031	0.0248	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2081 Jan	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.56	0.0031	0.0248	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2081 Feb	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.56	0.0031	0.0248	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2081 Mar	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0261	0.000536	6.56	0.0031	0.0248	0.00014	0.000183	0.000106	0.0798	0.00000205	0.000119	0.00035	0.00133	
2081 Apr	117	0.0389	0.0563	0.00239	17.4	0.0372	62.8	0.000992	0.000992	0.00000498	0.00506	0.000856	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000185	0.00114	0.0341	0.00000668	1.27	4.78	0.0262	0.000536	6.57	0.0031	0.0248	0.00014	0.000183	0.000106	0.0799	0.00000205	0.000119	0.00035	0.00133	
2081 May	117	0.0389	0.0563	0.00239	17.5	0.0372	62.8	0.000993	0.000993	0.00000498	0.00507	0.000858	0.0227	0.0134	0.00000515	17.3	0.0000156	0.000182	0.000186	0.00114	0.0343	0.00000669	1.27	4.78	0.0263	0.000536	6.57	0.0031	0.0248	0.00014	0.000183	0.000106	0.08	0.00000205	0.000119	0.000351	0.00133	
2081 Jun	117	0.0389	0.0563	0.00239	17.4	0.0371	62.7	0.00099	0.00099	0.00000497	0.00506	0.000858	0.0227	0.0134	0.00000514	17.3	0.0000156	0.000183	0.000186	0.00114	0.0343	0.00000669	1.27	4.78	0.0264	0.000535	6.56	0.0031	0.0249	0.00014	0.000184	0.000106	0.0801	0.00000205	0.000119	0.000353	0.00133	
2081 Jul	117	0.0391	0.0566	0.0024	17.5	0.0373	63	0.000995	0.000995	0.00000499	0.00509	0.000863	0.0228	0.0135	0.00000516	17.4	0.0000157	0.000183	0.000187	0.00114	0.0345	0.00000673	1.28	4.8	0.0265	0.000538	6.59	0.00312	0.025	0.000142	0.000185	0.000106	0.0804	0.00000206	0.000119	0.000354	0.00134	
2081 Aug	118	0.0393	0.0568	0.00241	17.6	0.0375	63.3	0.000999	0.000999	0.00000502	0.00511	0.000867	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000188	0.00115	0.0346	0.00000676	1.28	4.82	0.0266	0.000541	6.62	0.00313	0.0251	0.000142	0.000185	0.000107	0.0808	0.00000207	0.00012	0.000356	0.00135	
2081 Sep	118	0.0394	0.0569	0.00241	17.6	0.0375	63.4	0.000999	0.000999	0.00000502	0.00512	0.000868	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000188	0.00115	0.0347	0.00000677	1.28	4.83	0.0266	0.000542	6.62	0.00313	0.0252	0.000142	0.000185	0.000107	0.0809	0.00000207	0.00012	0.000356	0.00135	
2081 Oct	118	0.0395	0.0568	0.00241	17.6	0.0375	63.4	0.000999	0.000999	0.00000502	0.00512	0.000868	0.0229	0.0136	0.00000519	17.5	0.0000157	0.000184	0.000188	0.00115	0.0347	0.00000678	1.28	4.83	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0809	0.00000207	0.00012	0.000355	0.00135	
2081 Nov	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000998	0.000998	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115	0.0347	0.00000677	1.28	4.82	0.0266	0.000542	6.61	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	
2081 Dec	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3	0.000998	0.000998	0.00000501	0.00512	0.000868	0.0229	0.0136	0.00000518	17.5	0.0000157	0.000184	0.000187	0.00115	0.0346	0.00000677	1.28	4.82	0.0266	0.000542	6.6	0.00313	0.0252	0.000142	0.000185	0.000107	0.0808	0.00000206	0.00012	0.000355	0.00134	
2082 Jan	118	0.0395	0.0568	0.00241	17.6	0.0375	63.3

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.6699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2084 Dec	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114	0.0357	0.00000697	1.29	4.84	0.0273	0.000546	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	
2085 Jan	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114	0.0357	0.00000697	1.29	4.84	0.0273	0.000546	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	
2085 Feb	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114	0.0357	0.00000697	1.29	4.84	0.0273	0.000546	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	
2085 Mar	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114	0.0357	0.00000697	1.29	4.84	0.0273	0.000546	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	
2085 Apr	118	0.0406	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.0052	0.000888	0.023	0.0138	0.00000515	17.7	0.000016	0.000188	0.000191	0.00114	0.0357	0.00000698	1.29	4.84	0.0273	0.000546	6.55	0.00314	0.0262	0.000147	0.000188	0.000107	0.082	0.00000205	0.000121	0.000366	0.00136	
2085 May	118	0.0407	0.0568	0.0024	17.5	0.0374	63.3	0.000993	0.000993	0.00000498	0.00521	0.00089	0.023	0.0139	0.00000515	17.7	0.000016	0.000189	0.000191	0.00115	0.0358	0.00000699	1.29	4.84	0.0275	0.000546	6.56	0.00314	0.0263	0.000148	0.000188	0.000107	0.0822	0.00000205	0.000121	0.000367	0.00136	
2085 Jun	118	0.0407	0.0568	0.0024	17.5	0.0374	63.2	0.000992	0.000992	0.00000498	0.00521	0.000892	0.023	0.0139	0.00000515	17.8	0.000016	0.000189	0.000192	0.00114	0.036	0.00000699	1.29	4.85	0.0276	0.000545	6.56	0.00314	0.0263	0.00015	0.000188	0.000107	0.0824	0.00000205	0.000121	0.00037	0.00136	
2085 Jul	119	0.0408	0.0571	0.00241	17.6	0.0375	63.5	0.000995	0.000995	0.000005	0.00523	0.000896	0.0231	0.014	0.00000517	17.8	0.0000161	0.00019	0.000193	0.00115	0.0361	0.00000702	1.29	4.87	0.0277	0.000548	6.58	0.00316	0.0264	0.000151	0.000189	0.000108	0.0827	0.00000206	0.000122	0.000371	0.00136	
2085 Aug	119	0.0409	0.0572	0.00241	17.6	0.0376	63.6	0.000996	0.000996	0.000005	0.00523	0.000898	0.0232	0.014	0.00000517	17.9	0.0000161	0.00019	0.000193	0.00115	0.0361	0.00000704	1.3	4.87	0.0278	0.000549	6.58	0.00316	0.0265	0.00015	0.000189	0.000108	0.0828	0.00000206	0.000122	0.000371	0.00137	
2085 Sep	119	0.041	0.0571	0.00241	17.6	0.0376	63.5	0.000995	0.000995	0.00000499	0.00523	0.000897	0.0231	0.014	0.00000516	17.8	0.0000161	0.00019	0.000193	0.00115	0.0361	0.00000705	1.29	4.87	0.0277	0.000549	6.57	0.00316	0.0265	0.00015	0.000189	0.000108	0.0827	0.00000206	0.000122	0.00037	0.00136	
2085 Oct	119	0.0411	0.057	0.00241	17.5	0.0376	63.4	0.000993	0.000993	0.00000499	0.00523	0.000897	0.0231	0.014	0.00000516	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.56	0.00315	0.0266	0.000149	0.000188	0.000107	0.0827	0.00000205	0.000122	0.000369	0.00136	
2085 Nov	119	0.0412	0.0569	0.0024	17.5	0.0376	63.4	0.000992	0.000992	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	
2085 Dec	119	0.0412	0.0569	0.0024	17.5	0.0376	63.4	0.000992	0.000992	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	
2086 Jan	119	0.0412	0.0569	0.0024	17.5	0.0376	63.4	0.000992	0.000992	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	
2086 Feb	119	0.0412	0.0569	0.0024	17.5	0.0376	63.4	0.000992	0.000992	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	
2086 Mar	119	0.0412	0.0569	0.0024	17.5	0.0376	63.4	0.000993	0.000993	0.00000498	0.00523	0.000897	0.0231	0.014	0.00000515	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.55	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	
2086 Apr	119	0.0412	0.057	0.0024	17.5	0.0376	63.4	0.000993	0.000993	0.00000498	0.00524	0.000897	0.0231	0.014	0.00000516	17.8	0.000016	0.00019	0.000192	0.00115	0.0361	0.00000705	1.29	4.86	0.0276	0.000549	6.56	0.00315	0.0266	0.000149	0.000188	0.000107	0.0826	0.00000205	0.000122	0.000369	0.00136	
2086 May	119	0.0413	0.057	0.00241	17.6	0.0376	63.5	0.000994	0.000994	0.00000499	0.00524	0.000899	0.0231	0.014	0.00000516	17.9	0.0000161	0.00019	0.000193	0.00115	0.0362	0.00000706	1.29	4.86	0.0277	0.00055	6.57	0.00316	0.0266	0.00015	0.000188	0.000107	0.0828	0.00000206	0.000122	0.00037	0.00136	
2086 Jun	118	0.0411	0.0568	0.0024	17.5	0.0374	63.2	0.000989	0.000989	0.00000497	0.00523	0.000898	0.023	0.014	0.00000514	17.8	0.000016	0.00019	0.000193	0.00114	0.0362	0.00000705	1.29	4.85	0.0278	0.000547	6.53	0.00315	0.0266	0.000151	0.000188	0.000107	0.0827	0.00000205	0.000122	0.000371	0.00136	
2086 Jul	119	0.0412	0.057	0.0024	17.5	0.0375	63.4	0.000992	0.000992	0.00000498	0.00525	0.000901	0.0231	0.014	0.00000515	17.9	0.0000161	0.000191	0.000193	0.00115	0.0363	0.00000709	1.29	4.86	0.0278	0.000549	6.55	0.00316	0.0267	0.000151	0.000189	0.000107	0.0829	0.00000205	0.000122	0.000372	0.00137	
2086 Aug	119	0.0413	0.0572	0.00241	17.6	0.0376	63.6	0.000994	0.000994	0.00000499	0.00526	0.000904	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000194	0.00115	0.0364	0.00000711	1.3	4.88	0.0279	0.000551	6.56	0.00316	0.0268	0.000151	0.00019	0.000108	0.0831	0.00000206	0.000122	0.000373	0.00137	
2086 Sep	119	0.0414	0.0571	0.00241	17.6	0.0376	63.5	0.000994	0.000994	0.00000499	0.00526	0.000904	0.0232	0.014	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115	0.0364	0.00000712	1.3	4.87	0.0278	0.000551	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	
2086 Oct	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000993	0.000993	0.00000499	0.00527	0.000905	0.0232	0.014	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115	0.0364	0.00000712	1.3	4.87	0.0278	0.000552	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000122	0.000372	0.00137	
2086 Nov	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115	0.0364	0.00000713	1.3	4.87	0.0278	0.000552	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000123	0.000372	0.00137	
2086 Dec	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115	0.0364	0.00000713	1.3	4.87	0.0278	0.000552	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000123	0.000372	0.00137	
2087 Jan	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115	0.0364	0.00000713	1.3	4.87	0.0278	0.000552	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000123	0.000372	0.00137	
2087 Feb	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000191	0.000193	0.00115	0.0364	0.00000713	1.3	4.87	0.0278	0.000552	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000123	0.000372	0.00137	
2087 Mar	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000192	0.000193	0.00115	0.0364	0.00000713	1.3	4.87	0.0278	0.000552	6.55	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000205	0.000123	0.000372	0.00137	
2087 Apr	119	0.0415	0.0571	0.00241	17.6	0.0377	63.5	0.000994	0.000994	0.00000499	0.00527	0.000905	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000192	0.000193	0.00115	0.0364	0.00000713	1.3	4.87	0.0278	0.000552	6.56	0.00316	0.0269	0.000151	0.000189	0.000108	0.0831	0.00000206	0.000123	0.000372	0.00137	
2087 May	119	0.0415	0.0571	0.00241	17.6	0.0377	63.6	0.000994	0.000994	0.00000499	0.00527	0.000906	0.0232	0.0141	0.00000516	17.9	0.0000161	0.000192	0.000194	0.00115	0.0365	0.00000714	1.3	4.88	0.0279	0.000552	6.56	0.00317	0.027	0.000151	0.000189	0.000108	0.0832	0.00000206	0.000123	0.000373	0.00137	
2087 Jun	119	0.0416	0.0571	0.0024	17.5	0.0375	63.4	0.000992	0.000992	0.00000498	0.00527	0.000908	0.0232	0.0141	0.00000515	18	0.0000161	0.000192	0.000195	0.00115	0.0367	0.00000714	1.3	4.88	0.0281	0.000551	6.55	0.00316	0.027	0.000153	0.00019	0.000108	0.0834	0.00000205	0.000122	0.000375	0.00137	
2087 Jul	119	0.0417	0.0573	0.00241	17.6	0.0377	63.6	0.000994	0.000994	0.00000499	0.00528	0.000911	0.0232	0.0142	0.00000516	18	0.0000162	0.000193	0.000195	0.00115	0.0368	0.00000716	1.3	4.89	0.0282	0.000553	6.57	0.00317	0.0271	0.000154	0.00019	0.000108	0.0837	0.00000206	0.000123	0.000376	0.00137	
2087 Aug	120	0.0418	0.0575	0.00242	17.7	0.0378	63.9	0.000998	0.000998	0.00000501	0.0053	0.000914	0.0233	0.0142	0.00000518	18.1	0.0000162	0.000194	0.000196	0.00116	0.0369	0.00000719	1.3	4.91	0.0283	0.000555	6.59	0.00318	0.0272	0.000154	0.000191	0.000108	0.084	0.00000206	0.000123	0.000377	0.00138	
2087 Sep	120	0.0419	0.0575	0.00242	17.7	0.0379	64	0.000999	0.000999	0.00000502	0.00531	0.000916	0.0234	0.0142	0.00000519	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.6	0.00319	0.0273	0.000154	0.000191	0.000109	0.0841	0.00000207	0.000124	0.000378	0.00138	
2087 Oct	120	0.042	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0234	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000206	0.000124	0.000377	0.00138	
2087 Nov	120	0.0421	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00531	0.000916	0.0234	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000206	0.000124	0.000377	0.00138	
2087 Dec	120	0.0421	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00532	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000206	0.000124	0.000377	0.00138	
2088 Jan	120	0.0421	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00532	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000206	0.000124	0.000377	0.00138	
2088 Feb	120	0.0421	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00532	0.000916	0.0233	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000206	0.000124	0.000377	0.00138	
2088 Mar	120	0.0421	0.0575	0.00242	17.7	0.0379	63.9	0.000998	0.000998	0.00000501	0.00532	0.000916	0.0234	0.0142	0.00000518	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000721	1.31	4.91	0.0283	0.000556	6.59	0.00319	0.0273	0.000154	0.000191	0.000108	0.0841	0.00000206	0.000124	0.000377	0.00138	
2088 Apr	120	0.0421	0.0575	0.00242	17.7	0.0379	64	0.000999	0.000999	0.00000502	0.00532	0.000917	0.0234	0.0143	0.00000519	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000722	1.31	4.91	0.0283	0.000557	6.59	0.00319	0.0274	0.000154	0.000191	0.000109	0.0841	0.00000207	0.000124	0.000378	0.00138	
2088 May	120	0.0422	0.0576	0.00243	17.7	0.038	64.1	0.001	0.001	0.00000502	0.00533	0.000919	0.0234	0.0143	0.0000052	18.1	0.0000163	0.000194	0.000197	0.00116	0.0371	0.00000723	1.31	4.92	0.0284	0.000558	6.61	0.00319	0.0274	0.000154	0.000191	0.000109	0.0843	0.00000207	0.000124	0.000378	0.00138	
2088 Jun	120	0.0421	0.0576	0.00242	17.7	0.0379	64	0.000999	0.000999	0.00000502	0.00533	0.000918	0.0234	0.0143	0.00000519	18.1	0.0000163	0.000194	0.000196	0.00116	0.037	0.00000723	1.31	4.92	0.0283	0.000557	6.59	0.00319	0.0274	0.000154	0.000191	0.000109	0.0841	0.00000207	0.000124	0.000379	0.00138	
2088 Jul	120	0.0422	0.0578	0.00243	17.7	0.038	64.2	0.001	0.001	0.00000503	0.00535	0.000921	0.0235	0.0143	0.0000052	18.2	0.0000164	0.000195	0.000197	0.00116	0.0372	0.00000727	1.31	4.93	0.0284	0.000559	6.61	0.0032	0.0275	0.000155	0.000192	0.000109	0.0844	0.00000207	0.000124	0.00038	0.00139	
2088 Aug	121	0.0424	0.0581	0.00244	17.8	0.0382	64.6	0.00101	0.00101	0.00000506	0.00538	0.000926	0.0236	0.0144	0.00000523	18.3	0.0000165	0.000196	0.000198	0.00117	0.0374	0.00000731	1.32	4.96	0.0286	0.000562	6.64	0.00322	0.0277	0.000155	0.000193	0.000109	0.0849	0.00000208	0.000125	0.000382	0.00139	
2088 Sep	121	0.0425	0.0581	0.00245	17.8	0.0383	64.6	0.00101	0.00101	0.00000506	0.00538	0.000928	0.0236	0.0144	0.00000524	18.3	0.0000165	0.000196	0.000198	0.00117	0.0374	0.00000732	1.32	4.96	0.0286	0.000563	6.65	0.00322	0.0277	0.000155	0.000194	0.00011	0.085	0.00000209	0.000125	0.000382	0.0014	
2088 Oct	121	0.0426	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.3	0.0000164	0.000196	0.000197	0.00117	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.63	0.00322	0.0277	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2088 Nov	121	0.0426	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.3	0.0000164	0.000196	0.000197	0.00117	0.0373	0.00000731	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0277	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2088 Dec	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.3	0.0000164	0.000196	0.000197	0.00117	0.0373	0.00000732	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0277	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2089 Jan	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.3	0.0000164	0.000196	0.000197	0.00117	0.0373	0.00000732	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0277	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2089 Feb	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.3	0.0000164	0.000196	0.000197	0.00117	0.0373	0.00000732	1.32	4.95	0.0285	0.000562	6.63	0.00321	0.0277	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2089 Mar	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000926	0.0236	0.0144	0.00000522	18.3	0.0000164	0.000196	0.000197	0.00117	0.0373	0.00000732	1.32	4.95	0.0285	0.000562	6.63	0.00322	0.0278	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2089 Apr	121	0.0427	0.058	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00538	0.000927	0.0236	0.0144	0.00000522	18.3	0.0000165	0.000196	0.000197	0.00117	0.0373	0.00000732	1.32	4.95	0.0285	0.000563	6.63	0.00322	0.0278	0.000154	0.000193	0.000109	0.0848	0.00000208	0.000125	0.000381	0.00139	
2089 May	121	0.0427	0.0581	0.00244	17.8	0.0383	64.6	0.00101	0.00101	0.00000505	0.00539	0.000929	0.0236	0.0144	0.00000523	18.3	0.0000165	0.000196	0.000198	0.00117	0.0375	0.00000733	1.32	4.96	0.0286	0.000563	6.64	0.00322	0.0278	0.000155	0.000193	0.000109	0.085	0.00000208	0.000125	0.000382	0.00139	
2089 Jun	121	0.0428	0.0581	0.00244	17.8	0.0382	64.5	0.00101	0.00101	0.00000505	0.00539	0.000931	0.0236	0.0145	0.00000522	18.3	0.0000165	0.000197	0.000199	0.00117	0.0376	0.00000734	1.32	4.97	0.0289	0.000563	6.64	0.00322	0.0279	0.000158	0.000194	0.00011	0.0853	0.00000208	0.000125	0.000385	0.00139	
2089 Jul	121	0.0429	0.0583	0.00245	17.9	0.0383	64.7	0.00101	0.00101	0.00000506	0.0054	0.000935

Appendix D.2-23: PUM02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1170	0.489	1.47	0.0425	463	0.0116	444	0.000241	0.000241	0.00000773	0.0082	0.00881	0.181	0.0258	0.0000311	58.8	0.000054	0.0000965	0.000691	0.00302	0.0231	0.0000102	4.66	26.1	0.118	0.0061	170	0.0205	0.0209	0.000108	0.00128	0.000451	0.558	0.00000313	0.000172	0.00213	0.00325	0.00087
Operation (2026-2036): Mean	38500	70.8	92.1	2.36	25800	0.0647	2550	0.00401	0.00401	0.000395	0.018	0.0352	0.932	0.232	0.0000635	1300	0.000415	0.0022	0.0081	0.00384	0.061	0.0000166	378	128	0.265	0.0905	11900	0.0509	0.0295	0.000183	0.0201	0.00246	31.9	0.0000403	0.000763	0.0112	0.0326	0.243
Operation (2026-2036): Max	52700	132	151	3.68	35600	0.352	3300	0.00498	0.00498	0.000498	0.02	0.049	1.22	0.318	0.0000698	1770	0.000498	0.0155	0.00996	0.00857	0.6699	0.000052	513	241	0.332	0.124	16300	0.0718	0.0396	0.000204	0.0249	0.00336	44.4	0.0000498	0.00365	0.0133	0.0398	0.335
2092 Jun	121	0.0441	0.0576	0.00242	17.7	0.038	63.8	0.000996	0.000996	0.000005	0.00544	0.000951	0.0235	0.0148	0.00000517	18.5	0.0000166	0.000201	0.000203	0.00116	0.0388	0.00000751	1.32	4.95	0.0297	0.000564	6.56	0.00321	0.0289	0.000165	0.000194	0.000109	0.0865	0.00000206	0.000125	0.000394	0.0014	
2092 Jul	121	0.044	0.0577	0.00242	17.7	0.038	63.9	0.000997	0.000997	0.000005	0.00545	0.000953	0.0235	0.0148	0.00000517	18.5	0.0000166	0.000201	0.000203	0.00116	0.0388	0.00000753	1.32	4.96	0.0297	0.000564	6.56	0.00321	0.0289	0.000165	0.000194	0.000109	0.0865	0.00000206	0.000125	0.000395	0.0014	
2092 Aug	121	0.0442	0.0579	0.00243	17.8	0.0382	64.2	0.001	0.001	0.00000502	0.00547	0.000956	0.0236	0.0148	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000756	1.33	4.98	0.0298	0.000567	6.59	0.00322	0.0291	0.000165	0.000195	0.00011	0.0868	0.00000207	0.000126	0.000396	0.0014	
2092 Sep	121	0.0443	0.0578	0.00243	17.8	0.0383	64.1	0.001	0.001	0.00000502	0.00548	0.000957	0.0236	0.0149	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000757	1.33	4.97	0.0298	0.000567	6.59	0.00322	0.0291	0.000165	0.000195	0.00011	0.0869	0.00000207	0.000126	0.000396	0.0014	
2092 Oct	121	0.0445	0.0578	0.00242	17.8	0.0383	64.1	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000204	0.00117	0.039	0.00000757	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	
2092 Nov	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000166	0.000202	0.000203	0.00117	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	
2092 Dec	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	
2093 Jan	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	
2093 Feb	121	0.0445	0.0577	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00548	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0868	0.00000207	0.000126	0.000395	0.0014	
2093 Mar	121	0.0445	0.0578	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00549	0.000958	0.0236	0.0149	0.00000519	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0869	0.00000207	0.000126	0.000395	0.0014	
2093 Apr	121	0.0445	0.0578	0.00243	17.8	0.0383	64.1	0.001	0.001	0.00000502	0.00549	0.000959	0.0236	0.0149	0.0000052	18.6	0.0000167	0.000202	0.000204	0.00117	0.039	0.00000758	1.33	4.97	0.0297	0.000568	6.58	0.00322	0.0292	0.000164	0.000194	0.00011	0.0869	0.00000207	0.000126	0.000395	0.0014	
2093 May	121	0.0446	0.0578	0.00243	17.8	0.0383	64.1	0.001	0.001	0.00000503	0.0055	0.00096	0.0237	0.0149	0.0000052	18.7	0.0000167	0.000202	0.000204	0.00117	0.0391	0.00000759	1.33	4.98	0.0299	0.000569	6.59	0.00322	0.0293	0.000165	0.000195	0.00011	0.0871	0.00000207	0.000126	0.000397	0.00141	
2093 Jun	121	0.0445	0.0577	0.00242	17.7	0.0381	63.9	0.000998	0.000998	0.00000501	0.00548	0.00096	0.0236	0.0149	0.00000518	18.7	0.0000167	0.000203	0.000205	0.00117	0.0392	0.00000759	1.33	4.97	0.03	0.000567	6.57	0.00322	0.0293	0.000167	0.000195	0.00011	0.0871	0.00000206	0.000126	0.000398	0.0014	
2093 Jul	121	0.0447	0.0579	0.00243	17.8	0.0383	64.2	0.001	0.001	0.00000503	0.0055	0.00964	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000205	0.00117	0.0393	0.00000762	1.33	4.99	0.0301	0.000569	6.59	0.00323	0.0294	0.000167	0.000195	0.00011	0.0874	0.00000207	0.000126	0.0004	0.00141	
2093 Aug	122	0.0448	0.0581	0.00244	17.8	0.0384	64.4	0.001	0.001	0.00000504	0.00552	0.000967	0.0237	0.015	0.00000521	18.8	0.0000168	0.000204	0.000206	0.00117	0.0394	0.00000765	1.34	5	0.0302	0.00057	6.61	0.00324	0.0295	0.000168	0.000196	0.00011	0.0876	0.00000208	0.000127	0.0004	0.00141	
2093 Sep	122	0.0449	0.0581	0.00244	17.9	0.0385	64.4	0.001	0.001	0.00000504	0.00553	0.000968	0.0238	0.015	0.00000522	18.8	0.0000168	0.000204	0.000206	0.00117	0.0395	0.00000766	1.34	5	0.0302	0.000571	6.61	0.00324	0.0295	0.000167	0.000196	0.00011	0.0877	0.00000208	0.000127	0.0004	0.00141	
2093 Oct	121	0.045	0.0579	0.00243	17.8	0.0384	64.2	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000205	0.00117	0.0394	0.00000765	1.33	4.99	0.03	0.000571	6.59	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2093 Nov	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000965	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117	0.0393	0.00000764	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2093 Dec	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117	0.0393	0.00000764	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2094 Jan	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117	0.0393	0.00000764	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2094 Feb	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117	0.0393	0.00000764	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2094 Mar	121	0.0451	0.0578	0.00243	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.00000519	18.7	0.0000167	0.000203	0.000205	0.00117	0.0393	0.00000765	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0295	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2094 Apr	121	0.0451	0.0578	0.00243	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000966	0.0237	0.015	0.0000052	18.7	0.0000167	0.000203	0.000205	0.00117	0.0394	0.00000765	1.33	4.98	0.03	0.000571	6.58	0.00323	0.0296	0.000166	0.000195	0.00011	0.0874	0.00000207	0.000126	0.000398	0.00141	
2094 May	121	0.0451	0.0578	0.00242	17.8	0.0384	64.1	0.001	0.001	0.00000502	0.00552	0.000968	0.0237	0.015	0.00000519	18.8	0.0000167	0.000204	0.000206	0.00117	0.0395	0.00000765	1.33	4.99	0.0301	0.000571	6.58	0.00323	0.0296	0.000167	0.000195	0.00011	0.0876	0.00000207	0.000126	0.0004	0.00141	
2094 Jun	121	0.0452	0.0578	0.00242	17.8	0.0383	64	0.001	0.001	0.00000502	0.00553	0.000971	0.0237	0.0151	0.00000519	18.8	0.0000168	0.000205	0.000207	0.00117	0.0398	0.00000767	1.34	4.99	0.0305	0.00057	6.59	0.00323	0.0297	0.00017	0.000196	0.00011	0.088	0.00000207	0.000126	0.000403	0.00141	
2094 Jul	122	0.0455	0.0582	0.00244	17.9	0.0385	64.4	0.00101	0.00101	0.00000505	0.00556	0.000976	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118	0.04	0.00000771	1.34	5.02	0.0306	0.000573	6.62	0.00325	0.0299	0.000171	0.000197	0.000111	0.0884	0.00000208	0.000127	0.000406	0.00142	
2094 Aug	123	0.0457	0.0584	0.00245	18	0.0387	64.7	0.00101	0.00101	0.00000507	0.00558	0.000982	0.0239	0.0153	0.00000525	19	0.0000169	0.000207	0.000209	0.00118	0.0402	0.00000776	1.35	5.04	0.0307	0.000576	6.65	0.00326	0.03	0.000172	0.000198	0.000111	0.0889	0.00000209	0.000128	0.000407	0.00143	
2094 Sep	123	0.0458	0.0584	0.00245	18	0.0387	64.7	0.00101	0.00101	0.00000507	0.00559	0.000983	0.0239	0.0153	0.00000525	19	0.0000169	0.000207	0.000209	0.00118	0.0402	0.00000777	1.35	5.04	0.0307	0.000577	6.65	0.00326	0.0301	0.000171	0.000197	0.000111	0.0889	0.00000209	0.000128	0.000407	0.00142	
2094 Oct	122	0.046	0.0583	0.00244	18	0.0387	64.5	0.00101	0.00101	0.00000506	0.00559	0.000981	0.0239	0.0152	0.00000523	19	0.0000169	0.000207	0.000209	0.00118	0.0401	0.00000776	1.35	5.03	0.0306	0.000577	6.63	0.00325	0.0301	0.000171	0.000197	0.000111	0.0887	0.00000208	0.000128	0.000406	0.00142	
2094 Nov	122	0.046	0.0581	0.00244	17.9	0.0386	64.4	0.00101	0.00101	0.00000505	0.00558	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118	0.04	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00325	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000404	0.00142	
2094 Dec	122	0.046	0.0581	0.00244	17.9	0.0386	64.3	0.00101	0.00101	0.00000505	0.00558	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118	0.04	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000404	0.00142	
2095 Jan	122	0.046	0.0581	0.00244	17.9	0.0386	64.3	0.00101	0.00101	0.00000505	0.00558	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118	0.04	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000404	0.00142	
2095 Feb	122	0.046	0.0581	0.00244	17.9	0.0386	64.3	0.00101	0.00101	0.00000505	0.00558	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000404	0.00142	
2095 Mar	122	0.0461	0.0581	0.00244	17.9	0.0386	64.3	0.00101	0.00101	0.00000505	0.00558	0.00098	0.0238	0.0152	0.00000522	18.9	0.0000169	0.000206	0.000208	0.00118	0.0401	0.00000775	1.34	5.02	0.0305	0.000576	6.62	0.00324	0.0301	0.00017	0.000196	0.000111	0.0885	0.00000208	0.000127	0.000404	0.00142	
2095 Apr	122	0.0461	0.0581	0.00244	17.9	0.0387	64.4	0.00101	0.00101	0.00000505	0.00559	0.00098	0.0238	0.0152	0.00000522	19	0.0000169	0.000206	0.000208	0.00118	0.0401	0.00000776	1.34	5.02	0.0305	0.000576	6.62	0.00325	0.0301	0.00017	0.000196	0.000111	0.0886	0.00000208	0.000127	0.000405	0.00142	
2095 May	122	0.0461	0.0582	0.00244	17.9	0.0387	64.4	0.00101	0.00101	0.00000505	0.00559	0.000982	0.0238	0.0153	0.00000522	19	0.0000169	0.000207	0.000209	0.00118	0.0401	0.00000776	1.35	5.03	0.0306	0.000576	6.62	0.00325	0.0302	0.000171	0.000196	0.000111	0.0887	0.00000208	0.000128	0.000406	0.00142	
2095 Jun	122	0.0462	0.0583	0.00244	18	0.0387	64.5	0.00101	0.00101	0.00000506	0.00559	0.000985	0.0239	0.0153	0.00000523	19	0.0000169	0.000207	0.000209	0.00118	0.0401	0.00000778	1.35	5.04	0.0308	0.000577	6.64	0.00325	0.0302	0.000172	0.000197	0.000111	0.089	0.00000208	0.000128	0.000408	0.00142	
2095 Jul	123	0.0465	0.0586	0.00245	18.1	0.0389	64.9	0.00101	0.00101	0.00000508	0.00563	0.00099	0.024	0.0154	0.00000526	19.1	0.000017	0.000208	0.000211	0.00119	0.0405	0.00000782	1.36	5.06	0.031	0.00058	6.67	0.00327	0.0304	0.000173	0.000198	0.000112	0.0895	0.00000209	0.000128	0.00041	0.00143	
2095 Aug	123	0.0465	0.0586	0.00245	18.1	0.0389	64.9	0.00101	0.00101	0.00000508	0.00563	0.000991	0.024	0.0154	0.00000526	19.1	0.000017	0.000208	0.000211	0.00119	0.0405	0.00000783	1.36	5.07	0.031	0.000581	6.67	0.00328	0.0304	0.000173	0.000198	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	
2095 Sep	123	0.0465	0.0587	0.00246	18.1	0.039	65	0.00101	0.00101	0.00000508	0.00563	0.000992	0.0241	0.0154	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119	0.0406	0.00000785	1.36	5.07	0.0309	0.000582	6.67	0.00328	0.0305	0.000173	0.000198	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	
2095 Oct	123	0.0467	0.0586	0.00246	18.1	0.039	64.9	0.00101	0.00101	0.00000508	0.00564	0.000992	0.0241	0.0154	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119	0.0406	0.00000785	1.36	5.07	0.0309	0.000582	6.67	0.00328	0.0305	0.000172	0.000198	0.000112	0.0896	0.00000209	0.000129	0.000409	0.00143	
2095 Nov	123	0.0467	0.0586	0.00245	18	0.039	64.9	0.00101	0.00101	0.00000508	0.00563	0.000992	0.024	0.0154	0.00000525	19.1	0.000017	0.000209	0.00021	0.00119	0.0405	0.00000785	1.35	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000408	0.00143	
2095 Dec	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000525	19.1	0.000017	0.000209	0.00021	0.00119	0.0405	0.00000785	1.35	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000408	0.00143	
2096 Jan	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000525	19.1	0.000017	0.000209	0.00021	0.00119	0.0405	0.00000785	1.35	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000408	0.00143	
2096 Feb	123	0.0467	0.0585	0.00245	18	0.039	64.8	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000525	19.1	0.000017	0.000209	0.00021	0.00119	0.0406	0.00000785	1.35	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000408	0.00143	
2096 Mar	123	0.0467	0.0586	0.00245	18	0.039	64.9	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000525	19.1	0.000017	0.000209	0.00021	0.00119	0.0406	0.00000785	1.35	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000197	0.000112	0.0895	0.00000209	0.000129	0.000408	0.00143	
2096 Apr	123	0.0468	0.0586	0.00245	18.1	0.039	64.9	0.00101	0.00101	0.00000508	0.00564	0.000992	0.024	0.0154	0.00000526	19.1	0.000017	0.000209	0.000211	0.00119	0.0406	0.00000785	1.36	5.06	0.0309	0.000582	6.66	0.00327	0.0305	0.000172	0.000198	0.000112	0.0895	0.00000209	0.000129	0.000409	0.00143	
2096 May	123	0.0468	0.0586	0.00245	18.1	0.039	64.9	0.00101	0.00101	0.00000509	0.00564	0.000994	0.024	0.0155	0.00000526	19.2	0.000017	0.000209	0.000211	0.00119	0.0407	0.00000786	1.36	5.07	0.031	0.000582	6.67	0.00327	0.0306	0.000173	0.000198	0.000112	0.0897	0.00000209	0.000129	0.00041	0.00143	
2096 Jun	122	0.0465	0.0582	0.00244	18	0.0387	64.4	0.00101	0.00101	0.00000505	0.00562	0.000992	0.0239	0.0154	0.00000523	19.1	0.000017	0.000209	0.000211	0.00118	0.0407	0.00000784	1.35	5.04	0.0311	0.000578	6.62	0.00326	0.0306	0.000175	0.000198	0.000111	0.0895	0.00000208	0.000128	0.000412	0.00143	
2096 Jul	122	0.0466	0.0584	0.00244	18	0.0388	64.6	0.00101	0.00101	0.00000507	0.00564	0.000995	0.024	0.0155	0.00000524	19.2	0.000017	0.000209	0.000212	0.00118	0.0409	0.00000787	1.35	5.06	0.0312	0.00058	6.64	0.00327	0.0307	0.000175	0.000198	0.000112	0.0897	0.00000209	0.000128	0.000413	0.00143	
2096 Aug	123	0.0468	0.0587	0.00245	18.1	0.039	64.9	0.00101	0.00101	0.00000509	0.00567	0.001	0.0241	0.0155	0.00000526	19.3	0.0000171	0.000211	0.000213	0.00119	0.041	0.00000791	1.36	5.08	0.0313	0.000582	6.67	0.00328	0.0308	0.000176	0.000199	0.000112	0.0901	0.0000021	0.000129	0.000415	0.00144	
2096 Sep	123	0.047	0.0586	0.00245	18.1	0.039	64.9	0.00101	0.00101	0.00000508	0.00567	0.001	0.0241	0.0155	0.00000526	19.2	0.0000171	0.00021	0.000212	0.00119	0.041	0.00000792	1.36	5.08	0.0313	0.000583	6.66	0.00328	0.0309	0.000175	0.000199	0.000112	0.0901	0.00000209	0.000129	0.000414	0.00144	
2096 Oct	123	0.0471	0.0584	0.00245	18	0.0389	64.7	0.00101	0.00101	0.00000507	0.00566	0.000998	0.024	0.0155	0.00000524	19.2	0.0000171	0.00021	0.000212	0.00119	0.0409	0.00000791	1.36	5.06	0.0312	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0899	0.00000209	0.000129	0.000412	0.00143	
2096 Nov	123	0.0471	0.0584	0.00245	18	0.0389	64.7	0.00101	0.00101	0.00000507	0.00566	0.000998	0.024	0.0155	0.00000524	19.2	0.0000171	0.00021	0.000212	0.00119	0.0409	0.00000791	1.36	5.06	0.0311	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0898	0.00000209	0.000129	0.000412	0.00143	
2096 Dec	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00566	0.000998	0.024	0.0155	0.00000524	19.2	0.0000171	0.00021	0.000212	0.00119	0.0409	0.00000791	1.36	5.06	0.0311	0.000582	6.64	0.00327	0.0309	0.000174	0.000198	0.000112	0.0898	0.00000209	0.000129	0.000412	0.00143	
2097 Jan	123	0.0471	0.0584	0.00245	18	0.0389	64.6	0.00101	0.00101	0.00000507	0.00566	0.000998	0.024	0.0155	0.00000524	19.2	0.0000171	0.00021	0.000212	0.00119	0.0409	0.00000791	1.36	5.06	0.0311	0.000582	6.64

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.000981	0.611	0.00000243	0.00149	0.00195	0.00364	
Active Closure (2037-2043): Min	82.8	0.0296	0.0952	0.0032	29.1	0.0328	24.7	0.000551	0.000551	0.00000344	0.00333	0.000379	0.017	0.00836	0.00000493	9.95	0.00000904	0.0000986	0.000118	0.000964	0.0161	0.00000258	1.07	2.58	0.0118	0.000315	12.7	0.00223	0.00731	0.0000277	0.00011	0.0000774	0.0547	0.00000196	0.0000732	0.000167	0.000965	
Active Closure (2037-2043): Mean	197	0.0733	0.264	0.00666	79.7	0.0426	56	0.000941	0.000941	0.0000048	0.00388	0.000545	0.0349	0.00929	0.00000503	14.7	0.0000136	0.000162	0.00016	0.00125	0.019	0.00000466	1.33	4.99	0.0222	0.000647	36.5	0.00456	0.00936	0.0000696	0.000217	0.000126	0.0862	0.00000201	0.000151	0.000276	0.00111	
Active Closure (2037-2043): Max	1650	0.626	2.42	0.0483	720	0.164	435	0.000979	0.000979	0.00000493	0.0108	0.00241	0.247	0.0235	0.00000521	73.8	0.0000667	0.000902	0.000611	0.00445	0.0622	0.0000291	4.1	36.1	0.127	0.00453	360	0.0309	0.0392	0.000344	0.00142	0.000673	0.426	0.00000205	0.00105	0.00141	0.00272	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	83.6	0.0299	0.0911	0.00311	26.1	0.0328	25	0.000976	0.000976	0.00000492	0.00334	0.000382	0.0172	0.00848	0.00000502	10	0.00000908	0.000102	0.000118	0.000963	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	10.7	0.00224	0.00759	0.0000584	0.00011	0.0000777	0.0549	0.00000201	0.0000738	0.000168	0.000968	
Post Closure (2044-2099): Mean	112	0.041	0.0977	0.00322	28.6	0.0372	43.3	0.000989	0.000989	0.000005	0.00454	0.000695	0.025	0.0123	0.00000514	16.2	0.0000139	0.000187	0.000179	0.0011	0.0299	0.00000543	1.27	4.66	0.0247	0.000468	12.5	0.00309	0.0189	0.000136	0.000178	0.000102	0.0793	0.00000205	0.00011	0.000335	0.00125	
Post Closure (2044-2099): Max	131	0.0514	0.104	0.00333	30.7	0.041	56.9	0.00101	0.00101	0.00000509	0.00556	0.000981	0.0309	0.0164	0.00000527	21.7	0.0000178	0.00026	0.000242	0.00124	0.0431	0.00000778	1.46	6.24	0.0373	0.000593	13.8	0.00375	0.0291	0.000219	0.000229	0.000122	0.103	0.0000021	0.000139	0.000488	0.00147	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2026-2099)																																					
2026 Jan																																					
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2029 Feb																																					
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2029 Apr																																					
2029 May	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
2029 Jun	1170	0.432	1.86	0.034	543	0.0812	247	0.000387	0.000387	0.00000226	0.00568	0.00136	0.131	0.00868	0.0000031	49.6	0.0000381	0.0006	0.0003	0.00217	0.026	0.00001153	2.05	24.6	0.0692	0.00212	294	0.0148	0.0188	0.000105	0.00077	0.000341	0.209	0.00000122	0.000506	0.00082	0.00184	
2029 Jul	1290	0.541	2.12	0.0574	665	0.13	313	0.000639	0.000639	0.00000338	0.00898	0.00204	0.195	0.0126	0.00000531	41.7	0.0000553	0.000565	0.000475	0.00385	0.0376	0.00000267	3.65	19.8	0.109	0.00368	224	0.0274	0.0298	0.0000817	0.00129	0.0000583	0.373	0.00000021	0.000886	0.00122	0.00271	
2029 Aug	2070	0.868	3.42	0.0888	1060	0.19	499	0.000442	0.000442	0.00000315	0.0106	0.00267	0.303	0.013	0.00000549	64.8	0.000078	0.000859	0.00068	0.00556	0.0315	0.0000359	5.19	32.6	0.162	0.0057	379	0.0418	0.0209	0.0000487	0.0019	0.0000884	0.551	0.00000216	0.00135	0.0017	0.00327	
2029 Sep	2260	0.957	3.73	0.0935	1150	0.202	539	0.000421	0.000421	0.00000308	0.0117	0.0028	0.322	0.0138	0.00000554	73.5	0.0000842	0.00096	0.000715	0.00584	0.0321	0.0000372	5.42	37	0.169	0.00605	433	0.0437	0.0231	0.0000346	0.00199	0.0000925	0.577	0.00000218	0.00142	0.0018	0.00337	
2029 Oct	1970	0.84	3.22	0.0778	988	0.176	461	0.000479	0.000479	0.00000032	0.0111	0.0025	0.272	0.0139	0.00000523	68.2	0.0000732	0.000871	0.000611	0.00499	0.0338	0.0000321	4.62	33.6	0.141	0.00512	393	0.0361	0.0283	0.0000297	0.00165	0.0000771	0.487	0.00000206	0.00119	0.00152	0.00294	
2029 Nov	1610	0.705	2.63	0.065	811	0.151	379	0.000523	0.000523	0.00000329	0.0104	0.00221	0.227	0.0138	0.00000499	56.5	0.000063	0.000729	0.000528	0.0043	0.0342	0.0000281	4.01	27	0.119	0.00435	312	0.0304	0.031	0.0000269	0.00138	0.0000648	0.417	0.00000197	0.00101	0.0013	0.00259	
2029 Dec	1620	0.707	2.64	0.0652	814	0.152	380	0.000523	0.000523	0.00000329	0.0104	0.00221	0.228	0.0138	0.00000499	56.9	0.0000631	0.000732	0.000529	0.0043	0.0342	0.0000281	4.02	27.2	0.119	0.00436	314	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	
2030 Jan	1620	0.707	2.64	0.0652	814	0.152	381	0.000523	0.000523	0.00000329	0.0104	0.00221	0.228	0.0138	0.00000499	56.9	0.0000631	0.000732	0.000529	0.0043	0.0342	0.0000281	4.02	27.2	0.119	0.00436	314	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	
2030 Feb	1620	0.708	2.64	0.0652	814	0.152	381	0.000523	0.000523	0.00000329	0.0104	0.00222	0.228	0.0138	0.00000499	56.9	0.0000631	0.000732	0.000529	0.0043	0.0342	0.0000281	4.02	27.2	0.119	0.00436	314	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	
2030 Mar	1620	0.708	2.64	0.0652	815	0.152	381	0.000523	0.000523	0.00000329	0.0104	0.00222	0.228	0.0138	0.000005	56.9	0.0000632	0.000733	0.000529	0.00431	0.0342	0.0000281	4.02	27.2	0.119	0.00436	315	0.0305	0.031	0.0000269	0.00138	0.00065	0.418	0.00000197	0.00101	0.0013	0.00259	
2030 Apr	1620	0.709	2.64	0.0653	816	0.152	381	0.000524	0.000524	0.00000033	0.0104	0.00222	0.228	0.0138	0.000005	57	0.0000632	0.000734	0.00053	0.00431	0.0343	0.0000282	4.03	27.2	0.12	0.00436	315	0.0305	0.031	0.000027	0.00138	0.0000651	0.418	0.00000197	0.00101	0.0013	0.0026	
2030 May	1640	0.717	2.68	0.066	825	0.154	386	0.000529	0.000529	0.00000333	0.0105	0.00224	0.231	0.014	0.00000506	57.7	0.000064	0.000743	0.000535	0.00436	0.0346	0.0000285	4.07	27.6	0.121	0.00441	319	0.0309	0.0313	0.0000273	0.0014	0.0000658	0.423	0.00000199	0.00102	0.00132	0.00262	
2030 Jun	1170	0.507	1.93	0.0527	607	0.115	286	0.000595	0.000595	0.00000354	0.00948	0.00182	0.18	0.0114	0.00000493	38.1	0.000057	0.000553	0.000441	0.00349	0.0333	0.0000246	3.38	17.8	0.102	0.0034	200	0.0253	0.0292	0.0000654	0.00123	0.0000536	0.344	0.00000195	0.00082	0.00125	0.00276	
2030 Jul	1600	0.665	2.63	0.0694	820	0.151	393	0.000522	0.000522	0.00000335	0.00976	0.00224	0.24	0.0118	0.0000052	51.7	0.000067	0.0007	0.000554	0.00449	0.0336	0.0000301	4.21	25.7	0.131	0.00446	286	0.0332	0.0247	0.0000723	0.00157	0.0000703	0.44	0.00000205	0.00107	0.00147	0.00303	
2030 Aug	2000	0.828	3.29	0.0846	1020	0.186	489	0.000465	0.000465	0.00000323	0.0104	0.00264	0.294	0.0129	0.00000548	65.4	0.0000759	0.000851	0.000659	0.0054	0.0332	0.0000335	5.01	33	0.156	0.00549	368	0.0403	0.0221	0.0000589	0.00184	0.0000854	0.531	0.00000216	0.0013	0.00165	0.00322	
2030 Sep	2230	0.931	3.66	0.0942	1140	0.204	545	0.000422	0.000422	0.00000312	0.0113	0.00284	0.328	0.0134	0.00000563	72.3	0.0000846	0.000947	0.000727	0.00595	0.0323	0.0000381	5.52	36.7	0.173	0.00613	410	0.0448	0.0212	0.0000478	0.00204	0.0000947	0.589	0.00000221	0.00145	0.00183	0.00346	
2030 Oct	1980	0.844	3.24	0.0827	1000	0.183	483	0.000421	0.000421	0.00000298	0.011	0.00256	0.29	0.0132	0.00000519	66.1	0.000077	0.000863	0.000651	0.00531	0.0319	0.0000339	4.92	33	0.152	0.00547	367	0.0393	0.0243	0.0000342	0.00179	0.0000832	0.523	0.00000204	0.00128	0.00164	0.00308	
2030 Nov	1790	0.773	2.92	0.0744	906	0.168	436	0.000459	0.000459	0.00000309	0.0107	0.0024	0.262	0.0134	0.00000507	61.4	0.0000708	0.000798	0.000596	0.00486	0.0326	0.0000313	4.52	30.2	0.138	0.00497	334	0.0354	0.0269	0.0000309	0.00161	0.0000751	0.476	0.000002	0.00116	0.00149	0.00285	
2030 Dec	1800	0.773	2.93	0.0745	907	0.169	436	0.000459	0.000459	0.00000309	0.0107	0.0024	0.262	0.0134	0.00000507	61.5	0.0000708	0.000799	0.000596	0.00486	0.0326	0.0000313	4.52	30.2	0.138	0.00497	334	0.0355	0.0269	0.0000309	0.00161	0.0000752	0.476	0.000002	0.00116	0.00149	0.00285	
2031 Jan	1800	0.774	2.93	0.0745	907	0.169	436	0.000459	0.000459	0.00000309	0.0107	0.0024	0.262	0.0134	0.00000507	61.5	0.0000708	0.000799	0.000596	0.00486	0.0327	0.0000313	4.52	30.2	0.138	0.00497	334	0.0355	0.0269	0.0000309	0.00161	0.0000752	0.476	0.000002	0.00116	0.00149	0.00285	
2031 Feb	1800	0.774	2.93	0.0745	907	0.169	436	0.000459	0.000459	0.00000309	0.0107	0.0024	0.262	0.0134	0.00000507	61.5	0.0000708	0.000799	0.000596	0.00486	0.0327	0.0000313	4.52	30.2	0.138	0.00497	334	0.0355	0.0269	0.0000309	0.00161	0.0000752	0.476	0.000002	0.00116	0.00149	0.00285	
2031 Mar	1800	0.774	2.93	0.0745	907	0.169	436	0.000459	0.000459	0.00000309	0.0107	0.0024	0.262	0.0134	0.00000508	61.5	0.0000708	0.000799	0.000597	0.00486	0.0327	0.0000313	4.52	30.2	0.138	0.00498	334	0.0355	0.0269	0.0000309	0.00161	0.0000752	0.477	0.000002	0.00116	0.00149	0.00286	
2031 Apr	1810	0.778	2.94	0.0749	913	0.17	439	0.000462	0.000462	0.00000311	0.0108	0.00241	0.264	0.0134	0.0000051	61.8	0.0000712	0.000804	0.0006	0.00489	0.0328	0.0000315	4.55	30.4	0.139	0.005	336	0.0357	0.0271	0.0000311	0.00162	0.0000756	0.479	0.00000201	0.00117	0.0015	0.00287	
2031 May	1810	0.775	2.95	0.073	911	0.163	426	0.000506	0.000506	0.00000329	0.0107	0.00247	0.254	0.0165	0.0000052	64	0.0000699	0.000827	0.000635	0.00477	0.0416	0.0000307	4.51	30.5	0.144	0.00478	351	0.0342	0.0297	0.000127	0.00157	0.0000735	0.473	0.00000205	0.00112	0.00156	0.00289	
2031 Jun	1100	0.479	1.78	0.0464	558	0.104	256	0.000712	0.000712	0.00000404	0.00934	0.00207	0.159	0.0221	0.00000524	45	0.0000533	0.000622	0.000581	0.00334	0.0615	0.0000232	3.48	18	0.122	0.00298	200	0.0221	0.038	0.00036	0.00111	0.0005	0.348	0.00000208	0.000724	0.00144	0.00271	
2031 Jul	1500	0.636	2.47	0.0631	768	0.136	342	0.00074	0.00074	0.00000434	0.0108	0.00235	0.211	0.0191	0.00000594	52.1	0.0000656	0.000719	0.000612	0.00417	0.0545	0.0000289	4.14	23.2	0.135	0.00392	284	0.0292	0.0373	0.000246	0.00143	0.000637	0.421	0.00000235	0.00095	0.00159	0.00322	
2031 Aug	2420	1.01	4.09	0.0969	1250	0.195	526	0.000428	0.000428	0.00000309	0.0109	0.00275	0.314	0.0136	0.00000548	72.3	0.0000812	0.000944	0.000705	0.00566	0.0329	0.0000364	5.28	36.5	0.168	0.00582	507	0.0425	0.0208	0.0000718	0.00195	0.0000904	0.562	0.00000215	0.00138	0.00178	0.00338	
2031 Sep	2770	1.15	4.71	0.0981	1400	0.196	544	0.000437	0.000437	0.00000307	0.0112	0.00275	0.311	0.0136	0.00000532	85.9	0.00008	0.00106	0.00066	0.00542	0.0324	0.0000346	4.97	43.5	0.156	0.00563	667	0.0396	0.0248	0.0000333	0.00182	0.0000854	0.527	0.00000208	0.00131	0.00164	0.00318	
2031 Oct	2210	0.935	3.73	0.0753	1110	0.159	421	0.000557	0.000557	0.00000344	0.0105	0.00235	0.239	0.0143	0.00000513	72.1	0.0000646	0.000879	0.000525	0.00431	0.0359	0.0000282	3.97	35.2	0.118	0.00437	545	0.0297	0.0331	0.0000272	0.00137	0.0000648	0.411	0.00000201	0.00101	0.00128	0.00264	
2031 Nov	2370	0.994	4.01	0.0786	1180	0.164	441	0.000559	0.000559	0.00000347	0.0107	0.00242	0.247	0.0144	0.00000519	77.4	0.0000663	0.000934	0.000536	0.0044	0.0363	0.0000288	4.04	38	0.121	0.00448	600	0.0304	0.0333	0.0000276	0.0014	0.0000665	0.418	0.00000204	0.00103	0.0013	0.0027	
2031 Dec	2370	0.995	4.01	0.0786	1190	0.164	442	0.000559	0.000559	0.00000347	0.0107	0.00242	0.248	0.0144	0.00000519	77.4	0.0000664	0.000935	0.000536	0.0044	0.0363	0.0000288	4.04	38.1	0.121	0.00448	600	0.0304	0.0333	0.0000277	0.0014	0.0000665	0.419	0.00000204	0.00103	0.0013	0.0027	
2032 Jan	2370	0.995	4.01	0.0787	1190	0.164	442	0.000559	0.000559	0.00000347	0.0107	0.00242	0.248	0.0144	0.00000519	77.4	0.0000664	0.000935	0.000536	0.0044	0.0363	0.0000288	4.04	38.1	0.121	0.00448	600	0.0304	0.0333	0.0000277	0.0014	0.0000665	0.419	0.00000204	0.00103	0.0013	0.0027	
2032 Feb	2370	0.995	4.01	0.0787	1190	0.164	442	0.000559	0.000559	0.00000347	0.0107	0.00242	0.248	0.0144	0.00000519	77.4	0.0000664	0.000935	0.000536	0.0044	0.0363	0.0000288	4.04	38.1	0.121	0.00448	600	0.0304	0.0333	0.0000277	0.0014	0.0000665	0.419	0.00000204	0.00103	0.0013	0.0027	
2032 Mar	2370	0.995	4.01	0.0787	1190	0.164	442	0.000559	0.000559	0.00000347	0.0107	0.00242	0.248	0.0144	0.0000052	77.5	0.0000664	0.000935	0.000536	0.00441	0.0363	0.0000288	4.04	38.1	0.121	0.00449	601	0.0304	0.0333	0.0000277	0.0014	0.0000665	0.419	0.00000204	0.00103	0.0013	0.00271	
2032 Apr	2380	0.998	4.03	0.0789	1190	0.165	443	0.000561	0.000561	0.00000348	0.0107	0.00243	0.248	0.0145	0.00000521	77.7	0.0000666	0.000938	0.000538	0.00442	0.0364	0.0000289	4.05	38.2	0.122	0.0045	602	0.0305	0.0334	0.0000278	0.0014	0.000667	0.42	0.00000205	0.00104	0.00131	0.00271	
2032 May	2440	1.02	4.13	0.0808	1220	0.168	454	0.000566	0.000566	0.00000352	0.0109	0.00249	0.254	0.0148	0.00000529	79.6	0.0000681	0.000961	0.000553	0.00452	0.0374	0.0000295	4.15	39.2	0.125	0.0046	618	0.0312	0.0337	0.0000349	0.00144	0.0000684	0.43	0.00000208	0.00106	0.00135	0.00277	

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364	
2032 Jun	1340	0.562	2.24	0.0539	685	0.113	290	0.000615	0.000615	0.0000036	0.0093	0.00184	0.177	0.0121	0.00000493	43.3	0.0000562	0.000602	0.000441	0.00337	0.036	0.000024	3.27	20.3	0.101	0.00325	275	0.024	0.03	0.0000977	0.00119	0.0000518	0.332	0.00000195	0.000785	0.00125	0.00276	
2032 Jul	1910	0.794	3.23	0.0777	987	0.161	419	0.000504	0.000504	0.00000329	0.00933	0.00236	0.252	0.0123	0.00000521	57.5	0.0000658	0.000738	0.000571	0.00469	0.0344	0.0000308	4.33	28.8	0.134	0.00465	396	0.0343	0.024	0.0000711	0.00159	0.0000729	0.455	0.00000205	0.00111	0.00143	0.00291	
2032 Aug	2310	0.954	3.91	0.0869	1180	0.179	476	0.000495	0.000495	0.00000329	0.0099	0.00256	0.279	0.0131	0.00000535	71.1	0.0000702	0.000899	0.000607	0.00499	0.0312	0.0000327	4.65	35.6	0.143	0.00511	521	0.0366	0.0228	0.0000412	0.00168	0.0000788	0.489	0.00000221	0.0012	0.00149	0.00301	
2032 Sep	2310	0.975	3.9	0.0906	1190	0.186	493	0.000459	0.000459	0.00000317	0.0107	0.00262	0.293	0.0134	0.00000538	70.3	0.0000755	0.000908	0.000647	0.00529	0.0309	0.0000342	4.94	35.1	0.153	0.00547	497	0.0392	0.0231	0.000032	0.00178	0.0000836	0.522	0.00000211	0.00128	0.0016	0.00312	
2032 Oct	2260	0.964	3.81	0.0887	1160	0.183	482	0.000462	0.000462	0.00000317	0.011	0.00258	0.287	0.0137	0.00000533	69	0.0000756	0.000891	0.00064	0.00523	0.0324	0.0000337	4.86	34.3	0.15	0.00539	483	0.0384	0.0256	0.0000309	0.00175	0.0000818	0.514	0.00000221	0.00126	0.00159	0.00307	
2032 Nov	2500	1.05	4.24	0.0928	1270	0.189	510	0.000462	0.000462	0.00000318	0.0112	0.00267	297	0.0138	0.00000536	77.4	0.0000776	0.000974	0.000647	0.0053	0.033	0.0000341	4.9	38.8	0.151	0.00548	573	0.0387	0.0262	0.0000331	0.00177	0.0000833	0.518	0.00000211	0.00128	0.00161	0.00312	
2032 Dec	2570	1.08	4.35	0.0923	1300	0.187	511	0.000466	0.000466	0.00000317	0.0111	0.00265	0.294	0.0138	0.00000531	80.1	0.0000767	0.000995	0.000634	0.0052	0.0333	0.0000334	4.78	40.2	0.148	0.00538	607	0.0377	0.0269	0.0000304	0.00173	0.0000812	0.505	0.00000208	0.00125	0.00157	0.00307	
2033 Jan	2570	1.08	4.35	0.0924	1300	0.187	511	0.000466	0.000466	0.00000317	0.0111	0.00265	0.294	0.0138	0.00000531	80.1	0.0000768	0.000995	0.000634	0.0052	0.0333	0.0000334	4.78	40.2	0.148	0.00538	607	0.0377	0.0269	0.0000304	0.00173	0.0000812	0.505	0.00000208	0.00125	0.00157	0.00307	
2033 Feb	2570	1.08	4.35	0.0924	1300	0.187	511	0.000466	0.000466	0.00000317	0.0111	0.00266	0.294	0.0138	0.00000531	80.1	0.0000768	0.000995	0.000634	0.00521	0.0333	0.0000334	4.79	40.2	0.148	0.00538	607	0.0377	0.0269	0.0000304	0.00173	0.0000813	0.505	0.00000208	0.00125	0.00157	0.00307	
2033 Mar	2570	1.08	4.36	0.0926	1310	0.188	512	0.000467	0.000467	0.00000318	0.0112	0.00266	0.295	0.0139	0.00000532	80.3	0.0000769	0.000997	0.000636	0.00522	0.0334	0.0000335	4.8	40.3	0.148	0.00539	609	0.0378	0.0269	0.0000305	0.00173	0.0000814	0.506	0.00000209	0.00126	0.00158	0.00308	
2033 Apr	2600	1.09	4.41	0.0936	1320	0.19	517	0.000472	0.000472	0.00000322	0.0113	0.00269	0.298	0.014	0.00000538	81.1	0.0000778	0.00101	0.000642	0.00527	0.0337	0.0000339	4.85	40.7	0.15	0.00545	615	0.0382	0.0272	0.0000308	0.00175	0.0000823	0.512	0.00000211	0.00127	0.00159	0.00311	
2033 May	2080	0.867	3.48	0.0715	1040	0.149	404	0.000613	0.000613	0.00000371	0.0101	0.00259	231	0.0232	0.00000536	74.7	0.0000654	0.000929	0.000693	0.00435	0.0605	0.0000283	4.28	34	0.15	0.00417	501	0.0295	0.0355	0.000338	0.00141	0.0000666	0.442	0.00000211	0.000983	0.00162	0.00289	
2033 Jun	1350	0.563	2.18	0.0514	669	0.117	306	0.00062	0.00062	0.00000365	0.00918	0.00226	0.184	0.0239	0.00000503	54.2	0.0000579	0.000723	0.000667	0.00373	0.0647	0.0000248	3.86	22.7	0.142	0.00341	275	0.0253	0.0344	0.000429	0.00125	0.0000573	0.394	0.00000199	0.000826	0.00161	0.00277	
2033 Jul	1830	0.748	2.98	0.0733	917	0.166	440	0.00052	0.00052	0.00000342	0.0104	0.00258	0.267	0.0169	0.00000548	61.3	0.0000739	0.000816	0.000693	0.00505	0.0458	0.0000329	4.82	29.4	0.159	0.00497	356	0.037	0.0268	0.000201	0.00173	0.0000793	0.507	0.00000216	0.00119	0.00174	0.00325	
2033 Aug	2370	0.962	3.89	0.0932	1190	0.209	562	0.000447	0.000447	0.00000327	0.0116	0.00296	0.337	0.0149	0.00000587	74.8	0.0000877	0.000979	0.000774	0.00616	0.0378	0.0000394	5.73	37.8	0.184	0.00627	478	0.0462	0.0223	0.000103	0.00213	0.0000981	0.611	0.00000231	0.00149	0.00195	0.00364	
2033 Sep	1990	0.831	3.28	0.0714	986	0.165	431	0.000512	0.000512	0.00000331	0.0106	0.0024	0.253	0.0139	0.00000516	66.2	0.0000681	0.000838	0.00057	0.00465	0.0343	0.0000302	4.32	32.4	0.131	0.00473	447	0.0332	0.0295	0.0000334	0.00151	0.0000712	0.451	0.00000203	0.0011	0.00141	0.00279	
2033 Oct	1850	0.78	3.05	0.0643	912	0.151	388	0.000537	0.000537	0.00000333	0.0103	0.00223	0.226	0.0139	0.00000497	62.8	0.0000621	0.000785	0.000512	0.00419	0.0347	0.0000274	3.88	30.3	0.115	0.00424	429	0.0292	0.032	0.0000265	0.00133	0.0000629	0.402	0.00000196	0.000978	0.00125	0.00255	
2033 Nov	1750	0.744	2.88	0.0607	864	0.145	367	0.000567	0.000567	0.00000344	0.0102	0.00217	0.214	0.0141	0.00000499	60.4	0.0000594	0.000754	0.00049	0.004	0.0356	0.0000264	3.72	28.8	0.109	0.00402	407	0.0275	0.0336	0.0000261	0.00125	0.0000594	0.383	0.00000196	0.000926	0.00119	0.00247	
2033 Dec	1750	0.745	2.88	0.0607	864	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.5	0.0000594	0.000754	0.00049	0.004	0.0356	0.0000264	3.72	28.8	0.109	0.00402	407	0.0275	0.0336	0.0000261	0.00125	0.0000595	0.383	0.00000197	0.000926	0.00119	0.00247	
2034 Jan	1750	0.745	2.88	0.0607	864	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.5	0.0000594	0.000754	0.00049	0.004	0.0356	0.0000264	3.72	28.8	0.109	0.00402	407	0.0275	0.0336	0.0000261	0.00125	0.0000595	0.383	0.00000197	0.000926	0.00119	0.00247	
2034 Feb	1750	0.745	2.88	0.0607	864	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.5	0.0000594	0.000754	0.00049	0.004	0.0356	0.0000264	3.72	28.8	0.109	0.00402	407	0.0275	0.0336	0.0000261	0.00125	0.0000595	0.383	0.00000197	0.000926	0.00119	0.00247	
2034 Mar	1750	0.745	2.88	0.0607	864	0.145	367	0.000567	0.000567	0.00000345	0.0102	0.00217	0.214	0.0141	0.00000499	60.5	0.0000595	0.000754	0.00049	0.004	0.0356	0.0000264	3.72	28.8	0.109	0.00402	407	0.0275	0.0336	0.0000261	0.00125	0.0000595	0.383	0.00000197	0.000926	0.00119	0.00247	
2034 Apr	1760	0.747	2.89	0.0609	867	0.146	368	0.000569	0.000569	0.00000346	0.0102	0.00217	0.214	0.0141	0.000005	60.6	0.0000596	0.000756	0.000492	0.00401	0.0357	0.0000265	3.73	28.9	0.109	0.00404	409	0.0276	0.0337	0.0000261	0.00126	0.0000596	0.384	0.00000197	0.000929	0.0012	0.00248	
2034 May	1680	0.714	2.76	0.0582	827	0.14	354	0.000594	0.000594	0.00000356	0.0101	0.0022	207	0.0163	0.00000505	60.3	0.0000586	0.000755	0.00052	0.00393	0.0418	0.000026	3.73	28	0.114	0.00389	389	0.0267	0.0351	0.0000985	0.00123	0.0000584	0.382	0.00000199	0.000898	0.00125	0.00249	
2034 Jun	1220	0.506	1.91	0.0453	588	0.117	295	0.000624	0.000624	0.00000366	0.00935	0.00214	0.179	0.0209	0.000005	50.4	0.0000559	0.000673	0.000595	0.00363	0.0565	0.0000243	3.67	21.4	0.127	0.00338	241	0.0246	0.0349	0.000314	0.00119	0.0000548	0.374	0.00000198	0.000807	0.00144	0.00263	
2034 Jul	1960	0.752	3.13	0.0677	938	0.174	464	0.000573	0.000573	0.00000366	0.0101	0.00261	271	0.0144	0.00000566	70.3	0.0000706	0.0000876	0.000618	0.00495	0.0405	0.0000327	4.58	35.1	0.144	0.0049	429	0.0356	0.0278	0.000107	0.00166	0.0000768	0.479	0.00000223	0.00117	0.00153	0.00313	
2034 Aug	2220	0.855	3.52	0.0787	1060	0.203	541	0.000567	0.000567	0.00000378	0.0114	0.00294	319	0.0152	0.00000617	78.3	0.0000882	0.00099	0.000714	0.00579	0.0404	0.0000378	5.36	39.4	0.168	0.00583	468	0.0424	0.0273	0.0000891	0.00196	0.0000909	0.565	0.00000243	0.00138	0.00177	0.00353	
2034 Sep	1940	0.781	3.08	0.0658	925	0.172	454	0.00052	0.00052	0.00000337	0.0109	0.00249	265	0.0142	0.00000503	70.8	0.0000708	0.000887	0.000589	0.00482	0.0354	0.0000313	4.45	34.9	0.135	0.00491	429	0.0344	0.03	0.0000361	0.00157	0.0000739	0.466	0.00000209	0.00114	0.00145	0.00289	
2034 Oct	1850	0.754	2.97	0.0592	880	0.156	409	0.000562	0.000562	0.00000346	0.0105	0.00231	233	0.0143	0.00000511	69.7	0.0000634	0.000853	0.000517	0.00424	0.036	0.0000278	3.91	33.9	0.116	0.00429	439	0.0292	0.0334	0.000027	0.00134	0.0000636	0.404	0.00000201	0.000988	0.00126	0.00261	
2034 Nov	1940	0.784	3.1	0.0605	918	0.158	418	0.000573	0.000573	0.00000351	0.0106	0.00235	236	0.0145	0.00000517	72.9	0.000064	0.000884	0.000519	0.00426	0.0365	0.0000228	3.92	35.5	0.117	0.00431	468	0.0292	0.0341	0.0000272	0.00134	0.0000638	0.405	0.00000203	0.000991	0.00126	0.00263	
2034 Dec	1940	0.785	3.11	0.0606	919	0.158	418	0.000574	0.000574	0.00000352	0.0106	0.00235	236	0.0145	0.00000517	73	0.000064	0.000886	0.000519	0.00426	0.0366	0.000028	3.92	35.5	0.117	0.00432	469	0.0292	0.0341	0.0000272	0.00134	0.0000639	0.405	0.00000203	0.000992	0.00126	0.00263	
2035 Jan	1940	0.786	3.11	0.0606	920	0.158	419	0.000573	0.000573	0.00000352	0.0106	0.00235	236	0.0145	0.00000517	73	0.0000641	0.000886	0.000519	0.00426	0.0366	0.000028	3.92	35.6	0.117	0.00432	470	0.0292	0.0341	0.0000273	0.00134	0.0000639	0.405	0.00000203	0.000993	0.00126	0.00263	
2035 Feb	1940	0.786	3.11	0.0606	920	0.158	419	0.000574	0.000574	0.00000352	0.0106	0.00235	236	0.0145	0.00000517	73.1	0.0000641	0.000886	0.000519	0.00426	0.0366	0.000028	3.92	35.6	0.117	0.00432	470	0.0292	0.0341	0.0000273	0.00134	0.0000639	0.405	0.00000203	0.000993	0.00126	0.00263	
2035 Mar	1940	0.786	3.11	0.0606	921	0.158	419	0.000574	0.000574	0.00000352	0.0106	0.00235	236	0.0145	0.00000517	73.1	0.0000641	0.000887	0.00052	0.00426	0.0366	0.000028	3.92	35.6	0.117	0.00432	470	0.0292	0.0341	0.0000273	0.00134	0.0000639	0.405	0.00000203	0.000993	0.00126	0.00263	
2035 Apr	1950	0.79	3.13	0.0609	925	0.159	421	0.000576	0.000576	0.00000353	0.0106	0.00236	238	0.0146	0.0000052	73.4	0.0000644	0.000891	0.000522	0.00428	0.0368	0.0000282	3.94	35.8	0.117	0.00434	472	0.0294	0.0343	0.0000274	0.00135	0.0000642	0.407	0.00000204	0.000998	0.00127	0.00264	
2035 May	1930	0.782	3.09	0.0605	915	0.159	420	0.000595	0.000595	0.00000363	0.0107	0.00241	238	0.016	0.00000529	73.9	0.000065	0.000901	0.000548	0.00432	0.0406	0.0000284	4.02	35.6	0.122	0.00435	465	0.0295	0.0353	0.0000682	0.00136	0.0000649	0.414	0.00000208	0.001	0.00132	0.0027	
2035 Jun	952	0.371	1.41	0.0351	436	0.106	266	0.000634	0.000634	0.00000367	0.00909	0.00191	165	0.0167	0.0000492	41.9	0.0000537	0.000587	0.000505	0.00333	0.0473	0.0000232	3.34	18.1	0.11	0.00309	167	0.0229	0.0326	0.000225	0.00114	0.0000503	0.337	0.00000195	0.000748	0.00133	0.00267	
2035 Jul	1430	0.531	2.13	0.052	653	0.157	406	0.000639	0.000639	0.00000395	0.0108	0.00242	248	0.0144	0.00000584	56.1	0.0000714	0.000761	0.000598	0.00468	0.0414	0.0000318	4.45	27.2	0.139	0.00459	257	0.0341	0.0307	0.000114	0.00163	0.0000728	0.461	0.00000231	0.0011	0.00159	0.00333	
2035 Aug	1830	0.683	2.76	0.0639	838	0.188	503	0.000451	0.000451	0.00000316	0.0106	0.00265	301	0.0131	0.00000544	69.7	0.0000775	0.000911	0.000666	0.00542	0.0311	0.0000351	5.06	35.1	0.158	0.00558	352	0.0405	0.0212	0.0000488	0.00186	0.0000864	0.536	0.00000214	0.00132	0.00168	0.00326	
2035 Sep	1890	0.733	2.91	0.0579	864	0.17	457	0.000537	0.000537	0.00000341	0.0107	0.00248	26	0.0142	0.00000525	76.7	0.0000687	0.000938	0.000563	0.00462	0.0349	0.0000302	4.26	37.8	0.129	0.00473	432	0.0325	0.0308	0.0000285	0.00149	0.0000708	0.444	0.00000206	0.00109	0.00138	0.00281	
2035 Oct	1670	0.659	2.54	0.0525	760	0.159	414	0.00055	0.00055	0.00000343	0.0106	0.00234	239	0.0143	0.00000514	68.2	0.0000651	0.000845	0.000534	0.00437	0.0358	0.0000286	4.04	33.1	0.121	0.00443	366	0.0304	0.0328	0.0000274	0.00139	0.0000659	0.419	0.00000202	0.00102	0.00131	0.00266	
2035 Nov	1650	0.653	2.52	0.0525	754	0.159	414	0.000528	0.000528	0.00000333	0.0105	0.00232	24	0.014	0.00000506	67.2	0.0000652	0.000836	0.000536	0.00438	0.0348	0.0000286	4.05	32.8	0.122	0.00446	359	0.0307	0.0315	0.0000271	0.00141	0.0000664	0.422	0.00000199	0.00103	0.00132	0.00266	
2035 Dec	1650	0.654	2.52	0.0526	755	0.159	415	0.000529	0.000529	0.00000333	0.0105	0.00232	24	0.014	0.00000506	67.4	0.0000653	0.000837	0.000536	0.00439	0.0349	0.0000286	4.06	32.8	0.122	0.00446	360	0.0308	0.0315	0.0000271	0.00141	0.0000664	0.422	0.00000199	0.00103	0.00132	0.00266	
2036 Jan	1650	0.654	2.52	0.0526	755	0.159	415	0.000529	0.000529	0.00000333	0.0105	0.00232	24	0.014	0.00000506	67.4	0.0000653	0.000837	0.000536	0.00439	0.0349	0.0000286	4.06	32.8	0.122	0.00446	360	0.0308	0.0315	0.0000271	0.00141	0.0000664	0.422	0.00000199	0.00103	0.00132	0.00266	
2036 Feb	1650	0.654	2.52	0.0526	755	0.159	415	0.000529	0.000529	0.00000333	0.0105	0.00232	24	0.014	0.00000506	67.4	0.0000653	0.000837	0.000536	0.00439	0.0349	0.0000286	4.06	32.8	0.122	0.00446	360	0.0308	0.0315	0.0000271	0.00141	0.0000664	0.422	0.00000199	0.00103	0.00132	0.00266	
2036 Mar	1650	0.654	2.52	0.0526	755	0.159	415	0.000529	0.000529	0.00000333	0.0105	0.00232	24	0.014	0.00000506	67.4	0.0000653	0.000837	0.000536	0.00439	0.0349	0.0000286	4.06	32.8	0.122	0.00446	360	0.0308	0.0315	0.0000271	0.00141	0.0000664	0.422	0.00000199	0.00103	0.00132	0.00266	
2036 Apr	1670	0.658	2.54	0.0529	760	0.16	418	0.00053	0.00053	0.00000334	0.0106	0.00234	242	0.0142	0.00000508	68	0.0000657	0.000844	0.000543	0.00442	0.0354	0.0000288	4.09	33.1	0.123	0.00449	363	031	0.0316	0.00003	0.00142	0.0000669	0.425	0.000002	0.00104	0.00133	0.00268	
2036 May	1700	0.669	2.58	0.0539	773	0.163	427	0.000536	0.000536	0.00000338	0.0107	0.0024	247	0.0149	0.00000517	69.7	0.0000672	0.000866	0.000565	0.00452	0.0373	0.0000294	4.2	33.8	0.128	0.00459	369	0.0317	0.0321	0.0000423	0.00145	0.0000685	0.437	0.00000203	0.00106	0.00138	0.00274	
2036 Jun	1020	0.375	1.46	0.0347	448	0.117	298	0.000625	0.000625	0.00000367	0.00953	0.00191	182	0.0132	0.00000503	44.9	0.0000574	0.000621	0.000464	0.00348	0.0383	0.0000246	3.39	20.9	0.105	0.00336	184	0.0247	0.0311	0.000112	0.00122	0.0000533	0.344	0.00000199	0.000809	0.00129	0.0028	
2036 Jul	1280	0.448	1.81	0.0441	555	0.154	395	0.000577	0.000577	0.00000362	0.0098	0.00232	24	0.0127	0.00000545	53.7	0.0000659	0.000771	0.000557	0.00453	0.0366	0.0000305	4.24	26.5	0.13	0.00446	220	0.0333	0.0272	0.0000787	0.00155	0.0000702	0.441	0.00000215	0.00107	0.00144	0.00303	
2036 Aug	1650	0.584	2.35	0.0569	721	0.195	511	0.000516	0.000516	0.00000353	0.0111	0.00278	309	0.0138	0.0000059	67.9	0.0000806	0.000891	0.000695	0.00569	0.0362	0.000037	5.28	34.2	0.165	0.00575	287	0.0423	0.0246	0.0000678	0.00195	0.0000897	0.559	0.00000232	0.00137	0.00176	0.00346	
2036 Sep	1960	0.711	2.86	0.0616	857	0.201	556	0.000396	0.000396	0.00000293	0.0113	0.00279	323	0.0132	0.00000532	82	0.0000833	0.00103	0.000694	0.0057	0.0311	0.0000362	5.23	41.8	0.165	0.00592	393	0.0423	0.0221	0.0000349	0.00194	0.0000905	0.559	0.00000209	0.00139	0.00175	0.0033	
2036 Oct	1410	0.549	2.06	0.0416	614	0.148	374	0.000617	0.000617	0.00000368	0.0105	0.00223	215	0.0149	0.0000052	64.9	0.0000598	0.000797	0.000489	0.004	0.0378	0.0000266	3.72	30.9	0.108	0.00401	303	027	0.0364	0.0000269	0.00124	0.0000589	0.38	0.00000205	0.000918	0.00118	0.00251	
2036 Nov	1610	0.614	2.36	0.0472	703	0.161	425	0.000561	0.000561	0.00000348	0.0107	0.00238	242	0.0144	0.00000518	72.3	0.0000656	0.000884	0.000534	0.00438	0.0363	0.0000287	4.04	35.3	0.121	0.00445	351	0.0303	0.0333	0.0000277	0.00139	0.00066	0.418	0.00000204	0.00102	0.0013	0.00268	
2036 Dec	1640	0.622	2.41	0.0479	715	0.163	432	0.000551	0.000551	0.00000344	0.0107	0.00239	246	0.0143	0.00000517	73.3	0.0000663	0.000896	0.00054	0.00443	0.0359	0.0000289	4.07	35.9	0.122	0.0045	358	0.0307	0.0328	0.0000277	0.00141	0.0000669	0.423	0.00000203	0.00104	0.00132	0.0027	
2037 Jan	1640	0.622	2.41	0.0479	715	0.163	432	0.000551	0.000551	0.00000344	0.0107	0.00239	246	0.0143	0.00000518	73.3	0.0000663	0.000896	0.00054	0.00443	0.0359	0.0000289	4.07	35.9	0.122	0.0045	358	0.0307	0.0328	0.0000277	0.00141	0.0000669	0.423	0.00000203	0.00104	0.00132	0.0027	
2037 Feb	1640	0.622	2.41	0.0479	715	0.163	432	0.000551	0.000551	0.00000344	0.0107	0.00239	246	0.0143	0.00000518	73.3	0.0000663	0.000896	0.00054	0.00443	0.036	0.0000289	4.08	35.9	0.122	0.0045	358	0.0307	0.0328	0.0000277	0.00141	0.0000669	0.423	0.00000203	0.00104	0.00132	0.0027	
2037 Mar	1640	0.623	2.41	0.048	717	0.163	433	0.000552	0.000552	0.00000344	0.0107	0.0024

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.0000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364	
2039 Dec	108	0.0387	0.131	0.00407	40.4	0.0352	32.4	0.000965	0.000965	0.00000488	0.00342	0.000411	0.0216	0.00856	0.00000502	10.8	0.0000101	0.00011	0.00013	0.00104	0.0166	0.00000303	1.14	3.05	0.0144	0.000402	17.1	0.00287	0.00739	0.0000599	0.000139	0.0000906	0.0631	0.000002	0.0000939	0.000193	0.000994	
2040 Jan	108	0.0387	0.131	0.00407	40.4	0.0352	32.4	0.000965	0.000965	0.00000488	0.00342	0.000411	0.0216	0.00856	0.00000502	10.8	0.0000101	0.00011	0.00013	0.00104	0.0166	0.00000303	1.14	3.05	0.0144	0.000402	17.1	0.00287	0.00739	0.0000599	0.000139	0.0000906	0.0631	0.000002	0.0000939	0.000193	0.000994	
2040 Feb	108	0.0387	0.131	0.00407	40.4	0.0352	32.4	0.000965	0.000965	0.00000488	0.00342	0.000411	0.0216	0.00856	0.00000502	10.8	0.0000101	0.00011	0.00013	0.00104	0.0166	0.00000303	1.14	3.05	0.0144	0.000402	17.1	0.00287	0.00739	0.0000599	0.000139	0.0000906	0.0631	0.000002	0.0000939	0.000193	0.000994	
2040 Mar	108	0.0387	0.131	0.00407	40.4	0.0352	32.4	0.000965	0.000965	0.00000488	0.00342	0.000411	0.0216	0.00856	0.00000502	10.8	0.0000101	0.00011	0.00013	0.00104	0.0166	0.00000303	1.14	3.05	0.0144	0.000402	17.1	0.00287	0.00739	0.0000599	0.000139	0.0000907	0.0631	0.000002	0.0000939	0.000193	0.000994	
2040 Apr	108	0.0388	0.132	0.00407	40.4	0.0352	32.4	0.000966	0.000966	0.00000488	0.00342	0.000411	0.0216	0.00856	0.00000502	10.8	0.0000101	0.00011	0.00013	0.00104	0.0166	0.00000303	1.14	3.05	0.0144	0.000402	17.1	0.00287	0.00739	0.00006	0.000139	0.0000907	0.0631	0.000002	0.0000939	0.000193	0.000994	
2040 May	108	0.0389	0.132	0.00408	40.5	0.0352	32.5	0.000966	0.000966	0.00000489	0.00343	0.000413	0.0217	0.0086	0.00000502	10.9	0.0000101	0.00011	0.00013	0.00104	0.0167	0.00000304	1.14	3.06	0.0146	0.000403	17.1	0.00288	0.00744	0.0000609	0.000139	0.0000909	0.0634	0.000002	0.0000941	0.000195	0.000996	
2040 Jun	109	0.0401	0.135	0.00417	40.7	0.0353	33.3	0.000962	0.000962	0.00000487	0.00347	0.00043	0.0222	0.00886	0.00000501	11.1	0.0000104	0.000116	0.000135	0.00105	0.0176	0.00000332	1.16	3.12	0.0158	0.000414	17.1	0.00298	0.00795	0.0000686	0.000145	0.0000931	0.0654	0.000002	0.0000972	0.000209	0.00101	
2040 Jul	107	0.039	0.131	0.00408	39.6	0.0351	32.5	0.000965	0.000965	0.00000488	0.00344	0.000424	0.0217	0.00878	0.00000502	11	0.0000103	0.000116	0.000132	0.00105	0.0175	0.00000313	1.15	3.06	0.0153	0.000405	16.6	0.00291	0.00781	0.0000677	0.000142	0.0000917	0.0641	0.000002	0.000095	0.000205	0.00101	
2040 Aug	103	0.0374	0.125	0.00394	37.9	0.0348	31.1	0.000968	0.000968	0.00000489	0.00341	0.000414	0.0209	0.0087	0.00000502	10.8	0.00001	0.000113	0.000129	0.00103	0.0172	0.000003	1.13	2.97	0.0146	0.000389	16	0.00279	0.00759	0.0000652	0.000135	0.0000892	0.0624	0.00000201	0.0000911	0.000197	0.000995	
2040 Sep	99.4	0.0359	0.12	0.00381	36.6	0.0344	30	0.00097	0.00097	0.0000049	0.00339	0.000404	0.0202	0.00864	0.00000502	10.6	0.00000979	0.000108	0.000128	0.00102	0.0169	0.00000288	1.12	2.9	0.014	0.000375	15.5	0.00268	0.00741	0.0000626	0.00013	0.000087	0.061	0.00000201	0.0000877	0.000189	0.000986	
2040 Oct	97.6	0.0352	0.117	0.00373	35.8	0.0342	29.3	0.000971	0.000971	0.0000049	0.00337	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000966	0.000105	0.000127	0.00101	0.0167	0.00000282	1.12	2.85	0.0137	0.000368	15.2	0.00262	0.00735	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000857	0.000185	0.000981	
2040 Nov	97.7	0.0352	0.117	0.00373	35.9	0.0342	29.3	0.000971	0.000971	0.0000049	0.00337	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000967	0.000105	0.000127	0.00101	0.0167	0.00000282	1.12	2.86	0.0137	0.000368	15.3	0.00262	0.00735	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000858	0.000185	0.000981	
2040 Dec	97.7	0.0352	0.117	0.00374	35.9	0.0342	29.3	0.000971	0.000971	0.0000049	0.00337	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000967	0.000105	0.000127	0.00101	0.0167	0.00000282	1.12	2.86	0.0137	0.000368	15.3	0.00262	0.00735	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000858	0.000185	0.000981	
2041 Jan	97.7	0.0352	0.117	0.00374	35.9	0.0342	29.3	0.000971	0.000971	0.0000049	0.00337	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000967	0.000105	0.000127	0.00101	0.0167	0.00000282	1.12	2.86	0.0137	0.000368	15.3	0.00262	0.00735	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000858	0.000185	0.000981	
2041 Feb	97.7	0.0352	0.117	0.00374	35.9	0.0342	29.3	0.000971	0.000971	0.0000049	0.00337	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000967	0.000105	0.000127	0.00101	0.0167	0.00000283	1.12	2.86	0.0137	0.000368	15.3	0.00262	0.00735	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000858	0.000185	0.000981	
2041 Mar	97.7	0.0352	0.117	0.00374	35.9	0.0342	29.3	0.000971	0.000971	0.0000049	0.00337	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000967	0.000105	0.000127	0.00101	0.0167	0.00000283	1.12	2.86	0.0137	0.000368	15.3	0.00263	0.00735	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000858	0.000185	0.000981	
2041 Apr	97.7	0.0352	0.117	0.00374	35.9	0.0342	29.3	0.000971	0.000971	0.0000049	0.00338	0.000399	0.0198	0.00862	0.00000503	10.5	0.00000967	0.000105	0.000127	0.00101	0.0167	0.00000283	1.12	2.86	0.0137	0.000368	15.3	0.00263	0.00736	0.0000619	0.000127	0.0000858	0.0603	0.00000201	0.0000859	0.000185	0.000981	
2041 May	98.3	0.0354	0.118	0.00375	36.1	0.0343	29.5	0.000972	0.000972	0.0000049	0.00338	0.0004	0.0199	0.00863	0.00000503	10.6	0.00000969	0.000106	0.000128	0.00101	0.0167	0.00000283	1.12	2.88	0.0138	0.000369	15.4	0.00263	0.00737	0.0000621	0.000128	0.0000861	0.0605	0.00000201	0.0000862	0.000186	0.000982	
2041 Jun	99.1	0.0359	0.12	0.0038	36.2	0.0344	30	0.000969	0.000969	0.0000049	0.00341	0.000406	0.0202	0.00862	0.00000502	10.6	0.00000988	0.000108	0.000128	0.00101	0.0169	0.00000293	1.12	2.91	0.014	0.000375	15.4	0.00268	0.00762	0.0000623	0.000131	0.0000869	0.0609	0.00000201	0.0000877	0.00019	0.000992	
2041 Jul	98.3	0.0358	0.12	0.00381	35.6	0.0343	30.1	0.000967	0.000967	0.0000048	0.00341	0.000406	0.0203	0.00855	0.00000501	10.5	0.00000994	0.00011	0.000126	0.00102	0.0169	0.00000297	1.12	2.89	0.0139	0.000377	15.1	0.00271	0.00766	0.0000618	0.000132	0.0000871	0.0608	0.000002	0.0000884	0.000191	0.000994	
2041 Aug	95.2	0.0345	0.115	0.0037	34.4	0.0341	29	0.00097	0.00097	0.0000049	0.00338	0.000399	0.0196	0.00851	0.00000502	10.4	0.00000973	0.000108	0.000124	0.00101	0.0167	0.00000287	1.11	2.82	0.0134	0.000365	14.7	0.00261	0.0075	0.0000602	0.000128	0.0000852	0.0595	0.00000201	0.0000853	0.000185	0.000987	
2041 Sep	92.8	0.0334	0.111	0.0036	33.5	0.0338	28.2	0.000972	0.000972	0.0000049	0.00337	0.000392	0.0191	0.00847	0.00000502	10.3	0.00000955	0.000104	0.000123	0.000995	0.0165	0.00000278	1.1	2.77	0.013	0.000354	14.3	0.00253	0.00737	0.0000584	0.000124	0.0000835	0.0585	0.00000201	0.0000827	0.00018	0.00098	
2041 Oct	91.7	0.033	0.109	0.00355	33	0.0337	27.8	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.2	0.00000947	0.000102	0.000123	0.000991	0.0163	0.00000274	1.1	2.75	0.0128	0.00035	14.2	0.00249	0.00733	0.0000558	0.000122	0.0000828	0.0581	0.00000201	0.0000816	0.000177	0.000976	
2041 Nov	91.9	0.0331	0.11	0.00356	33.1	0.0337	27.8	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.2	0.00000948	0.000102	0.000123	0.000991	0.0164	0.00000274	1.1	2.75	0.0128	0.000351	14.2	0.0025	0.00734	0.0000558	0.000122	0.0000828	0.0581	0.00000201	0.0000817	0.000177	0.000977	
2041 Dec	91.9	0.0331	0.11	0.00356	33.1	0.0337	27.9	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.2	0.00000948	0.000102	0.000123	0.000991	0.0164	0.00000274	1.1	2.75	0.0128	0.000351	14.2	0.0025	0.00734	0.0000558	0.000122	0.0000828	0.0581	0.00000201	0.0000817	0.000177	0.000977	
2042 Jan	91.9	0.0331	0.11	0.00356	33.1	0.0337	27.9	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.2	0.00000948	0.000102	0.000123	0.000991	0.0164	0.00000274	1.1	2.75	0.0128	0.000351	14.2	0.0025	0.00734	0.0000558	0.000122	0.0000828	0.0581	0.00000201	0.0000817	0.000177	0.000977	
2042 Feb	91.9	0.0331	0.11	0.00356	33.1	0.0337	27.9	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.3	0.00000948	0.000102	0.000123	0.000991	0.0164	0.00000274	1.1	2.75	0.0128	0.000351	14.2	0.0025	0.00734	0.0000558	0.000122	0.0000828	0.0581	0.00000201	0.0000817	0.000177	0.000977	
2042 Mar	91.9	0.0331	0.11	0.00356	33.1	0.0337	27.9	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.3	0.00000948	0.000102	0.000123	0.000991	0.0164	0.00000274	1.1	2.75	0.0128	0.000351	14.2	0.0025	0.00734	0.0000558	0.000122	0.0000828	0.0581	0.00000201	0.0000817	0.000177	0.000977	
2042 Apr	92	0.0331	0.11	0.00356	33.1	0.0337	27.9	0.000972	0.000972	0.0000049	0.00336	0.000389	0.0189	0.00846	0.00000502	10.3	0.00000948	0.000102	0.000123	0.000992	0.0164	0.00000274	1.1	2.76	0.0128	0.000351	14.2	0.0025	0.00734	0.0000558	0.000122	0.0000829	0.0581	0.00000201	0.0000818	0.000177	0.000977	
2042 May	92.1	0.0332	0.11	0.00356	33.2	0.0338	27.9	0.000973	0.000973	0.0000049	0.00337	0.00039	0.019	0.00848	0.00000503	10.3	0.0000095	0.000102	0.000123	0.000993	0.0164	0.00000275	1.1	2.76	0.0128	0.000351	14.2	0.0025	0.00736	0.0000583	0.000122	0.0000833	0.0583	0.00000201	0.0000819	0.000178	0.000979	
2042 Jun	91.9	0.0332	0.11	0.00357	32.9	0.0337	28	0.000972	0.000972	0.0000049	0.00338	0.000392	0.019	0.00848	0.00000502	10.3	0.00000957	0.000104	0.000123	0.000993	0.0165	0.00000279	1.1	2.76	0.0129	0.000352	14.1	0.00251	0.00751	0.0000586	0.000123	0.0000831	0.0583	0.00000201	0.0000823	0.00018	0.000983	
2042 Jul	90.5	0.0327	0.108	0.00353	32.3	0.0336	27.6	0.000972	0.000972	0.0000049	0.00337	0.000391	0.0188	0.00844	0.00000502	10.2	0.00000953	0.000105	0.000121	0.00099	0.0165	0.00000278	1.09	2.73	0.0127	0.000348	13.9	0.00248	0.00753	0.0000584	0.000122	0.0000824	0.0577	0.000002	0.0000813	0.000179	0.000982	
2042 Aug	88.6	0.0319	0.105	0.00345	31.5	0.0334	27	0.000971	0.000971	0.0000049	0.00335	0.000387	0.0184	0.00839	0.00000501	10.1	0.00000937	0.000104	0.00012	0.000982	0.0164	0.00000273	1.09	2.69	0.0124	0.000341	13.6	0.00243	0.00745	0.0000571	0.000119	0.0000812	0.0568	0.000002	0.0000794	0.000174	0.000975	
2042 Sep	86.6	0.0311	0.102	0.00336	30.7	0.0332	26.2	0.000972	0.000972	0.0000049	0.00334	0.000381	0.0179	0.00837	0.00000501	10	0.00000921	0.0001	0.000119	0.000972	0.0162	0.00000266	1.08	2.65	0.012	0.000332	13.3	0.00235	0.00737	0.0000556	0.000115	0.0000797	0.056	0.000002	0.0000772	0.00017	0.000969	
2042 Oct	85.6	0.0307	0.1	0.00332	30.3	0.033	25.8	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.98	0.00000914	0.0000986	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00734	0.0000553	0.000114	0.0000779	0.0556	0.000002	0.0000761	0.000167	0.000965	
2042 Nov	85.7	0.0307	0.1	0.00332	30.4	0.0331	25.9	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.99	0.00000914	0.0000987	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00735	0.0000553	0.000114	0.0000779	0.0556	0.000002	0.0000762	0.000167	0.000965	
2042 Dec	85.8	0.0307	0.1	0.00332	30.4	0.0331	25.9	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.99	0.00000915	0.0000987	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00735	0.0000553	0.000114	0.0000779	0.0556	0.000002	0.0000762	0.000167	0.000965	
2043 Jan	85.8	0.0307	0.1	0.00332	30.4	0.0331	25.9	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.99	0.00000915	0.0000987	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00735	0.0000553	0.000114	0.0000779	0.0556	0.000002	0.0000762	0.000167	0.000965	
2043 Feb	85.8	0.0307	0.1	0.00332	30.4	0.0331	25.9	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.99	0.00000915	0.0000987	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00735	0.0000553	0.000114	0.0000779	0.0556	0.000002	0.0000762	0.000167	0.000965	
2043 Mar	85.8	0.0307	0.1	0.00332	30.4	0.0331	25.9	0.000972	0.000972	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.99	0.00000915	0.0000987	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00735	0.0000553	0.000114	0.0000779	0.0556	0.000002	0.0000762	0.000167	0.000965	
2043 Apr	85.8	0.0307	0.1	0.00332	30.4	0.0331	25.9	0.000973	0.000973	0.0000049	0.00333	0.000379	0.0177	0.00836	0.00000501	9.99	0.00000915	0.0000987	0.000119	0.000968	0.0161	0.00000262	1.08	2.63	0.0119	0.000328	13.2	0.00232	0.00735	0.0000553	0.000114	0.0000791	0.0556	0.000002	0.0000762	0.000167	0.000966	
2043 May	85.9	0.0308	0.101	0.00333	30.4	0.0331	25.9	0.000974	0.000974	0.0000049	0.00334	0.00038	0.0178	0.00838	0.00000501	10	0.00000917	0.000099	0.000119	0.00097	0.0162	0.00000263	1.08	2.64	0.0119	0.000329	13.2	0.00232	0.00738	0.0000557	0.000114	0.0000792	0.0557	0.000002	0.0000763	0.000168	0.000967	
2043 Jun	85.4	0.0308	0.0996	0.00331	30.2	0.033	25.7	0.000972	0.000972	0.0000049	0.00335	0.000385	0.0177	0.00849	0.00000501	10.1	0.00000921	0.000101	0.000121	0.00096	0.0168	0.00000266	1.08	2.63	0.0123	0.000327	13.1	0.00231	0.0076	0.0000592	0.000114	0.0000791	0.056	0.000002	0.0000761	0.000172	0.00097	
2043 Jul	84.1	0.0302	0.0974	0.00325	29.6	0.0329	25.2	0.000976	0.000976	0.0000049	0.00334	0.000383	0.0173	0.00848	0.00000502	10	0.00000913	0.000101	0.000119	0.000967	0.0166	0.00000262	1.08	2.6	0.012	0.000321	12.9	0.00227	0.00756	0.0000591	0.000112	0.0000783	0.0553	0.00000201	0.0000747	0.00017	0.000969	
2043 Aug	82.8	0.0296	0.0952	0.0032	29.1	0.0328	24.7	0.000979	0.000979	0.0000049	0.00333	0.00038	0.017	0.00847	0.00000503	9.95	0.00000904	0.000101	0.000118	0.000964	0.0165	0.00000258	1.07	2.58	0.0118	0.000315	12.7	0.00223	0.00749	0.0000586	0.00011	0.0000774	0.0547	0.00000201	0.0000732	0.000168	0.000967	
2043 Sep	83.2	0.0297	0.0957	0.0032	29.3	0.0328	24.9	0.000979	0.000979	0.0000049	0.00333	0.000381	0.0171	0.00847	0.00000503	9.99	0.00000905	0.000101	0.000118	0.000965	0.0165	0.00000259	1.07	2.59	0.0118	0.000316	12.8	0.00224	0.00751	0.0000585	0.00011	0.0000776	0.0548	0.00000201	0.0000735	0.000168	0.000968	
2043 Oct	83.5	0.0299	0.096	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0171	0.00848	0.00000503	10	0.00000907	0.000102	0.000118	0.000965	0.0166	0.0000026	1.07	2.61	0.0118	0.000317	12.9	0.00224	0.00756	0.0000585	0.00011	0.0000777	0.0549	0.00000201	0.0000737	0.000168	0.000968	
2043 Nov	83.6	0.03	0.0961	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0172	0.00848	0.00000503	10	0.00000908	0.000102	0.000118	0.000965	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	12.9	0.00224	0.00759	0.0000584	0.00011	0.0000777	0.0549	0.00000201	0.0000738	0.000168	0.000968	
2043 Dec	83.6	0.03	0.0961	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0172	0.00848	0.00000503	10	0.00000908	0.000102	0.000118	0.000965	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	12.9	0.00224	0.00759	0.0000584	0.00011	0.0000777	0.0549	0.00000201	0.0000738	0.000168	0.000968	
2044 Jan	83.6	0.03	0.0961	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0172	0.00848	0.00000503	10	0.00000908	0.000102	0.000118	0.000965	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	12.9	0.00224	0.00759	0.0000584	0.00011	0.0000777	0.0549	0.00000201	0.0000738	0.000168	0.000968	
2044 Feb	83.6	0.03	0.0961	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0172	0.00848	0.00000503	10	0.00000908	0.000102	0.000118	0.000965	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	12.9	0.00224	0.00759	0.0000584	0.00011	0.0000777	0.0549	0.00000201	0.0000738	0.000168	0.000968	
2044 Mar	83.6	0.03	0.0961	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0172	0.00848	0.00000503	10	0.00000908	0.000102	0.000118	0.000966	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	12.9	0.00224	0.00759	0.0000584	0.00011	0.0000777	0.055	0.00000201	0.0000738	0.000168	0.000968	
2044 Apr	83.7	0.03	0.0961	0.00321	29.4	0.0329	25	0.000979	0.000979	0.0000049	0.00334	0.000382	0.0172	0.00849	0.00000503	10	0.00000908	0.000102	0.000118	0.000966	0.0166	0.00000261	1.07	2.61	0.0119	0.000318	12.9	0.00224	0.0076	0.0000584	0.00011	0.0000777	0.055	0.00000201	0.0000738	0.000168	0.000968	
2044 May	83.7	0.03	0.0962	0.00321	29.4	0.0329	25.1	0.00098	0.00098	0.0000049	0.00334	0.000383	0.0172	0.00849	0.00000504	10.1	0.00000909	0.000102	0.000118	0.000967	0.0166	0.00000261	1.07	2.62	0.0119	0.000318	12.9	0.00224	0.0076	0.0000585	0.000111	0.0000778	0.055	0.00000201	0.0000739	0.000168	0.000969	
2044 Jun	83.6	0.0299	0.0957	0.00319	29.2	0.0328	25.1	0.000976	0.000976	0.0000049	0.00336	0.000386	0.0172	0.00851	0.00000502	10.1	0.00000916

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.0000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364	
2047 Jun	88.9	0.0316	0.0995	0.00325	30.1	0.0334	27.6	0.000979	0.000979	0.00000494	0.00351	0.00042	0.0183	0.00882	0.0000504	10.8	0.0000098	0.000112	0.000123	0.000979	0.018	0.0000003	1.09	2.89	0.0131	0.000337	13.4	0.00235	0.00907	0.0000644	0.000121	0.0000805	0.0575	0.00000201	0.0000786	0.000188	0.00101	
2047 Jul	89.3	0.0317	0.0998	0.00326	30.2	0.0335	27.8	0.000982	0.000982	0.00000495	0.00352	0.000422	0.0184	0.00885	0.00000506	10.8	0.00000985	0.000113	0.000124	0.000982	0.0181	0.00000302	1.09	2.9	0.0132	0.000338	13.5	0.00236	0.00913	0.0000646	0.000121	0.0000808	0.0577	0.00000202	0.000079	0.000189	0.00102	
2047 Aug	89.7	0.0318	0.1	0.00327	30.3	0.0337	27.9	0.000985	0.000985	0.00000496	0.00353	0.000423	0.0185	0.00887	0.00000507	10.9	0.00000988	0.000113	0.000124	0.000986	0.0181	0.00000303	1.1	2.92	0.0132	0.00034	13.5	0.00237	0.00916	0.0000648	0.000122	0.0000811	0.0579	0.00000203	0.0000793	0.000189	0.00102	
2047 Sep	90	0.032	0.101	0.00328	30.4	0.0337	28.1	0.000984	0.000984	0.00000496	0.00354	0.000424	0.0185	0.00888	0.00000507	10.9	0.0000099	0.000114	0.000124	0.000986	0.0181	0.00000305	1.1	2.94	0.0132	0.000342	13.6	0.00238	0.0092	0.0000647	0.000122	0.0000813	0.058	0.00000203	0.0000796	0.00019	0.00102	
2047 Oct	90.3	0.0321	0.101	0.00328	30.4	0.0337	28.2	0.000983	0.000983	0.00000496	0.00354	0.000425	0.0186	0.00888	0.00000507	10.9	0.00000991	0.000114	0.000124	0.000987	0.0181	0.00000306	1.1	2.96	0.0133	0.000343	13.6	0.00239	0.00924	0.0000646	0.000122	0.0000814	0.0581	0.00000202	0.0000799	0.00019	0.00102	
2047 Nov	90.5	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000983	0.000983	0.00000496	0.00354	0.000426	0.0186	0.00888	0.00000507	10.9	0.00000992	0.000115	0.000124	0.000987	0.0181	0.00000306	1.1	2.96	0.0133	0.000343	13.7	0.00239	0.00925	0.0000646	0.000122	0.0000815	0.0581	0.00000202	0.00008	0.00019	0.00102	
2047 Dec	90.5	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000983	0.000983	0.00000496	0.00354	0.000426	0.0186	0.00888	0.00000507	10.9	0.00000992	0.000115	0.000124	0.000987	0.0182	0.00000306	1.1	2.96	0.0133	0.000343	13.7	0.00239	0.00925	0.0000646	0.000122	0.0000815	0.0581	0.00000202	0.00008	0.00019	0.00102	
2048 Jan	90.5	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000983	0.000983	0.00000496	0.00354	0.000426	0.0186	0.00888	0.00000507	10.9	0.00000992	0.000115	0.000124	0.000987	0.0182	0.00000306	1.1	2.96	0.0133	0.000343	13.7	0.00239	0.00925	0.0000646	0.000122	0.0000815	0.0581	0.00000202	0.00008	0.00019	0.00102	
2048 Feb	90.5	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000983	0.000983	0.00000496	0.00354	0.000426	0.0186	0.00888	0.00000507	10.9	0.00000992	0.000115	0.000124	0.000987	0.0182	0.00000306	1.1	2.96	0.0133	0.000343	13.7	0.00239	0.00925	0.0000646	0.000122	0.0000815	0.0581	0.00000202	0.00008	0.00019	0.00102	
2048 Mar	90.5	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000983	0.000983	0.00000496	0.00354	0.000426	0.0186	0.00888	0.00000507	10.9	0.00000992	0.000115	0.000124	0.000987	0.0182	0.00000306	1.1	2.96	0.0133	0.000343	13.7	0.00239	0.00925	0.0000646	0.000122	0.0000815	0.0581	0.00000202	0.00008	0.00019	0.00102	
2048 Apr	90.5	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000984	0.000984	0.00000496	0.00354	0.000426	0.0186	0.00888	0.00000507	10.9	0.00000992	0.000115	0.000124	0.000987	0.0182	0.00000306	1.1	2.96	0.0133	0.000344	13.7	0.00239	0.00925	0.0000646	0.000122	0.0000815	0.0581	0.00000202	0.00008	0.00019	0.00102	
2048 May	90.6	0.0322	0.101	0.00328	30.5	0.0338	28.3	0.000985	0.000985	0.00000496	0.00355	0.000426	0.0187	0.00889	0.00000507	11	0.00000993	0.000115	0.000124	0.000988	0.0182	0.00000307	1.1	2.97	0.0133	0.000344	13.7	0.00239	0.00926	0.0000647	0.000122	0.0000816	0.0582	0.00000203	0.0000801	0.00019	0.00102	
2048 Jun	90.3	0.0321	0.1	0.00327	30.3	0.0337	28.3	0.000982	0.000982	0.00000495	0.00356	0.000428	0.0186	0.00888	0.00000506	10.9	0.00000999	0.000115	0.000124	0.000985	0.0183	0.0000031	1.1	2.96	0.0133	0.000343	13.6	0.00239	0.00942	0.0000647	0.000123	0.0000813	0.0581	0.00000202	0.00008	0.000192	0.00102	
2048 Jul	90.2	0.032	0.1	0.00326	30.2	0.0336	28.4	0.000981	0.000981	0.00000495	0.00357	0.000431	0.0186	0.00889	0.00000505	10.9	0.00001	0.000115	0.000124	0.000984	0.0183	0.00000314	1.1	2.96	0.0133	0.000343	13.5	0.00239	0.00957	0.0000648	0.000124	0.0000813	0.0581	0.00000202	0.0000801	0.000193	0.00103	
2048 Aug	90.6	0.0321	0.1	0.00327	30.3	0.0337	28.6	0.000982	0.000982	0.00000495	0.00358	0.000432	0.0187	0.0089	0.00000506	11	0.00000101	0.000116	0.000124	0.000986	0.0184	0.00000315	1.1	2.98	0.0134	0.000345	13.6	0.0024	0.00962	0.0000649	0.000124	0.0000816	0.0583	0.00000202	0.0000805	0.000193	0.00103	
2048 Sep	91	0.0322	0.101	0.00327	30.3	0.0338	28.7	0.000982	0.000982	0.00000495	0.00359	0.000434	0.0188	0.00891	0.00000506	11	0.00000101	0.000116	0.000124	0.000987	0.0184	0.00000317	1.1	3	0.0134	0.000346	13.6	0.00241	0.00965	0.0000648	0.000125	0.0000818	0.0584	0.00000202	0.0000808	0.000194	0.00103	
2048 Oct	91.2	0.0323	0.101	0.00327	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00891	0.00000506	11.1	0.00000101	0.000117	0.000124	0.000987	0.0184	0.00000318	1.1	3.01	0.0134	0.000348	13.6	0.00241	0.00968	0.0000648	0.000125	0.0000818	0.0585	0.00000202	0.0000808	0.000194	0.00103	
2048 Nov	91.3	0.0324	0.101	0.00327	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000988	0.0184	0.00000318	1.1	3.02	0.0134	0.000348	13.6	0.00241	0.0097	0.0000648	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	
2048 Dec	91.3	0.0324	0.101	0.00327	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000988	0.0184	0.00000318	1.1	3.02	0.0134	0.000348	13.6	0.00241	0.0097	0.0000648	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	
2049 Jan	91.3	0.0324	0.101	0.00327	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000988	0.0184	0.00000318	1.1	3.02	0.0134	0.000348	13.6	0.00241	0.0097	0.0000648	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	
2049 Feb	91.3	0.0324	0.101	0.00327	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000988	0.0184	0.00000318	1.1	3.02	0.0134	0.000348	13.6	0.00241	0.0097	0.0000648	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	
2049 Mar	91.3	0.0324	0.101	0.00327	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000988	0.0184	0.00000318	1.1	3.02	0.0134	0.000348	13.6	0.00241	0.0097	0.0000648	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	
2049 Apr	91.4	0.0324	0.101	0.00328	30.4	0.0338	28.9	0.000982	0.000982	0.00000495	0.00359	0.000435	0.0189	0.00892	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000988	0.0184	0.00000318	1.1	3.02	0.0134	0.000348	13.7	0.00241	0.0097	0.0000648	0.000125	0.0000819	0.0585	0.00000202	0.0000811	0.000194	0.00103	
2049 May	91.4	0.0324	0.101	0.00328	30.4	0.0339	28.9	0.000983	0.000983	0.00000496	0.0036	0.000436	0.0189	0.00893	0.00000506	11.1	0.00000101	0.000117	0.000125	0.000989	0.0185	0.00000319	1.1	3.02	0.0135	0.000348	13.7	0.00242	0.00971	0.0000649	0.000125	0.0000802	0.0586	0.00000202	0.0000812	0.000194	0.00103	
2049 Jun	91.1	0.0323	0.1	0.00326	30.2	0.0337	28.9	0.00098	0.00098	0.00000494	0.00361	0.000438	0.0189	0.00892	0.00000505	11.1	0.00000102	0.000117	0.000124	0.000985	0.0186	0.00000322	1.1	3.02	0.0135	0.000347	13.6	0.00241	0.00989	0.0000651	0.000126	0.0000818	0.0585	0.00000202	0.0000811	0.000196	0.00104	
2049 Jul	91.2	0.0322	0.1	0.00326	30.1	0.0337	29.1	0.000979	0.000979	0.00000494	0.00362	0.00044	0.0189	0.00893	0.00000505	11.1	0.00000102	0.000118	0.000124	0.000985	0.0186	0.00000325	1.1	3.03	0.0135	0.000348	13.5	0.00242	0.00999	0.0000652	0.000126	0.0000818	0.0585	0.00000202	0.0000813	0.000197	0.00104	
2049 Aug	91.7	0.0324	0.101	0.00327	30.2	0.0339	29.2	0.000983	0.000983	0.00000495	0.00363	0.000442	0.019	0.00896	0.00000506	11.2	0.00000103	0.000118	0.000125	0.000989	0.0187	0.00000327	1.1	3.04	0.0136	0.00035	13.6	0.00243	0.01	0.0000654	0.000127	0.0000822	0.0588	0.00000202	0.0000817	0.000198	0.00104	
2049 Sep	92	0.0325	0.101	0.00327	30.3	0.0339	29.4	0.000982	0.000982	0.00000495	0.00364	0.000443	0.0191	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.000989	0.0187	0.00000328	1.1	3.06	0.0136	0.000351	13.6	0.00243	0.0101	0.0000653	0.000127	0.0000823	0.0589	0.00000202	0.000082	0.000198	0.00104	
2049 Oct	92.2	0.0326	0.101	0.00328	30.3	0.0339	29.5	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0191	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.00099	0.0187	0.00000329	1.1	3.08	0.0136	0.000352	13.6	0.00244	0.0101	0.0000652	0.000127	0.0000824	0.059	0.00000202	0.0000823	0.000198	0.00104	
2049 Nov	92.4	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.00099	0.0187	0.00000329	1.1	3.09	0.0136	0.000353	13.7	0.00244	0.0101	0.0000652	0.000128	0.0000825	0.059	0.00000202	0.0000824	0.000198	0.00104	
2049 Dec	92.4	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.00099	0.0187	0.00000333	1.1	3.09	0.0136	0.000353	13.7	0.00244	0.0101	0.0000652	0.000128	0.0000825	0.059	0.00000202	0.0000824	0.000198	0.00104	
2050 Jan	92.4	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.00099	0.0187	0.00000333	1.1	3.09	0.0136	0.000353	13.7	0.00244	0.0101	0.0000652	0.000128	0.0000825	0.059	0.00000202	0.0000824	0.000198	0.00104	
2050 Feb	92.4	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.00099	0.0187	0.00000333	1.1	3.09	0.0136	0.000353	13.7	0.00244	0.0101	0.0000652	0.000128	0.0000825	0.059	0.00000202	0.0000824	0.000198	0.00104	
2050 Mar	92.4	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.00099	0.0187	0.00000333	1.1	3.09	0.0136	0.000353	13.7	0.00244	0.0101	0.0000652	0.000128	0.0000825	0.059	0.00000202	0.0000824	0.000198	0.00104	
2050 Apr	92.4	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000982	0.000982	0.00000495	0.00364	0.000444	0.0192	0.00897	0.00000506	11.2	0.00000103	0.000119	0.000125	0.000991	0.0187	0.00000333	1.1	3.09	0.0136	0.000353	13.7	0.00244	0.0101	0.0000652	0.000128	0.0000825	0.059	0.00000202	0.0000824	0.000198	0.00104	
2050 May	92.5	0.0327	0.101	0.00328	30.4	0.034	29.6	0.000983	0.000983	0.00000496	0.00365	0.000445	0.0192	0.00898	0.00000507	11.3	0.00000103	0.00012	0.000125	0.000991	0.0188	0.00000333	1.1	3.09	0.0137	0.000354	13.7	0.00245	0.0101	0.0000653	0.000128	0.0000826	0.0591	0.00000202	0.0000825	0.000199	0.00104	
2050 Jun	92.2	0.0326	0.101	0.00327	30.2	0.0339	29.6	0.000981	0.000981	0.00000495	0.00356	0.000448	0.0192	0.009	0.00000506	11.3	0.00000104	0.00012	0.000126	0.000987	0.0188	0.00000333	1.1	3.09	0.0138	0.000353	13.6	0.00244	0.0103	0.0000662	0.000128	0.0000825	0.0591	0.00000202	0.0000824	0.000201	0.00105	
2050 Jul	92.2	0.0326	0.101	0.00326	30.1	0.0339	29.7	0.00098	0.00098	0.00000494	0.00367	0.000449	0.0192	0.009	0.00000505	11.3	0.00000104	0.00012	0.000125	0.000988	0.019	0.00000336	1.1	3.09	0.0138	0.000353	13.5	0.00244	0.0104	0.0000662	0.000129	0.0000825	0.0591	0.00000202	0.0000826	0.000201	0.00105	
2050 Aug	92.6	0.0327	0.101	0.00327	30.2	0.034	29.8	0.000981	0.000981	0.00000495	0.00368	0.000451	0.0193	0.00902	0.00000506	11.3	0.00000104	0.000121	0.000126	0.000991	0.019	0.00000337	1.1	3.11	0.0138	0.000354	13.6	0.00245	0.0104	0.0000663	0.000129	0.0000827	0.0593	0.00000202	0.0000829	0.000202	0.00105	
2050 Sep	92.8	0.0328	0.101	0.00328	30.3	0.034	29.9	0.000982	0.000982	0.00000495	0.00368	0.000452	0.0193	0.00903	0.00000506	11.3	0.00000105	0.000121	0.000126	0.000992	0.019	0.00000338	1.11	3.12	0.0138	0.000356	13.6	0.00246	0.0105	0.0000663	0.00013	0.0000829	0.0594	0.00000202	0.0000831	0.000202	0.00105	
2050 Oct	93	0.0328	0.101	0.00328	30.3	0.034	30	0.000982	0.000982	0.00000495	0.00368	0.000452	0.0194	0.00904	0.00000506	11.4	0.00000105	0.000121	0.000126	0.000992	0.019	0.00000339	1.11	3.13	0.0139	0.000356	13.6	0.00246	0.0105	0.0000664	0.00013	0.0000830	0.0595	0.00000202	0.0000833	0.000202	0.00105	
2050 Nov	93	0.0328	0.101	0.00328	30.3	0.0341	30.1	0.000982	0.000982	0.00000495	0.00368	0.000453	0.0194	0.00904	0.00000507	11.4	0.00000105	0.000121	0.000126	0.000993	0.0191	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00246	0.0105	0.0000664	0.00013	0.0000831	0.0595	0.00000202	0.0000834	0.000203	0.00105	
2050 Dec	93.1	0.0328	0.101	0.00328	30.3	0.0341	30.1	0.000982	0.000982	0.00000495	0.00368	0.000453	0.0194	0.00904	0.00000507	11.4	0.00000105	0.000121	0.000126	0.000993	0.0191	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00246	0.0105	0.0000664	0.00013	0.0000832	0.0595	0.00000202	0.0000834	0.000203	0.00105	
2051 Jan	93.1	0.0328	0.101	0.00328	30.3	0.0341	30.1	0.000982	0.000982	0.00000495	0.00368	0.000453	0.0194	0.00904	0.00000507	11.4	0.00000105	0.000121	0.000126	0.000993	0.0191	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00246	0.0105	0.0000664	0.00013	0.0000833	0.0595	0.00000202	0.0000834	0.000203	0.00105	
2051 Feb	93.1	0.0328	0.101	0.00328	30.3	0.0341	30.1	0.000982	0.000982	0.00000495	0.00368	0.000453	0.0194	0.00904	0.00000507	11.4	0.00000105	0.000121	0.000126	0.000993	0.0191	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00246	0.0105	0.0000664	0.00013	0.0000833	0.0595	0.00000202	0.0000834	0.000203	0.00105	
2051 Mar	93.1	0.0328	0.101	0.00328	30.3	0.0341	30.1	0.000982	0.000982	0.00000495	0.00368	0.000453	0.0194	0.00904	0.00000507	11.4	0.00000105	0.000122	0.000126	0.000993	0.0191	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00246	0.0105	0.0000664	0.00013	0.0000833	0.0595	0.00000202	0.0000834	0.000203	0.00105	
2051 Apr	93.1	0.0328	0.101	0.00328	30.3	0.0341	30.1	0.000983	0.000983	0.00000496	0.00368	0.000453	0.0194	0.00904	0.00000507	11.4	0.00000105	0.000122	0.000126	0.000993	0.0191	0.00000339	1.11	3.13	0.0139	0.000357	13.7	0.00247	0.0105	0.0000664	0.00013	0.0000831	0.0595	0.00000202	0.0000834	0.000203	0.00105	
2051 May	93.3	0.0329	0.102	0.00328	30.4	0.0341	30.2	0.000983	0.000983	0.00000496	0.00369	0.000454	0.0194	0.00906	0.00000507	11.4	0.00000105	0.000122	0.000126	0.000995	0.0191	0.0000034	1.11	3.15	0.0139	0.000358	13.7	0.00247	0.0105	0.0000667	0.00013	0.0000832	0.0596	0.00000203	0.0000836	0.000203	0.00106	
2051 Jun	93.8	0.0329	0.101	0.00326	30.2	0.034	30.6	0.000979	0.000979	0.00000494	0.00371	0.000461	0.0196	0.00913	0.00000505	11.5	0.00000106	0.000124	0.000128	0.000993	0.0194	0.00000346	1.11	3.19	0.0143	0.000359	13.6	0.00248	0.0108	0.0000692	0.000132	0.0000835	0.06	0.00000202	0.0000841	0.000208	0.00106	
2051 Jul	94	0.0329	0.101	0.00326	30.2	0.0341	30.7	0.00098	0.00098	0.00000494	0.00372	0.000462	0.0196	0.00914	0.00000505	11.6	0.00000107	0.000124	0.000128	0.000994	0.0195	0.00000348	1.11	3.21	0.0143	0.00036	13.6	0.00249	0.0108	0.0000693	0.000133	0.0000837	0.0601	0.00000202	0.0000844	0.000209	0.00106	
2051 Aug	94.2	0.033	0.101	0.00327	30.2	0.0341	30.9	0.000981	0.000981	0.00000495	0.00372	0.000464	0.0197	0.00916	0.00000506	11.6	0.00000107	0.000125	0.000128	0.000996	0.0195	0.0000035	1.11	3.22	0.0144	0.000361	13.6	0.0025	0.0109	0.0000693	0.000133	0.0000839	0.0603	0.00000202	0.0000847	0.000209	0.00107	
2051 Sep	94.4	0.0331	0.101	0.00327	30.3	0.0342	31	0.00098	0.00098	0.00000494	0.00373	0.000465	0.0197	0.00916	0.00000506	11.6	0.00000107	0.000125	0.000128	0.000996	0.0195	0.00000351	1.11	3.23	0.0144	0.000363	13.6	0.0025	0.0109	0.0000692	0.000133	0.0000841	0.0604	0.00000202	0.0000849	0.000209	0.00107	
2051 Oct	94.4	0.0333	0.101	0.00326	30.2	0.0342	31.1	0.000977	0.000977	0.00000493	0.00373	0.000467	0.0198	0.00916	0.00000504	11.7	0.00000107	0.000125	0.000128	0.000995	0.0196	0.00000353	1.11	3.24	0.0144	0.000364	13.6	0.0025	0.011	0.0000689	0.000133	0.0000839	0.0604	0.00000201	0.0000851	0.000209	0.00106	
2051 Nov	94.5	0.0333	0.101	0.00326	30.2	0.0342	31.2	0.000977	0.000977	0.00000493	0.00373	0.000467	0.0198	0.00916	0.00000504	11.7	0.00000107	0.000126	0.000128	0.000996	0.0196	0.00000353	1.11	3.25	0.0144	0.000365	13.6	0.0025	0.011	0.0000689	0.000133	0.0000841	0.0604	0.00000201	0.0000852	0.000209	0.00106	
2051 Dec	94.6	0.0333	0.101	0.00326	30.2	0.0342	31.2	0.000977	0.000977	0.00000493	0.00373	0.000

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364
2054 Dec	99	0.0348	0.103	0.00329	30.5	0.0349	33.7	0.000982	0.000982	0.00000496	0.00386	0.000506	0.0209	0.00971	0.00000508	12.5	0.0000113	0.000137	0.000137	0.00102	0.0213	0.00000385	1.14	3.54	0.0162	0.000384	13.8	0.00263	0.0122	0.0000807	0.000142	0.0000877	0.0639	0.00000203	0.0000901	0.0000231	0.0011
2055 Jan	99	0.0348	0.103	0.00329	30.5	0.0349	33.7	0.000982	0.000982	0.00000496	0.00386	0.000506	0.0209	0.00971	0.00000508	12.5	0.0000113	0.000137	0.000137	0.00102	0.0213	0.00000385	1.14	3.54	0.0162	0.000384	13.8	0.00263	0.0122	0.0000807	0.000142	0.0000877	0.0639	0.00000203	0.0000901	0.0000231	0.0011
2055 Feb	99	0.0348	0.103	0.00329	30.5	0.0349	33.7	0.000982	0.000982	0.00000496	0.00386	0.000506	0.0209	0.00971	0.00000508	12.5	0.0000113	0.000137	0.000137	0.00102	0.0213	0.00000385	1.14	3.54	0.0162	0.000384	13.8	0.00263	0.0122	0.0000807	0.000142	0.0000877	0.0639	0.00000203	0.0000901	0.0000231	0.0011
2055 Mar	99	0.0348	0.103	0.00329	30.5	0.0349	33.7	0.000982	0.000982	0.00000496	0.00386	0.000506	0.0209	0.00971	0.00000508	12.5	0.0000113	0.000137	0.000137	0.00102	0.0213	0.00000385	1.14	3.54	0.0162	0.000384	13.8	0.00263	0.0122	0.0000807	0.000142	0.0000877	0.0639	0.00000203	0.0000901	0.0000231	0.0011
2055 Apr	99.1	0.0348	0.103	0.00329	30.5	0.0349	33.7	0.000983	0.000983	0.00000496	0.00386	0.000506	0.0209	0.00971	0.00000508	12.5	0.0000113	0.000137	0.000137	0.00102	0.0213	0.00000385	1.14	3.54	0.0162	0.000385	13.8	0.00263	0.0122	0.0000807	0.000142	0.0000877	0.0639	0.00000203	0.0000901	0.0000231	0.0011
2055 May	99.1	0.0348	0.103	0.0033	30.5	0.0349	33.7	0.000983	0.000983	0.00000496	0.00387	0.000506	0.021	0.00972	0.00000508	12.6	0.0000113	0.000137	0.000137	0.00102	0.0213	0.00000385	1.14	3.55	0.0163	0.000385	13.8	0.00263	0.0122	0.0000808	0.000142	0.0000878	0.064	0.00000203	0.0000902	0.0000232	0.0011
2055 Jun	99	0.0346	0.102	0.00328	30.3	0.0348	33.8	0.000981	0.000981	0.00000495	0.00388	0.000508	0.021	0.0097	0.00000507	12.6	0.0000114	0.000137	0.000137	0.00102	0.0214	0.00000389	1.14	3.55	0.0163	0.000384	13.7	0.00263	0.0124	0.0000807	0.000143	0.0000876	0.0639	0.00000202	0.0000902	0.0000233	0.0011
2055 Jul	99	0.0346	0.102	0.00328	30.2	0.0348	33.9	0.000981	0.000981	0.00000495	0.00389	0.00051	0.021	0.00971	0.00000507	12.6	0.0000114	0.000138	0.000137	0.00102	0.0214	0.00000391	1.14	3.56	0.0163	0.000385	13.7	0.00263	0.0125	0.0000808	0.000143	0.0000877	0.0639	0.00000203	0.0000903	0.0000234	0.00111
2055 Aug	99.3	0.0347	0.102	0.00329	30.3	0.0349	34	0.000983	0.000983	0.00000496	0.0039	0.000512	0.0211	0.00973	0.00000508	12.6	0.0000114	0.000138	0.000137	0.00102	0.0215	0.00000393	1.14	3.57	0.0163	0.000386	13.7	0.00264	0.0125	0.0000809	0.000144	0.0000879	0.0641	0.00000203	0.0000907	0.0000235	0.00111
2055 Sep	99.5	0.0348	0.102	0.00329	30.3	0.035	34.1	0.000983	0.000983	0.00000496	0.00391	0.000513	0.0211	0.00974	0.00000508	12.6	0.0000114	0.000138	0.000137	0.00102	0.0215	0.00000394	1.14	3.58	0.0164	0.000387	13.7	0.00264	0.0126	0.0000809	0.000144	0.0000881	0.0642	0.00000203	0.0000909	0.0000235	0.00111
2055 Oct	99.6	0.0348	0.102	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000513	0.0211	0.00974	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000394	1.14	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000881	0.0643	0.00000203	0.000091	0.0000235	0.00111
2055 Nov	99.7	0.0348	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000513	0.0212	0.00975	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000395	1.14	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.0000235	0.00111
2055 Dec	99.7	0.0348	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000395	1.14	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.0000235	0.00111
2056 Jan	99.7	0.0348	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000395	1.14	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.0000235	0.00111
2056 Feb	99.7	0.0348	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000395	1.14	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.0000235	0.00111
2056 Mar	99.7	0.0348	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000508	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000395	1.14	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.0000235	0.00111
2056 Apr	99.7	0.0348	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000496	0.00391	0.000514	0.0212	0.00975	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102	0.0215	0.00000395	1.15	3.59	0.0164	0.000388	13.7	0.00265	0.0126	0.0000809	0.000144	0.0000882	0.0643	0.00000203	0.0000911	0.0000235	0.00111
2056 May	99.8	0.0349	0.103	0.00329	30.4	0.035	34.2	0.000984	0.000984	0.00000497	0.00392	0.000516	0.0212	0.00979	0.00000509	12.7	0.0000115	0.000139	0.000138	0.00102	0.0217	0.00000396	1.15	3.6	0.0165	0.000389	13.7	0.00265	0.0127	0.000082	0.000145	0.0000883	0.0645	0.00000203	0.0000912	0.0000237	0.00111
2056 Jun	99.6	0.035	0.102	0.00328	30.2	0.0349	34.1	0.000981	0.000981	0.00000495	0.00392	0.000521	0.0211	0.0099	0.00000507	12.8	0.0000115	0.00014	0.00014	0.00102	0.022	0.00000399	1.15	3.6	0.0169	0.000388	13.6	0.00265	0.0128	0.0000855	0.000145	0.0000884	0.0649	0.00000203	0.0000911	0.0000241	0.00111
2056 Jul	99.9	0.0351	0.102	0.00328	30.3	0.035	34.3	0.000984	0.000984	0.00000496	0.00393	0.000523	0.0212	0.00993	0.00000509	12.8	0.0000116	0.000141	0.000141	0.00102	0.0221	0.000004	1.15	3.61	0.017	0.000389	13.7	0.00266	0.0129	0.0000857	0.000146	0.0000887	0.0651	0.00000203	0.0000915	0.0000242	0.00112
2056 Aug	100	0.0352	0.103	0.00329	30.4	0.0351	34.4	0.000985	0.000985	0.00000497	0.00394	0.000524	0.0213	0.00995	0.00000509	12.9	0.0000116	0.000141	0.000141	0.00103	0.0222	0.00000402	1.15	3.63	0.017	0.000391	13.7	0.00267	0.013	0.0000858	0.000146	0.0000889	0.0653	0.00000203	0.0000918	0.0000242	0.00112
2056 Sep	100	0.0353	0.103	0.0033	30.4	0.0351	34.6	0.000987	0.000987	0.00000498	0.00395	0.000526	0.0213	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000403	1.16	3.64	0.017	0.000392	13.7	0.00268	0.013	0.0000859	0.000146	0.0000891	0.0654	0.00000204	0.0000921	0.0000243	0.00112
2056 Oct	101	0.0353	0.103	0.0033	30.4	0.0352	34.7	0.000986	0.000986	0.00000497	0.00395	0.000526	0.0214	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.66	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000892	0.0655	0.00000204	0.0000923	0.0000243	0.00112
2056 Nov	101	0.0354	0.103	0.0033	30.4	0.0352	34.7	0.000986	0.000986	0.00000497	0.00395	0.000527	0.0214	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.66	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000893	0.0655	0.00000204	0.0000924	0.0000243	0.00112
2056 Dec	101	0.0354	0.103	0.0033	30.4	0.0352	34.7	0.000986	0.000986	0.00000497	0.00395	0.000527	0.0214	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.66	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000893	0.0655	0.00000204	0.0000924	0.0000243	0.00112
2057 Jan	101	0.0354	0.103	0.0033	30.4	0.0352	34.7	0.000986	0.000986	0.00000497	0.00395	0.000527	0.0214	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.66	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000893	0.0655	0.00000204	0.0000924	0.0000243	0.00112
2057 Feb	101	0.0354	0.103	0.0033	30.4	0.0352	34.8	0.000986	0.000986	0.00000497	0.00395	0.000527	0.0214	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.66	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000893	0.0655	0.00000204	0.0000924	0.0000243	0.00112
2057 Mar	101	0.0354	0.103	0.0033	30.4	0.0352	34.8	0.000986	0.000986	0.00000497	0.00395	0.000527	0.0214	0.00996	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.66	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000893	0.0655	0.00000204	0.0000924	0.0000243	0.00112
2057 Apr	101	0.0354	0.103	0.0033	30.4	0.0352	34.8	0.000986	0.000986	0.00000498	0.00395	0.000527	0.0214	0.00997	0.0000051	12.9	0.0000116	0.000142	0.000141	0.00103	0.0222	0.00000404	1.16	3.67	0.0171	0.000393	13.7	0.00268	0.013	0.0000858	0.000147	0.0000893	0.0655	0.00000204	0.0000924	0.0000243	0.00112
2057 May	101	0.0354	0.103	0.0033	30.5	0.0352	34.8	0.000987	0.000987	0.00000498	0.00396	0.000528	0.0215	0.00999	0.0000051	12.9	0.0000116	0.000143	0.000141	0.00103	0.0223	0.00000405	1.16	3.67	0.0171	0.000394	13.7	0.00269	0.013	0.0000862	0.000147	0.0000894	0.0656	0.00000204	0.0000925	0.0000244	0.00112
2057 Jun	100	0.0354	0.102	0.00328	30.3	0.0351	34.7	0.000984	0.000984	0.00000497	0.00397	0.000531	0.0214	0.01	0.00000509	13	0.0000117	0.000143	0.000142	0.00103	0.0225	0.00000408	1.16	3.66	0.0173	0.000392	13.6	0.00268	0.0132	0.0000882	0.000147	0.0000893	0.0658	0.00000203	0.0000923	0.0000247	0.00113
2057 Jul	101	0.0354	0.102	0.00329	30.3	0.0351	34.8	0.000985	0.000985	0.00000497	0.00398	0.000533	0.0214	0.0101	0.00000509	13	0.0000117	0.000144	0.000143	0.00103	0.0226	0.00000411	1.16	3.67	0.0174	0.000394	13.6	0.00269	0.0133	0.0000883	0.000148	0.0000895	0.0659	0.00000203	0.0000926	0.0000248	0.00113
2057 Aug	101	0.0356	0.103	0.0033	30.4	0.0353	35	0.000989	0.000989	0.00000499	0.00399	0.000536	0.0216	0.0101	0.00000511	13.1	0.0000118	0.000144	0.000143	0.00103	0.0227	0.00000412	1.16	3.7	0.0175	0.000396	13.7	0.0027	0.0134	0.0000887	0.000149	0.0000899	0.0662	0.00000204	0.0000931	0.0000249	0.00113
2057 Sep	102	0.0356	0.103	0.00331	30.5	0.0354	35.2	0.00099	0.00099	0.000005	0.004	0.000537	0.0217	0.0101	0.00000512	13.1	0.0000118	0.000145	0.000143	0.00104	0.0227	0.00000413	1.17	3.72	0.0175	0.000397	13.7	0.00271	0.0134	0.0000887	0.000149	0.0000902	0.0664	0.00000205	0.0000935	0.0000249	0.00113
2057 Oct	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.004	0.000538	0.0217	0.0101	0.00000512	13.2	0.0000118	0.000145	0.000144	0.00104	0.0227	0.00000414	1.17	3.74	0.0175	0.000399	13.7	0.00272	0.0134	0.0000887	0.00015	0.0000903	0.0665	0.00000205	0.0000938	0.00025	0.00114
2057 Nov	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.004	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000118	0.000146	0.000144	0.00104	0.0227	0.00000415	1.17	3.74	0.0175	0.000399	13.8	0.00272	0.0134	0.0000887	0.00015	0.0000904	0.0665	0.00000205	0.0000938	0.00025	0.00114
2057 Dec	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000118	0.000146	0.000144	0.00104	0.0227	0.00000415	1.17	3.74	0.0175	0.000399	13.8	0.00272	0.0134	0.0000887	0.00015	0.0000904	0.0665	0.00000205	0.0000938	0.00025	0.00114
2058 Jan	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000118	0.000146	0.000144	0.00104	0.0227	0.00000415	1.17	3.74	0.0175	0.000399	13.8	0.00272	0.0134	0.0000887	0.00015	0.0000904	0.0665	0.00000205	0.0000938	0.00025	0.00114
2058 Feb	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000118	0.000146	0.000144	0.00104	0.0227	0.00000415	1.17	3.74	0.0175	0.000399	13.8	0.00272	0.0134	0.0000887	0.00015	0.0000904	0.0665	0.00000205	0.0000938	0.00025	0.00114
2058 Mar	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000118	0.000146	0.000144	0.00104	0.0227	0.00000415	1.17	3.74	0.0175	0.000399	13.8	0.00272	0.0134	0.0000887	0.00015	0.0000904	0.0665	0.00000205	0.0000939	0.00025	0.00114
2058 Apr	102	0.0357	0.103	0.00331	30.5	0.0354	35.4	0.00099	0.00099	0.000005	0.00401	0.000538	0.0218	0.0101	0.00000512	13.2	0.0000118	0.000146	0.000144	0.00104	0.0227	0.00000415	1.17	3.74	0.0175	0.000399	13.8	0.00272	0.0134	0.0000887	0.00015	0.0000904	0.0665	0.00000205	0.0000939	0.00025	0.00114
2058 May	102	0.0358	0.103	0.00331	30.5	0.0355	35.7	0.000991	0.000991	0.000005	0.00401	0.000541	0.0219	0.0102	0.00000512	13.3	0.0000119	0.000147	0.000145	0.00104	0.0229	0.00000417	1.17	3.78	0.0177	0.000401	13.8	0.00273	0.0135	0.0000901	0.000151	0.0000908	0.0669	0.00000205	0.0000943	0.00025	0.00114
2058 Jun	103	0.0359	0.102	0.00329	30.3	0.0354	36.1	0.000985	0.000985	0.00000497	0.00402	0.00055	0.022	0.0103	0.0000051	13.5	0.000012	0.000149	0.000147	0.00104	0.0233	0.00000422	1.17	3.84	0.0183	0.000403	13.7	0.00274	0.0137	0.0000948	0.000152	0.0000913	0.0676	0.00000204	0.0000949	0.000259	0.00114
2058 Jul	103	0.036	0.103	0.00329	30.3	0.0354	36.3	0.000987	0.000987	0.00000498	0.00403	0.000552	0.0221	0.0103	0.00000511	13.5	0.000012	0.00015	0.000148	0.00104	0.0234	0.00000424	1.17	3.85	0.0184	0.000404	13.7	0.00275	0.0138	0.000095	0.000153	0.0000915	0.0677	0.00000204	0.0000952	0.000259	0.00114
2058 Aug	104	0.0361	0.103	0.0033	30.4	0.0356	36.5	0.000989	0.000989	0.00000499	0.00404	0.000554	0.0222	0.0104	0.00000512	13.5	0.0000121	0.00015	0.000148	0.00104	0.0235	0.00000425	1.18	3.87	0.0185	0.000406	13.7	0.00276	0.0138	0.0000952	0.000153	0.0000919	0.068	0.00000204	0.0000956	0.00026	0.00115
2058 Sep	104	0.0362	0.103	0.0033	30.5	0.0356	36.6	0.000989	0.000989	0.00000499	0.00405	0.000555	0.0222	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000427	1.18	3.89	0.0185	0.000407	13.7	0.00277	0.0139	0.0000952	0.000154	0.000092	0.0681	0.00000204	0.0000959	0.00026	0.00115
2058 Oct	104	0.0362	0.103	0.0033	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000555	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000427	1.18	3.9	0.0185	0.000408	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000921	0.0682	0.00000204	0.0000961	0.0000261	0.00115
2058 Nov	104	0.0362	0.103	0.00331	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000428	1.18	3.91	0.0185	0.000408	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000922	0.0682	0.00000204	0.0000962	0.0000261	0.00115
2058 Dec	104	0.0362	0.103	0.00331	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000428	1.18	3.91	0.0185	0.000408	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000922	0.0682	0.00000204	0.0000962	0.0000261	0.00115
2059 Jan	104	0.0362	0.103	0.00331	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000428	1.18	3.91	0.0185	0.000408	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000922	0.0682	0.00000204	0.0000962	0.0000261	0.00115
2059 Feb	104	0.0362	0.103	0.00331	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000428	1.18	3.91	0.0185	0.000408	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000922	0.0682	0.00000204	0.0000962	0.0000261	0.00115
2059 Mar	104	0.0362	0.103	0.00331	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000428	1.18	3.91	0.0185	0.000408	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000922	0.0682	0.00000204	0.0000962	0.0000261	0.00115
2059 Apr	104	0.0362	0.103	0.00331	30.5	0.0357	36.8	0.000989	0.000989	0.00000499	0.00405	0.000556	0.0223	0.0104	0.00000512	13.6	0.0000121	0.000151	0.000148	0.00105	0.0235	0.00000428	1.18	3.91	0.0185	0.000409	13.7	0.00278	0.0139	0.0000951	0.000154	0.0000922	0.0682	0.00000204	0.0000962	0.0000261	0.00115
2059 May	104	0.0363	0.103	0.00331	30.5	0.0357	36.9	0.00099	0.00099	0.000005	0.00406	0.000557	0.0224	0.0104	0.00000512	13.7	0.0000121	0.000152	0.000149	0.00105	0.0236	0.00000429	1.18	3.92	0.0186	0.000409	13.7	0.00278	0.0139	0.0000959	0.000154	0.0000923	0.0684	0.00000205	0.0000963	0.0000262	0.00115
2059 Jun	104	0.0364	0.103	0.0033	30.4	0.0357	36.9	0.000989	0.000989	0.00000499	0.00407	0.000562	0.0224	0.0105	0.00000512	13.7	0.0000122	0.000153	0.00015	0.00105	0.0239	0.00000431	1.18	3.93	0.0189	0

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0006693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.0009981	0.611	0.00000243	0.00149	0.00195	0.00364	
2062 Jun	108	0.0379	0.103	0.0033	30.3	0.0363	39.1	0.000993	0.000993	0.00000501	0.00421	0.0006	0.0234	0.011	0.00000515	14.5	0.0000127	0.000163	0.000159	0.00107	0.0255	0.00000463	1.21	4.19	0.0206	0.000429	13.6	0.00289	0.0154	0.000109	0.000162	0.0000958	0.072	0.00000206	0.000101	0.000286	0.00118	
2062 Jul	108	0.0378	0.103	0.0033	30.2	0.0363	39.2	0.000993	0.000993	0.00000501	0.00422	0.000601	0.0234	0.011	0.00000515	14.5	0.0000128	0.000164	0.000159	0.00107	0.0256	0.00000465	1.21	4.19	0.0206	0.000429	13.5	0.00289	0.0155	0.000109	0.000163	0.0000958	0.072	0.00000205	0.000101	0.000286	0.00119	
2062 Aug	108	0.0379	0.103	0.00331	30.3	0.0364	39.3	0.000994	0.000994	0.00000502	0.00422	0.000603	0.0235	0.011	0.00000515	14.6	0.0000128	0.000164	0.000159	0.00107	0.0256	0.00000467	1.21	4.2	0.0206	0.00043	13.6	0.0029	0.0155	0.000109	0.000163	0.0000996	0.0722	0.00000206	0.000101	0.000287	0.00119	
2062 Sep	108	0.038	0.103	0.0033	30.2	0.0364	39.4	0.000993	0.000993	0.00000501	0.00423	0.000604	0.0235	0.011	0.00000515	14.6	0.0000128	0.000164	0.000159	0.00107	0.0256	0.00000468	1.21	4.22	0.0206	0.000432	13.5	0.00291	0.0155	0.000109	0.000163	0.0000961	0.0722	0.00000206	0.000102	0.000287	0.00119	
2062 Oct	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000604	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000469	1.21	4.22	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2062 Nov	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000470	1.21	4.23	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2062 Dec	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000471	1.21	4.23	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2063 Jan	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000471	1.21	4.23	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2063 Feb	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000471	1.21	4.23	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2063 Mar	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000471	1.21	4.23	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2063 Apr	108	0.0381	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000605	0.0235	0.011	0.00000513	14.6	0.0000128	0.000164	0.000158	0.00107	0.0256	0.00000471	1.21	4.23	0.0206	0.000433	13.4	0.00291	0.0156	0.000108	0.000163	0.0000959	0.0721	0.00000205	0.000102	0.000286	0.00118	
2063 May	108	0.0382	0.102	0.00329	30	0.0364	39.6	0.000989	0.000989	0.00000499	0.00423	0.000607	0.0235	0.0111	0.00000513	14.7	0.0000128	0.000165	0.000159	0.00107	0.0257	0.00000471	1.21	4.23	0.0207	0.000434	13.4	0.00291	0.0157	0.000109	0.000163	0.0000996	0.0723	0.00000205	0.000102	0.000287	0.00119	
2063 Jun	107	0.0381	0.101	0.00325	29.7	0.0361	39.4	0.000983	0.000983	0.00000496	0.00424	0.000612	0.0233	0.0112	0.0000051	14.7	0.0000128	0.000166	0.000161	0.00107	0.0262	0.00000474	1.21	4.22	0.0211	0.000431	13.2	0.00289	0.0159	0.000113	0.000164	0.0000958	0.0726	0.00000203	0.000101	0.000293	0.00119	
2063 Jul	107	0.0381	0.101	0.00325	29.6	0.0361	39.6	0.000983	0.000983	0.00000496	0.00424	0.000614	0.0234	0.0112	0.0000051	14.7	0.0000129	0.000166	0.000161	0.00107	0.0262	0.00000476	1.21	4.22	0.0211	0.000431	13.2	0.0029	0.016	0.000113	0.000164	0.0000959	0.0726	0.00000204	0.000102	0.000293	0.00119	
2063 Aug	108	0.0382	0.101	0.00326	29.7	0.0362	39.7	0.000986	0.000986	0.00000498	0.00426	0.000616	0.0235	0.0112	0.00000511	14.8	0.0000129	0.000167	0.000161	0.00107	0.0263	0.00000478	1.21	4.24	0.0212	0.000433	13.3	0.00291	0.0161	0.000113	0.000165	0.0000962	0.0729	0.00000204	0.000102	0.000294	0.00119	
2063 Sep	108	0.0383	0.101	0.00326	29.8	0.0363	39.9	0.000987	0.000987	0.00000498	0.00426	0.000617	0.0236	0.0112	0.00000512	14.8	0.0000129	0.000167	0.000162	0.00107	0.0263	0.00000479	1.22	4.26	0.0213	0.000435	13.3	0.00292	0.0161	0.000113	0.000165	0.0000965	0.073	0.00000204	0.000102	0.000294	0.00119	
2063 Oct	108	0.0383	0.101	0.00326	29.7	0.0363	40	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0236	0.0112	0.00000511	14.8	0.0000129	0.000167	0.000162	0.00107	0.0263	0.00000478	1.22	4.27	0.0213	0.000436	13.3	0.00292	0.0161	0.000113	0.000165	0.0000965	0.0731	0.00000204	0.000103	0.000294	0.00119	
2063 Nov	108	0.0384	0.101	0.00326	29.7	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0236	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107	0.0263	0.00000478	1.22	4.28	0.0213	0.000436	13.3	0.00292	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000294	0.00119	
2063 Dec	108	0.0384	0.101	0.00326	29.7	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0236	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107	0.0263	0.00000478	1.22	4.28	0.0213	0.000436	13.3	0.00292	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000294	0.00119	
2064 Jan	108	0.0384	0.101	0.00326	29.7	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0236	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107	0.0263	0.00000478	1.22	4.28	0.0213	0.000436	13.3	0.00292	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000294	0.00119	
2064 Feb	108	0.0384	0.101	0.00326	29.7	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0236	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107	0.0263	0.00000478	1.22	4.28	0.0213	0.000436	13.3	0.00292	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000294	0.00119	
2064 Mar	108	0.0384	0.101	0.00326	29.7	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0237	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107	0.0263	0.00000478	1.22	4.28	0.0213	0.000436	13.3	0.00292	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000295	0.00119	
2064 Apr	108	0.0384	0.101	0.00326	29.8	0.0363	40.1	0.000986	0.000986	0.00000498	0.00426	0.000618	0.0237	0.0112	0.00000511	14.8	0.000013	0.000168	0.000162	0.00107	0.0263	0.00000478	1.22	4.28	0.0213	0.000436	13.3	0.00293	0.0161	0.000113	0.000165	0.0000966	0.0731	0.00000204	0.000103	0.000295	0.00119	
2064 May	108	0.0384	0.101	0.00326	29.7	0.0364	40.2	0.000986	0.000986	0.00000498	0.00427	0.000621	0.0237	0.0113	0.00000511	14.9	0.000013	0.000169	0.000163	0.00107	0.0265	0.00000481	1.22	4.3	0.0215	0.000437	13.3	0.00293	0.0162	0.000115	0.000166	0.0000968	0.0734	0.00000204	0.000103	0.000297	0.00119	
2064 Jun	108	0.0384	0.1	0.00324	29.5	0.0362	40.3	0.000982	0.000982	0.00000496	0.00427	0.000627	0.0237	0.0114	0.00000509	15	0.000013	0.00017	0.000165	0.00107	0.0269	0.00000485	1.22	4.32	0.0219	0.000437	13.1	0.00293	0.0164	0.000119	0.000167	0.000097	0.0738	0.00000203	0.000103	0.000302	0.0012	
2064 Jul	109	0.0385	0.101	0.00325	29.6	0.0363	40.5	0.000984	0.000984	0.00000497	0.00429	0.000629	0.0238	0.0114	0.0000051	15.1	0.0000131	0.000171	0.000165	0.00107	0.0269	0.00000487	1.22	4.34	0.022	0.000438	13.2	0.00294	0.0164	0.000119	0.000167	0.0000973	0.0741	0.00000204	0.000103	0.000303	0.0012	
2064 Aug	109	0.0386	0.101	0.00325	29.6	0.0364	40.6	0.000985	0.000985	0.00000497	0.00429	0.000631	0.0238	0.0114	0.00000511	15.1	0.0000131	0.000171	0.000165	0.00108	0.027	0.00000488	1.23	4.35	0.022	0.00044	13.2	0.00295	0.0165	0.000119	0.000168	0.0000975	0.0742	0.00000204	0.000104	0.000303	0.0012	
2064 Sep	109	0.0387	0.101	0.00325	29.6	0.0364	40.8	0.000984	0.000984	0.00000497	0.00429	0.000632	0.0239	0.0114	0.00000511	15.1	0.0000131	0.000172	0.000165	0.00108	0.027	0.00000489	1.23	4.38	0.0221	0.000442	13.2	0.00296	0.0165	0.000119	0.000168	0.0000977	0.0743	0.00000204	0.000104	0.000303	0.0012	
2064 Oct	110	0.0387	0.101	0.00325	29.6	0.0365	41	0.000984	0.000984	0.00000497	0.0043	0.000633	0.024	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.4	0.0221	0.000443	13.2	0.00297	0.0165	0.000119	0.000168	0.0000979	0.0744	0.00000204	0.000104	0.000303	0.0012	
2064 Nov	110	0.0387	0.101	0.00325	29.6	0.0365	41.1	0.000985	0.000985	0.00000497	0.0043	0.000633	0.0241	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.4	0.0221	0.000443	13.2	0.00297	0.0165	0.000119	0.000168	0.0000978	0.0745	0.00000204	0.000104	0.000303	0.0012	
2064 Dec	110	0.0387	0.101	0.00325	29.6	0.0365	41.1	0.000985	0.000985	0.00000497	0.0043	0.000633	0.0241	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.4	0.0221	0.000444	13.2	0.00297	0.0165	0.000119	0.000168	0.0000978	0.0745	0.00000204	0.000104	0.000303	0.0012	
2065 Jan	110	0.0387	0.101	0.00325	29.6	0.0365	41.1	0.000985	0.000985	0.00000497	0.0043	0.000633	0.0241	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.4	0.0221	0.000444	13.2	0.00297	0.0165	0.000119	0.000168	0.0000978	0.0745	0.00000204	0.000104	0.000304	0.0012	
2065 Feb	110	0.0387	0.101	0.00325	29.6	0.0365	41.1	0.000985	0.000985	0.00000497	0.0043	0.000633	0.0241	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.4	0.0221	0.000444	13.2	0.00297	0.0165	0.000119	0.000168	0.0000978	0.0745	0.00000204	0.000104	0.000304	0.0012	
2065 Mar	110	0.0387	0.101	0.00325	29.6	0.0365	41.1	0.000985	0.000985	0.00000497	0.0043	0.000633	0.0241	0.0114	0.00000511	15.2	0.0000131	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.4	0.0221	0.000444	13.2	0.00297	0.0166	0.000119	0.000168	0.0000978	0.0745	0.00000204	0.000104	0.000304	0.0012	
2065 Apr	110	0.0387	0.101	0.00325	29.6	0.0365	41.1	0.000985	0.000985	0.00000497	0.0043	0.000634	0.0241	0.0114	0.00000511	15.2	0.0000132	0.000172	0.000166	0.00108	0.027	0.00000491	1.23	4.41	0.0221	0.000444	13.2	0.00297	0.0166	0.000119	0.000169	0.0000978	0.0745	0.00000204	0.000105	0.000304	0.0012	
2065 May	110	0.0388	0.101	0.00325	29.6	0.0366	41.2	0.000985	0.000985	0.00000498	0.00431	0.000636	0.0241	0.0115	0.00000511	15.3	0.0000132	0.000173	0.000167	0.00108	0.0272	0.00000493	1.23	4.43	0.0223	0.000445	13.2	0.00298	0.0166	0.00012	0.000169	0.0000983	0.0748	0.00000204	0.000105	0.000305	0.0012	
2065 Jun	110	0.0388	0.1	0.00324	29.4	0.0364	41.2	0.000982	0.000982	0.00000496	0.00431	0.00064	0.0241	0.0116	0.00000511	15.3	0.0000132	0.000174	0.000168	0.00108	0.0274	0.00000495	1.23	4.43	0.0226	0.000444	13.1	0.00297	0.0168	0.000123	0.000169	0.0000983	0.075	0.00000204	0.000105	0.000309	0.0012	
2065 Jul	110	0.0389	0.1	0.00325	29.5	0.0366	41.4	0.000986	0.000986	0.00000498	0.00433	0.000643	0.0242	0.0116	0.00000512	15.4	0.0000133	0.000175	0.000168	0.00108	0.0275	0.00000498	1.23	4.45	0.0226	0.000446	13.1	0.00298	0.0169	0.000123	0.00017	0.0000987	0.0753	0.00000204	0.000105	0.00031	0.00121	
2065 Aug	111	0.0391	0.101	0.00326	29.6	0.0367	41.7	0.000988	0.000988	0.00000499	0.00434	0.000645	0.0243	0.0116	0.00000513	15.4	0.0000133	0.000175	0.000169	0.00109	0.0276	0.000005	1.24	4.47	0.0227	0.000448	13.2	0.003	0.0169	0.000123	0.000171	0.0000991	0.0756	0.00000205	0.000106	0.000311	0.00121	
2065 Sep	111	0.0392	0.101	0.00326	29.6	0.0367	41.8	0.000987	0.000987	0.00000498	0.00434	0.000646	0.0244	0.0116	0.00000512	15.5	0.0000133	0.000176	0.000169	0.00109	0.0276	0.00000501	1.24	4.49	0.0227	0.000449	13.1	0.003	0.0169	0.000123	0.000171	0.0000991	0.0757	0.00000205	0.000106	0.000311	0.00121	
2065 Oct	111	0.0393	0.1	0.00324	29.5	0.0367	41.9	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000168	0.00109	0.0276	0.00000502	1.24	4.5	0.0227	0.000451	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0756	0.00000204	0.000106	0.00031	0.00121	
2065 Nov	111	0.0393	0.1	0.00324	29.4	0.0367	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000168	0.00109	0.0276	0.00000502	1.24	4.51	0.0227	0.000451	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0756	0.00000204	0.000106	0.00031	0.00121	
2065 Dec	111	0.0393	0.1	0.00324	29.4	0.0367	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000168	0.00109	0.0276	0.00000502	1.24	4.51	0.0227	0.000451	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0756	0.00000204	0.000106	0.00031	0.00121	
2066 Jan	111	0.0393	0.1	0.00324	29.4	0.0367	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000168	0.00109	0.0276	0.00000502	1.24	4.51	0.0227	0.000451	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0756	0.00000204	0.000106	0.00031	0.00121	
2066 Feb	111	0.0393	0.1	0.00324	29.4	0.0367	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000168	0.00109	0.0276	0.00000502	1.24	4.51	0.0227	0.000451	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0756	0.00000204	0.000106	0.00031	0.00121	
2066 Mar	111	0.0393	0.1	0.00324	29.4	0.0368	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000168	0.00109	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0756	0.00000204	0.000106	0.00031	0.00121	
2066 Apr	111	0.0393	0.1	0.00324	29.5	0.0368	42	0.000984	0.000984	0.00000497	0.00435	0.000647	0.0244	0.0116	0.00000511	15.5	0.0000133	0.000176	0.000169	0.00109	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.1	0.00301	0.017	0.000122	0.000171	0.0000991	0.0757	0.00000204	0.000106	0.00031	0.00121	
2066 May	111	0.0394	0.1	0.00325	29.5	0.0368	42	0.000985	0.000985	0.00000497	0.00435	0.000648	0.0245	0.0116	0.00000511	15.5	0.0000134	0.000176	0.000169	0.00109	0.0276	0.00000503	1.24	4.51	0.0227	0.000452	13.1	0.00301	0.017	0.000123	0.000171	0.0000992	0.0757	0.00000204	0.000106	0.000311	0.00121	
2066 Jun	110	0.0392	0.0995	0.00322	29.2	0.0366	41.9	0.000981	0.000981	0.00000495	0.00436	0.00065	0.0243	0.0117	0.00000509	15.5	0.0000134	0.000176	0.000169	0.00108	0.0278	0.00000506	1.23	4.49	0.0229	0.00045	13	0.003	0.0172	0.000124	0.000171	0.0000989	0.0757	0.00000203	0.000106	0.000313	0.00121	
2066 Jul	111	0.0393	0.0998	0.00323	29.3	0.0367	42.1	0.000984	0.000984	0.00000497	0.00438	0.000653	0.0244	0.0117	0.00000511	15.6	0.0000135	0.000177	0.00017	0.00109	0.0279	0.00000509	1.24	4.51	0.023	0.000452	13	0.00301	0.0173	0.000124	0.000172	0.0000993	0.076	0.00000204	0.000106	0.000315	0.00122	
2066 Aug	111	0.0395	0.1	0.00324	29.4	0.0368	42.3	0.000987	0.000987	0.00000498	0.00439	0.000656	0.0246	0.0117	0.00000513	15.6	0.0000135	0.000178	0.00017	0.00109	0.028	0.00000511	1.24	4.54	0.023	0.000454	13	0.00303	0.0174	0.000125	0.000173	0.0000997	0.0763	0.00000205	0.000107	0.000316	0.00122	
2066 Sep	112	0.0395	0.1	0.00325	29.4	0.0369	42.5	0.000987	0.000987	0.00000498	0.0044	0.000657	0.0246	0.0118	0.00000513	15.7	0.0000135	0.000178	0.00017	0.00109	0.028	0.00000512	1.24	4.55	0.0231	0.000455	13	0.00303	0.0174	0.000125	0.000173	0.0000998	0.0764	0.00000205	0.000107	0.000316	0.00122	
2066 Oct	112	0.0396	0.1	0.00324	29.4	0.0369	42.6	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0247	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109	0.028	0.00000513	1.24	4.57	0.0231	0.000457	13	0.00304	0.0174	0.000124	0.000174	0.0000999	0.0764	0.00000204	0.000107	0.000316	0.00122	
2066 Nov	112	0.0396	0.1	0.00324	29.4	0.0369	42.7	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0247	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109	0.028	0.00000513	1.24	4.58	0.0231	0.000457	13	0.00304	0.0174	0.000124	0.000174	0.0000999	0.0765	0.00000204	0.000108	0.000316	0.00122	
2066 Dec	112	0.0396	0.1	0.00324	29.4	0.037	42.7	0.000986	0.000986	0.00000498	0.0044	0.000658	0.0247	0.0117	0.00000512	15.7	0.0000135	0.000179	0.00017	0.00109	0.028	0.00000513	1.24	4.58	0.0231	0.000457	13	0.00304	0.0174	0.000124	0.000174	0.0001	0.0765	0.00000204	0.000108	0.000316	0.00122	
2067 Jan	112	0.0397	0.1	0.00324	29.4	0.037	42.7	0.000986	0.000986	0.00000498	0.0044

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.00042	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364
2069 Dec	114	0.0408	0.0992	0.00323	29	0.0374	44.2	0.000987	0.000987	0.00000499	0.00453	0.000691	0.0254	0.0122	0.00000513	16.3	0.000014	0.000187	0.000177	0.00111	0.0295	0.00000542	1.26	4.76	0.0245	0.000471	12.8	0.00312	0.0187	0.000134	0.00018	0.0000102	0.0791	0.00000205	0.000111	0.0003334	0.00125
2070 Jan	114	0.0408	0.0992	0.00323	29	0.0374	44.2	0.000987	0.000987	0.00000499	0.00453	0.000691	0.0254	0.0122	0.00000513	16.3	0.000014	0.000187	0.000177	0.00111	0.0295	0.00000542	1.26	4.76	0.0245	0.000471	12.8	0.00312	0.0187	0.000134	0.00018	0.0000102	0.0791	0.00000205	0.000111	0.0003334	0.00125
2070 Feb	114	0.0408	0.0992	0.00323	29	0.0374	44.2	0.000987	0.000987	0.00000499	0.00453	0.000691	0.0254	0.0122	0.00000513	16.3	0.000014	0.000187	0.000177	0.00111	0.0295	0.00000542	1.26	4.76	0.0245	0.000471	12.8	0.00312	0.0187	0.000134	0.00018	0.0000102	0.0791	0.00000205	0.000111	0.0003334	0.00125
2070 Mar	114	0.0408	0.0993	0.00323	29	0.0374	44.2	0.000987	0.000987	0.00000499	0.00453	0.000691	0.0254	0.0122	0.00000513	16.3	0.000014	0.000187	0.000177	0.00111	0.0296	0.00000542	1.26	4.76	0.0245	0.000471	12.8	0.00312	0.0187	0.000134	0.00018	0.0000102	0.0791	0.00000205	0.000111	0.0003334	0.00125
2070 Apr	114	0.0408	0.0993	0.00323	29	0.0374	44.2	0.000988	0.000988	0.00000499	0.00453	0.000692	0.0254	0.0122	0.00000513	16.3	0.000014	0.000187	0.000177	0.00111	0.0296	0.00000542	1.27	4.76	0.0245	0.000472	12.8	0.00312	0.0187	0.000134	0.00018	0.0000102	0.0791	0.00000205	0.000111	0.0003334	0.00125
2070 May	114	0.0409	0.0993	0.00323	29	0.0374	44.2	0.000988	0.000988	0.00000499	0.00453	0.000693	0.0254	0.0123	0.00000514	16.4	0.000014	0.000188	0.000178	0.00111	0.0297	0.00000543	1.27	4.76	0.0246	0.000472	12.8	0.00312	0.0187	0.000135	0.00018	0.0000102	0.0793	0.00000205	0.000111	0.0003335	0.00125
2070 Jun	114	0.0409	0.0988	0.00322	28.9	0.0373	44.1	0.000986	0.000986	0.00000498	0.00454	0.000697	0.0253	0.0123	0.00000513	16.4	0.00000141	0.000189	0.00018	0.00111	0.03	0.00000545	1.27	4.76	0.0249	0.000471	12.7	0.00311	0.0189	0.000138	0.00018	0.0000102	0.0796	0.00000205	0.000111	0.0003339	0.00125
2070 Jul	114	0.0411	0.0991	0.00323	29	0.0374	44.3	0.000989	0.000989	0.00000499	0.00455	0.0007	0.0254	0.0124	0.00000514	16.5	0.00000141	0.000189	0.00018	0.00111	0.0301	0.00000547	1.27	4.78	0.025	0.000472	12.7	0.00313	0.019	0.000138	0.000181	0.0000103	0.0798	0.00000205	0.000111	0.00034	0.00126
2070 Aug	114	0.0411	0.0993	0.00324	29	0.0375	44.5	0.000991	0.000991	0.000005	0.00456	0.000702	0.0255	0.0124	0.00000515	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000549	1.27	4.8	0.0251	0.000474	12.8	0.00314	0.019	0.000138	0.000182	0.0000103	0.0801	0.00000206	0.000112	0.0003341	0.00126
2070 Sep	114	0.0412	0.0993	0.00324	29	0.0375	44.6	0.00099	0.00099	0.000005	0.00456	0.000702	0.0256	0.0124	0.00000515	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.8	0.0251	0.000475	12.7	0.00314	0.019	0.000138	0.000182	0.0000103	0.0801	0.00000205	0.000112	0.0003341	0.00126
2070 Oct	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00456	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.8	0.025	0.000475	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2070 Nov	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.81	0.025	0.000476	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2070 Dec	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.81	0.025	0.000476	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2071 Jan	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.81	0.025	0.000476	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2071 Feb	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.81	0.025	0.000476	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2071 Mar	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.81	0.025	0.000476	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2071 Apr	114	0.0413	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000703	0.0256	0.0124	0.00000514	16.5	0.00000141	0.00019	0.00018	0.00111	0.0301	0.00000555	1.27	4.81	0.025	0.000476	12.7	0.00314	0.0191	0.000138	0.000181	0.0000103	0.0801	0.00000205	0.000112	0.00034	0.00126
2071 May	114	0.0414	0.0991	0.00323	28.9	0.0375	44.6	0.000989	0.000989	0.00000499	0.00457	0.000705	0.0256	0.0124	0.00000514	16.6	0.00000142	0.000191	0.000181	0.00111	0.0302	0.00000551	1.28	4.81	0.0252	0.000476	12.7	0.00314	0.0191	0.000139	0.000182	0.0000103	0.0802	0.00000205	0.000112	0.0003342	0.00126
2071 Jun	114	0.0413	0.0983	0.00321	28.7	0.0373	44.4	0.000985	0.000985	0.00000498	0.00457	0.000708	0.0254	0.0125	0.00000512	16.6	0.00000142	0.000191	0.000182	0.00111	0.0305	0.00000553	1.27	4.79	0.0254	0.000474	12.6	0.00313	0.0193	0.000142	0.000182	0.0000103	0.0804	0.00000204	0.000112	0.0003345	0.00126
2071 Jul	114	0.0414	0.0985	0.00322	28.8	0.0374	44.5	0.000987	0.000987	0.00000498	0.00458	0.00071	0.0255	0.0125	0.00000513	16.6	0.00000142	0.000192	0.000182	0.00111	0.0306	0.00000554	1.28	4.8	0.0255	0.000475	12.6	0.00313	0.0193	0.000142	0.000182	0.0000103	0.0805	0.00000205	0.000112	0.0003346	0.00126
2071 Aug	115	0.0415	0.0987	0.00323	28.8	0.0375	44.7	0.000989	0.000989	0.000005	0.00459	0.000712	0.0256	0.0126	0.00000514	16.7	0.00000142	0.000192	0.000183	0.00111	0.0307	0.00000556	1.28	4.82	0.0256	0.000476	12.6	0.00314	0.0194	0.000142	0.000183	0.0000103	0.0808	0.00000205	0.000112	0.0003347	0.00126
2071 Sep	115	0.0416	0.0987	0.00322	28.8	0.0375	44.7	0.000988	0.000988	0.00000499	0.00459	0.000712	0.0256	0.0126	0.00000514	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000557	1.28	4.83	0.0255	0.000477	12.6	0.00315	0.0194	0.000142	0.000183	0.0000103	0.0808	0.00000205	0.000112	0.0003346	0.00126
2071 Oct	115	0.0416	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.00459	0.000712	0.0256	0.0126	0.00000513	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000557	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0194	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000112	0.0003346	0.00126
2071 Nov	115	0.0417	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0256	0.0126	0.00000513	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000113	0.0003346	0.00126
2071 Dec	115	0.0417	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0256	0.0126	0.00000513	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000113	0.0003346	0.00126
2072 Jan	115	0.0417	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0256	0.0126	0.00000513	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000113	0.0003346	0.00126
2072 Feb	115	0.0417	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0256	0.0126	0.00000513	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000113	0.0003346	0.00126
2072 Mar	115	0.0417	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0256	0.0126	0.00000513	16.7	0.00000142	0.000192	0.000183	0.00111	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000113	0.0003346	0.00126
2072 Apr	115	0.0417	0.0986	0.00322	28.8	0.0375	44.8	0.000987	0.000987	0.00000499	0.0046	0.000713	0.0256	0.0126	0.00000513	16.7	0.00000143	0.000192	0.000183	0.00111	0.0306	0.00000558	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000113	0.0003346	0.00126
2072 May	115	0.0417	0.0987	0.00322	28.8	0.0375	44.8	0.000988	0.000988	0.00000499	0.0046	0.000713	0.0257	0.0126	0.00000514	16.7	0.00000143	0.000193	0.000183	0.00111	0.0307	0.00000558	1.28	4.84	0.0255	0.000478	12.6	0.00315	0.0195	0.000141	0.000183	0.0000104	0.0809	0.00000205	0.000113	0.0003346	0.00126
2072 Jun	114	0.0416	0.0983	0.00322	28.7	0.0375	44.7	0.000987	0.000987	0.00000499	0.00461	0.000714	0.0256	0.0126	0.00000513	16.7	0.00000143	0.000192	0.000182	0.00111	0.0307	0.00000556	1.28	4.82	0.0255	0.000477	12.6	0.00314	0.0196	0.000141	0.000183	0.0000103	0.0808	0.00000205	0.000112	0.0003347	0.00127
2072 Jul	115	0.0416	0.0984	0.00322	28.7	0.0375	44.8	0.000989	0.000989	0.00000499	0.00462	0.000716	0.0257	0.0126	0.00000514	16.7	0.00000143	0.000193	0.000183	0.00111	0.0308	0.00000562	1.28	4.83	0.0255	0.000478	12.6	0.00315	0.0197	0.000141	0.000184	0.0000104	0.0809	0.00000205	0.000113	0.0003348	0.00127
2072 Aug	115	0.0417	0.0984	0.00322	28.7	0.0376	44.9	0.000989	0.000989	0.00000499	0.00462	0.000717	0.0257	0.0126	0.00000514	16.7	0.00000143	0.000193	0.000183	0.00111	0.0308	0.00000564	1.28	4.84	0.0255	0.000479	12.5	0.00316	0.0197	0.000141	0.000184	0.0000104	0.081	0.00000205	0.000113	0.0003347	0.00127
2072 Sep	115	0.0417	0.0983	0.00322	28.6	0.0376	44.9	0.000988	0.000988	0.00000499	0.00463	0.000718	0.0257	0.0126	0.00000514	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.00048	12.5	0.00316	0.0197	0.000141	0.000184	0.0000104	0.081	0.00000205	0.000113	0.0003347	0.00127
2072 Oct	115	0.0418	0.098	0.00321	28.6	0.0376	44.9	0.000986	0.000986	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0307	0.00000565	1.28	4.84	0.0255	0.00048	12.5	0.00315	0.0198	0.00014	0.000183	0.0000103	0.0809	0.00000205	0.000113	0.0003346	0.00127
2072 Nov	115	0.0418	0.098	0.00321	28.5	0.0376	45	0.000986	0.000986	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.5	0.00315	0.0198	0.00014	0.000183	0.0000103	0.0809	0.00000205	0.000113	0.0003346	0.00127
2072 Dec	115	0.0418	0.098	0.00321	28.5	0.0376	45	0.000986	0.000986	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.5	0.00315	0.0198	0.00014	0.000183	0.0000103	0.0809	0.00000205	0.000113	0.0003346	0.00127
2073 Jan	115	0.0418	0.098	0.00321	28.5	0.0376	45	0.000986	0.000986	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.5	0.00315	0.0198	0.00014	0.000183	0.0000103	0.0809	0.00000205	0.000113	0.0003346	0.00127
2073 Feb	115	0.0418	0.098	0.00321	28.5	0.0376	45	0.000986	0.000986	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.5	0.00315	0.0198	0.00014	0.000183	0.0000103	0.0809	0.00000205	0.000113	0.0003346	0.00127
2073 Mar	115	0.0418	0.098	0.00321	28.5	0.0376	45	0.000986	0.000986	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.5	0.00316	0.0198	0.00014	0.000183	0.0000103	0.0809	0.00000205	0.000113	0.0003346	0.00127
2073 Apr	115	0.0418	0.0981	0.00321	28.6	0.0376	45	0.000987	0.000987	0.00000498	0.00463	0.000718	0.0257	0.0126	0.00000513	16.7	0.00000143	0.000193	0.000182	0.00111	0.0308	0.00000565	1.28	4.84	0.0255	0.000481	12.5	0.00316	0.0198	0.00014	0.000183	0.0000104	0.0809	0.00000205	0.000113	0.0003347	0.00127
2073 May	115	0.0419	0.0979	0.00321	28.5	0.0376	45.1	0.000987	0.000987	0.00000498	0.00463	0.000721	0.0258	0.0126	0.00000513	16.8	0.00000144	0.000194	0.000183	0.00111	0.0309	0.00000567	1.28	4.86	0.0257	0.000482	12.5	0.00316	0.0199	0.000142	0.000184	0.0000104	0.0812	0.00000205	0.000113	0.0003349	0.00127
2073 Jun	115	0.0419	0.0974	0.00319	28.4	0.0375	45.2	0.000985	0.000985	0.00000497	0.00464	0.000725	0.0258	0.0127	0.00000512	16.9	0.00000144	0.000195	0.000185	0.00111	0.0312	0.00000569	1.28	4.87	0.026	0.000481	12.4	0.00316	0.02	0.000145	0.000184	0.0000104	0.0815	0.00000204	0.000113	0.0003352	0.00127
2073 Jul	115	0.042	0.0976	0.0032	28.4	0.0376	45.3	0.000986	0.000986	0.00000498	0.00465	0.000727	0.0258	0.0127	0.00000513	16.9	0.00000144	0.000196	0.000185	0.00112	0.0313	0.00000571	1.28	4.89	0.0261	0.000483	12.4	0.00317	0.0201	0.000145	0.000185	0.0000104	0.0817	0.00000205	0.000114	0.0003353	0.00127
2073 Aug	115	0.0421	0.0978	0.00321	28.5	0.0377	45.5	0.000988	0.000988	0.00000499	0.00466	0.000729	0.0259	0.0128	0.00000514	17	0.00000145	0.000196	0.000185	0.00112	0.0314	0.00000573	1.29	4.9	0.0261	0.000484	12.4	0.00318	0.0201	0.000145	0.000185	0.0000104	0.0819	0.00000205	0.000114	0.0003354	0.00128
2073 Sep	115	0.0422	0.0979	0.00321	28.5	0.0377	45.6	0.000988	0.000988	0.00000499	0.00466	0.00073	0.026	0.0128	0.00000514	17	0.00000145	0.000196	0.000185	0.00112	0.0314	0.00000574	1.29	4.91	0.0261	0.000485	12.4	0.00318	0.0201	0.000145	0.000186	0.0000105	0.082	0.00000205	0.000114	0.0003354	0.00128
2073 Oct	115	0.0422	0.0977	0.00321	28.4	0.0377	45.6	0.000987	0.000987	0.00000498	0.00466	0.00073	0.026	0.0128	0.00000513	17	0.00000145	0.000196	0.000185	0.00112	0.0313	0.00000574	1.29	4.92	0.0261	0.000486	12.4	0.00318	0.0202	0.000145	0.000186	0.0000104	0.082	0.00000205	0.000114	0.0003353	0.00128
2073 Nov	115	0.0422	0.0977	0.00321	28.4	0.0377	45.6	0.000986	0.000986	0.00000498	0.00466	0.00073	0.026	0.0128	0.00000513	17	0.00000145	0.000196	0.000185	0.00112	0.0313	0.00000574	1.29	4.92	0.0261	0.000486	12.4	0.00319	0.0202	0.000145	0.000186	0.0000104	0.082	0.00000205	0.000114	0.0003353	0.00128
2073 Dec	115	0.0422	0.0977	0.00321	28.4	0.0377	45.6	0.000986	0.000986	0.00000498	0.00466	0.00073	0.026	0.0128	0.00000513	17	0.00000145	0.000196	0.000185	0.00112	0.0313	0.00000574	1.29	4.92	0.0261	0.000486	12.4	0.00319	0.0202	0.000145	0.000186	0.0000104	0.082	0.00000205	0.000114	0.0003353	0.00128
2074 Jan	115	0.0422	0.0977	0.00321	28.4	0.0377	45.7	0.000986	0.000986	0.00000498	0.00466	0.00073	0.026	0.0128	0.00000513	17	0.00000145	0.000197	0.000185	0.00112	0.0313	0.00000574	1.29	4.92	0.0261	0.000486	12.4	0.00319	0.0202	0.000145	0.000186	0.0000104	0.082	0.00000205	0.000114	0.0003353	0.00128
2074 Feb	116	0.0422	0.0977	0.00321	28.4	0.0377	45.7	0.000986	0.000986	0.00000498	0.00466	0.00073	0.026	0.0128	0.00000513	17	0.00000145	0.000197	0.000185	0.00112	0.0313	0.00000574	1.29	4.92	0.0261	0.000486	12.4	0.00319	0.0202	0.000145	0.000186	0.0000104	0.082	0.00000205	0.000114	0.0003353	0.00128
2074 Mar	116	0.0422	0.0977	0.00321	28.4	0.0377	45.7	0.000986	0.000986	0.00000498	0.00466	0.00073	0.026	0.0128	0.00000513	17	0.00000145	0.000197	0.000185	0.00112	0.0313	0.00000574	1.29	4.92	0.0261	0.000486	12.4	0.00319	0.0202	0.000145	0.000186	0.0000105	0.082	0.00000205	0.000114	0.0003353	0.00128
2074 Apr	116	0.0423	0.0977	0.00321	28.4	0.0377	45.7	0.000987	0.000987	0.00000498	0.00467	0.000731	0.026	0.0128	0.00000513	17	0.00000145	0.000197	0.000185	0.00112	0.0314	0.00000575	1.29	4.92	0.0261	0.000487	12.4	0.00319	0.0202	0.000145	0.000186	0.0000105	0.082	0.00000205	0.000114	0.0003354	0.00128
2074 May	116	0.0423	0.0975	0.0032	28.4	0.0378	45.8	0.000987	0.000987	0.00000498	0.00467	0.000734	0.0261	0.0128	0.00000513	17.1	0.00000145	0.000198	0.000187	0.00112	0.0316	0.00000577	1.29	4.95	0.0264	0.000487	12.4	0.00319	0.0203	0.000147	0.000186	0.0000105	0.0824	0.00000205	0.000115	0.0003356	0.00128
2074 Jun	116	0.0423	0.0967	0.00318	28.2	0.0376	45.8	0.000982	0.000982	0.00000496	0.00467	0.000739	0.026	0.0129	0.00000511	17.1	0.00000145	0.000199	0.000188	0.00112	0.0319	0.00000579	1.29	4.95	0.0267	0.000486	12.3	0.00319	0.0204	0.00015	0.000187	0.0000105	0.0827	0.00000204	0.000115	0.00036	0.00128
2074 Jul	116	0.0424	0.097

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.00042	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364	
2077 Jun	118	0.0432	0.0962	0.00318	28	0.038	47.3	0.000986	0.000986	0.00000498	0.00479	0.000768	0.0266	0.0133	0.00000514	17.7	0.000015	0.000206	0.000195	0.00113	0.0332	0.00000604	1.31	5.12	0.028	0.000499	12.1	0.00326	0.0215	0.000158	0.000193	0.000107	0.0851	0.00000205	0.000118	0.000377	0.00131	
2077 Jul	118	0.0433	0.0965	0.00319	28	0.0381	47.4	0.000989	0.000989	0.000005	0.0048	0.00077	0.0267	0.0134	0.00000515	17.8	0.0000151	0.000207	0.000195	0.00114	0.0333	0.00000606	1.31	5.14	0.0281	0.000501	12.1	0.00327	0.0216	0.000159	0.000193	0.000107	0.0853	0.00000205	0.000118	0.000378	0.00131	
2077 Aug	118	0.0435	0.0968	0.0032	28.1	0.0382	47.6	0.000992	0.000992	0.00000501	0.00482	0.000773	0.0268	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000196	0.00114	0.0334	0.00000608	1.32	5.15	0.0282	0.000502	12.1	0.00329	0.0216	0.000159	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2077 Sep	118	0.0435	0.0967	0.00319	28.1	0.0382	47.6	0.00099	0.00099	0.000005	0.00481	0.000772	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.00000609	1.32	5.16	0.0281	0.000503	12.1	0.00329	0.0216	0.000158	0.000194	0.000108	0.0855	0.00000206	0.000119	0.000379	0.00131	
2077 Oct	118	0.0436	0.0966	0.00319	28	0.0382	47.7	0.000989	0.000989	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.00000609	1.32	5.16	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0855	0.00000206	0.000119	0.000378	0.00131	
2077 Nov	118	0.0436	0.0966	0.00319	28	0.0382	47.7	0.000989	0.000989	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.00000609	1.32	5.17	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2077 Dec	118	0.0436	0.0966	0.00319	28	0.0382	47.7	0.000989	0.000989	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.0000061	1.32	5.17	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2078 Jan	118	0.0436	0.0966	0.00319	28	0.0382	47.7	0.000989	0.000989	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.0000061	1.32	5.17	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2078 Feb	118	0.0436	0.0966	0.00319	28	0.0382	47.7	0.000989	0.000989	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.0000061	1.32	5.17	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2078 Mar	118	0.0436	0.0966	0.00319	28	0.0382	47.7	0.000989	0.000989	0.000005	0.00482	0.000773	0.0269	0.0134	0.00000515	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.0000061	1.32	5.17	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2078 Apr	118	0.0436	0.0966	0.00319	28.1	0.0383	47.7	0.00099	0.00099	0.000005	0.00482	0.000774	0.0269	0.0134	0.00000516	17.8	0.0000151	0.000208	0.000195	0.00114	0.0334	0.0000061	1.32	5.17	0.0281	0.000504	12.1	0.00329	0.0217	0.000158	0.000194	0.000108	0.0856	0.00000206	0.000119	0.000379	0.00131	
2078 May	118	0.0437	0.0964	0.00319	28	0.0382	47.8	0.000989	0.000989	0.000005	0.00483	0.000778	0.0269	0.0135	0.00000515	17.9	0.0000151	0.000209	0.000197	0.00114	0.0337	0.00000612	1.32	5.18	0.0284	0.000504	12.1	0.00329	0.0218	0.000161	0.000194	0.000108	0.086	0.00000206	0.000119	0.000382	0.00131	
2078 Jun	118	0.0437	0.0958	0.00317	27.8	0.038	47.7	0.000986	0.000986	0.00000498	0.00482	0.00078	0.0268	0.0135	0.00000513	17.9	0.0000151	0.00021	0.000198	0.00114	0.0339	0.00000612	1.32	5.17	0.0287	0.000503	12	0.00328	0.0219	0.000164	0.000194	0.000108	0.0862	0.00000205	0.000119	0.000385	0.00131	
2078 Jul	119	0.0438	0.0961	0.00318	27.9	0.0382	47.9	0.000989	0.000989	0.000005	0.00484	0.000783	0.0269	0.0136	0.00000515	18	0.0000152	0.00021	0.000199	0.00114	0.034	0.00000615	1.32	5.19	0.0288	0.000505	12	0.0033	0.022	0.000164	0.000195	0.000108	0.0864	0.00000206	0.000119	0.000386	0.00132	
2078 Aug	119	0.0439	0.0963	0.00319	28	0.0383	48	0.000991	0.000991	0.000005	0.00485	0.000785	0.027	0.0136	0.00000516	18	0.0000152	0.000211	0.000199	0.00114	0.0341	0.00000617	1.33	5.21	0.0288	0.000506	12	0.00331	0.022	0.000164	0.000196	0.000109	0.0866	0.00000206	0.000119	0.000387	0.00132	
2078 Sep	119	0.044	0.0964	0.00319	28	0.0383	48.2	0.000991	0.000991	0.000005	0.00485	0.000786	0.0271	0.0136	0.00000516	18.1	0.0000152	0.000211	0.000199	0.00115	0.0341	0.00000618	1.33	5.23	0.0289	0.000508	12.1	0.00331	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2078 Oct	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.00099	0.00099	0.000005	0.00485	0.000787	0.0271	0.0136	0.00000516	18.1	0.0000153	0.000211	0.000199	0.00115	0.0341	0.00000618	1.33	5.24	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2078 Nov	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.00099	0.00099	0.000005	0.00485	0.000787	0.0271	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115	0.0341	0.00000619	1.33	5.24	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2078 Dec	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.00099	0.00099	0.000005	0.00485	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115	0.0341	0.00000619	1.33	5.24	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2079 Jan	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.00099	0.00099	0.000005	0.00485	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115	0.0341	0.00000619	1.33	5.25	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2079 Feb	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.00099	0.00099	0.000005	0.00485	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115	0.0341	0.00000619	1.33	5.25	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2079 Mar	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.00099	0.00099	0.000005	0.00485	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115	0.0341	0.00000619	1.33	5.25	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0868	0.00000206	0.00012	0.000387	0.00132	
2079 Apr	119	0.044	0.0964	0.00319	28	0.0384	48.3	0.000991	0.000991	0.00000501	0.00486	0.000787	0.0272	0.0136	0.00000516	18.1	0.0000153	0.000212	0.000199	0.00115	0.0341	0.00000619	1.33	5.25	0.0289	0.000509	12	0.00332	0.0221	0.000164	0.000196	0.000109	0.0869	0.00000206	0.00012	0.000387	0.00132	
2079 May	119	0.0441	0.0965	0.00319	28	0.0384	48.4	0.000992	0.000992	0.00000501	0.00486	0.000788	0.0272	0.0136	0.00000517	18.1	0.0000153	0.000212	0.0002	0.00115	0.0341	0.00000619	1.33	5.25	0.0289	0.00051	12.1	0.00332	0.0221	0.000164	0.000197	0.000109	0.087	0.00000206	0.00012	0.000388	0.00132	
2079 Jun	119	0.0439	0.0957	0.00317	27.8	0.0382	48.1	0.000988	0.000988	0.00000499	0.00486	0.000789	0.027	0.0136	0.00000515	18.1	0.0000153	0.000212	0.0002	0.00114	0.0342	0.00000621	1.33	5.22	0.029	0.000507	11.9	0.00331	0.0222	0.000165	0.000196	0.000109	0.0868	0.00000205	0.00012	0.000389	0.00132	
2079 Jul	119	0.0439	0.0957	0.00317	27.8	0.0382	48.2	0.000988	0.000988	0.00000499	0.00487	0.00079	0.0271	0.0136	0.00000515	18.1	0.0000153	0.000212	0.0002	0.00114	0.0343	0.00000622	1.33	5.23	0.029	0.000507	11.9	0.00331	0.0223	0.000165	0.000197	0.000109	0.0868	0.00000205	0.00012	0.000389	0.00133	
2079 Aug	119	0.044	0.096	0.00318	27.8	0.0383	48.4	0.000991	0.000991	0.00000501	0.00488	0.000792	0.0272	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000624	1.33	5.25	0.0291	0.000509	12	0.00332	0.0223	0.000165	0.000198	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2079 Sep	119	0.0441	0.096	0.00318	27.8	0.0384	48.4	0.00099	0.00099	0.000005	0.00488	0.000792	0.0272	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000625	1.33	5.25	0.029	0.00051	11.9	0.00333	0.0224	0.000165	0.000198	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2079 Oct	119	0.0441	0.0959	0.00318	27.8	0.0384	48.5	0.000989	0.000989	0.000005	0.00488	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000625	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2079 Nov	119	0.0441	0.0958	0.00318	27.8	0.0384	48.5	0.000989	0.000989	0.000005	0.00488	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000626	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2079 Dec	119	0.0442	0.0957	0.00318	27.7	0.0384	48.5	0.000989	0.000989	0.00000499	0.00489	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000626	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2080 Jan	119	0.0442	0.0957	0.00318	27.7	0.0384	48.5	0.000989	0.000989	0.00000499	0.00489	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000626	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2080 Feb	119	0.0442	0.0957	0.00318	27.7	0.0384	48.5	0.000989	0.000989	0.000005	0.00489	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000626	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2080 Mar	119	0.0442	0.0957	0.00318	27.7	0.0384	48.5	0.000989	0.000989	0.000005	0.00489	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000626	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2080 Apr	119	0.0442	0.0957	0.00318	27.7	0.0384	48.5	0.000989	0.000989	0.000005	0.00489	0.000793	0.0272	0.0137	0.00000515	18.2	0.0000154	0.000213	0.0002	0.00115	0.0343	0.00000626	1.33	5.26	0.029	0.000511	11.9	0.00333	0.0224	0.000165	0.000197	0.000109	0.0871	0.00000206	0.00012	0.00039	0.00133	
2080 May	119	0.0442	0.0958	0.00318	27.8	0.0384	48.6	0.00099	0.00099	0.000005	0.00489	0.000794	0.0272	0.0137	0.00000516	18.2	0.0000154	0.000213	0.0002	0.00115	0.0344	0.00000627	1.33	5.27	0.029	0.000512	11.9	0.00333	0.0224	0.000165	0.000198	0.000109	0.0872	0.00000206	0.00012	0.00039	0.00133	
2080 Jun	119	0.0441	0.0954	0.00317	27.6	0.0383	48.4	0.000988	0.000988	0.00000499	0.00489	0.000794	0.0272	0.0137	0.00000515	18.1	0.0000154	0.000213	0.000199	0.00114	0.0344	0.00000628	1.33	5.24	0.029	0.00051	11.9	0.00332	0.0225	0.000164	0.000198	0.000109	0.087	0.00000205	0.00012	0.00039	0.00133	
2080 Jul	119	0.044	0.0954	0.00317	27.6	0.0383	48.4	0.000989	0.000989	0.000005	0.0049	0.000795	0.0272	0.0137	0.00000515	18.1	0.0000154	0.000213	0.000199	0.00114	0.0344	0.00000629	1.33	5.24	0.029	0.00051	11.8	0.00332	0.0226	0.000164	0.000198	0.000109	0.087	0.00000206	0.00012	0.000391	0.00133	
2080 Aug	119	0.0441	0.0956	0.00318	27.6	0.0384	48.6	0.00099	0.00099	0.000005	0.00491	0.000796	0.0272	0.0137	0.00000516	18.2	0.0000154	0.000213	0.000199	0.00115	0.0344	0.00000631	1.33	5.26	0.029	0.000512	11.9	0.00333	0.0226	0.000164	0.000198	0.000109	0.0871	0.00000206	0.00012	0.000391	0.00133	
2080 Sep	119	0.0442	0.0956	0.00318	27.6	0.0384	48.6	0.00099	0.00099	0.000005	0.00491	0.000797	0.0273	0.0137	0.00000516	18.2	0.0000154	0.000213	0.000199	0.00115	0.0344	0.00000632	1.33	5.26	0.029	0.000512	11.8	0.00333	0.0226	0.000164	0.000198	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2080 Oct	119	0.0442	0.0955	0.00317	27.6	0.0384	48.7	0.000989	0.000989	0.000005	0.00492	0.000797	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000632	1.33	5.27	0.029	0.000513	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2080 Nov	119	0.0442	0.0954	0.00317	27.6	0.0385	48.7	0.000989	0.000989	0.000005	0.00492	0.000797	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000633	1.33	5.27	0.029	0.000514	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2080 Dec	119	0.0442	0.0954	0.00317	27.6	0.0385	48.7	0.000989	0.000989	0.000005	0.00492	0.000798	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000633	1.33	5.27	0.029	0.000514	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2081 Jan	119	0.0443	0.0954	0.00317	27.6	0.0385	48.7	0.000989	0.000989	0.000005	0.00492	0.000798	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2081 Feb	119	0.0443	0.0954	0.00317	27.6	0.0385	48.7	0.000989	0.000989	0.000005	0.00492	0.000798	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2081 Mar	119	0.0443	0.0954	0.00317	27.6	0.0385	48.7	0.000989	0.000989	0.000005	0.00492	0.000798	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2081 Apr	119	0.0443	0.0955	0.00317	27.6	0.0385	48.7	0.000989	0.000989	0.000005	0.00492	0.000798	0.0273	0.0137	0.00000515	18.2	0.0000155	0.000214	0.000199	0.00115	0.0344	0.00000633	1.33	5.28	0.029	0.000514	11.8	0.00334	0.0227	0.000164	0.000199	0.000109	0.0872	0.00000206	0.00012	0.000391	0.00133	
2081 May	119	0.0443	0.0953	0.00317	27.6	0.0384	48.7	0.000989	0.000989	0.000005	0.00493	0.000801	0.0273	0.0137	0.00000516	18.3	0.0000155	0.000214	0.0002	0.00115	0.0346	0.00000634	1.33	5.28	0.0292	0.000513	11.8	0.00334	0.0228	0.000166	0.000199	0.000109	0.0875	0.00000206	0.00012	0.000393	0.00134	
2081 Jun	119	0.0444	0.095	0.00316	27.5	0.0383	48.6	0.000988	0.000988	0.00000499	0.00492	0.000803	0.0272	0.0138	0.00000515	18.3	0.0000155	0.000215	0.000201	0.00115	0.0348	0.00000635	1.33	5.27	0.0294	0.000512	11.8	0.00333	0.0229	0.000168	0.000199	0.000109	0.0876	0.00000205	0.00012	0.000395	0.00134	
2081 Jul	119	0.0445	0.0953	0.00317	27.6	0.0385	48.8	0.000991	0.000991	0.00000501	0.00494	0.000806	0.0273	0.0138	0.00000516	18.3	0.0000155	0.000215	0.000202	0.00115	0.035	0.00000637	1.34	5.29	0.0295	0.000514	11.8	0.00334	0.0229	0.000168	0.0002	0.00011	0.0879	0.00000206	0.00012	0.000397	0.00134	
2081 Aug	120	0.0447	0.0957	0.00318	27.7	0.0386	49	0.000994	0.000994	0.00000502	0.00496	0.000809	0.0274	0.0139	0.00000518	18.4	0.0000156	0.000216	0.000203	0.00115	0.0351	0.0000064	1.34	5.31	0.0296	0.000516	11.8	0.00336	0.023	0.000169	0.0002	0.00011	0.0883	0.00000207	0.00012	0.000398	0.00134	
2081 Sep	120	0.0447	0.0957	0.00319	27.7	0.0387	49.1	0.000994	0.000994	0.00000502	0.00496	0.00081	0.0275	0.0139	0.00000518	18.4	0.0000156	0.000217	0.000203	0.00115	0.0351	0.00000641	1.34	5.32	0.0296	0.000517	11.8	0.00336	0.023	0.000169	0.000201	0.00011	0.0883	0.00000207	0.00012	0.000398	0.00134	
2081 Oct	120	0.0448	0.0958	0.00319	27.7	0.0387	49.2	0.000994	0.000994	0.00000502	0.00496	0.00081	0.0275	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00116	0.0351	0.00000641	1.34	5.33	0.0296	0.000518	11.8	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.00012	0.000398	0.00135	
2081 Nov	120	0.0448	0.0957	0.00318	27.7	0.0387	49.2	0.000993	0.000993	0.00000502	0.00496	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00115	0.0351	0.00000641	1.34	5.33	0.0296	0.000518	11.8	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.00012	0.000398	0.00134	
2081 Dec	120	0.0448	0.0957	0.00318	27.7	0.0387	49.2	0.000993	0.000993	0.00000502	0.00496	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0.000217	0.000203	0.00115	0.0351	0.00000641	1.34	5.33	0.0296	0.000518	11.8	0.00337	0.0231	0.000168	0.000201	0.00011	0.0884	0.00000207	0.00012	0.000398	0.00134	
2082 Jan	120	0.0448	0.0957	0.00318	27.7	0.0387	49.2	0.000993	0.000993	0.00000502	0.00496	0.00081	0.0276	0.0139	0.00000518	18.5	0.0000156	0

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.00000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.000429	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364	
2084 Dec	121	0.0455	0.094	0.00315	27.1	0.0388	50.2	0.000989	0.000989	0.000005	0.00505	0.000835	0.0279	0.0142	0.00000516	18.9	0.0000159	0.000223	0.000207	0.00116	0.0362	0.00000664	1.35	5.45	0.0306	0.000528	11.5	0.00341	0.0241	0.000175	0.000205	0.0000111	0.0901	0.00000206	0.000124	0.0004411	0.00136	
2085 Jan	121	0.0455	0.094	0.00315	27.1	0.0388	50.2	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.0000159	0.000223	0.000207	0.00116	0.0362	0.00000664	1.35	5.45	0.0306	0.000528	11.5	0.00341	0.0241	0.000175	0.000205	0.0000111	0.0901	0.00000206	0.000124	0.0004411	0.00136	
2085 Feb	121	0.0455	0.094	0.00315	27.1	0.0388	50.2	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.0000159	0.000223	0.000207	0.00116	0.0362	0.00000664	1.35	5.45	0.0306	0.000528	11.5	0.00341	0.0241	0.000175	0.000205	0.0000111	0.0901	0.00000206	0.000124	0.0004411	0.00136	
2085 Mar	121	0.0455	0.094	0.00315	27.1	0.0388	50.2	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.0000159	0.000223	0.000207	0.00116	0.0362	0.00000664	1.35	5.45	0.0306	0.000528	11.5	0.00341	0.0241	0.000175	0.000205	0.0000111	0.0901	0.00000206	0.000124	0.0004411	0.00136	
2085 Apr	121	0.0455	0.094	0.00315	27.1	0.0388	50.3	0.000989	0.000989	0.000005	0.00505	0.000835	0.028	0.0142	0.00000516	18.9	0.000016	0.000223	0.000207	0.00116	0.0362	0.00000664	1.35	5.45	0.0306	0.000528	11.5	0.00341	0.0241	0.000175	0.000205	0.0000111	0.0901	0.00000206	0.000124	0.0004411	0.00136	
2085 May	121	0.0456	0.094	0.00315	27.1	0.0388	50.3	0.000989	0.000989	0.000005	0.00506	0.000838	0.028	0.0143	0.00000516	18.9	0.000016	0.000223	0.000208	0.00116	0.0364	0.00000665	1.35	5.46	0.0308	0.000528	11.5	0.00341	0.0241	0.000177	0.000205	0.0000112	0.0903	0.00000206	0.000125	0.0004413	0.00136	
2085 Jun	121	0.0456	0.0937	0.00314	27	0.0387	50.2	0.000988	0.000988	0.00000499	0.00506	0.00084	0.0279	0.0143	0.00000515	19	0.000016	0.000224	0.000209	0.00116	0.0366	0.00000666	1.35	5.46	0.031	0.000527	11.5	0.00341	0.0242	0.000179	0.000205	0.0000112	0.0905	0.00000206	0.000124	0.0004415	0.00136	
2085 Jul	122	0.0457	0.094	0.00315	27.1	0.0388	50.4	0.000991	0.000991	0.00000501	0.00507	0.000843	0.028	0.0144	0.00000517	19	0.000016	0.000225	0.00021	0.00116	0.0367	0.00000668	1.36	5.48	0.0311	0.000529	11.5	0.00342	0.0243	0.000179	0.000206	0.0000112	0.0908	0.00000206	0.000125	0.0004417	0.00137	
2085 Aug	122	0.0458	0.0942	0.00316	27.1	0.0389	50.6	0.000991	0.000991	0.00000501	0.00508	0.000844	0.0281	0.0144	0.00000517	19	0.0000161	0.000225	0.00021	0.00117	0.0367	0.0000067	1.36	5.49	0.0312	0.000531	11.5	0.00343	0.0243	0.000179	0.000206	0.0000112	0.091	0.00000206	0.000125	0.0004417	0.00137	
2085 Sep	122	0.0458	0.0941	0.00315	27.1	0.0389	50.7	0.00099	0.00099	0.00000501	0.00508	0.000844	0.0282	0.0144	0.00000517	19.1	0.0000161	0.000225	0.00021	0.00117	0.0367	0.00000671	1.36	5.5	0.0311	0.000532	11.5	0.00344	0.0243	0.000179	0.000206	0.0000112	0.091	0.00000206	0.000125	0.0004416	0.00137	
2085 Oct	122	0.0459	0.0939	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0144	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.51	0.0311	0.000532	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.0909	0.00000206	0.000125	0.0004416	0.00137	
2085 Nov	122	0.0459	0.0938	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.51	0.0311	0.000533	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.0909	0.00000206	0.000126	0.0004416	0.00137	
2085 Dec	122	0.0459	0.0938	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.51	0.0311	0.000533	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.0909	0.00000206	0.000126	0.0004416	0.00137	
2086 Jan	122	0.0459	0.0938	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.51	0.0311	0.000533	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.0909	0.00000206	0.000126	0.0004416	0.00137	
2086 Feb	122	0.0459	0.0938	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.51	0.0311	0.000533	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.0909	0.00000206	0.000126	0.0004416	0.00137	
2086 Mar	122	0.0459	0.0938	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.51	0.0311	0.000533	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.0909	0.00000206	0.000126	0.0004416	0.00137	
2086 Apr	122	0.0459	0.0939	0.00315	27	0.039	50.8	0.000989	0.000989	0.000005	0.00508	0.000845	0.0282	0.0143	0.00000516	19.1	0.0000161	0.000225	0.00021	0.00117	0.0366	0.00000671	1.36	5.52	0.0311	0.000533	11.4	0.00344	0.0244	0.000178	0.000206	0.0000112	0.091	0.00000206	0.000126	0.0004416	0.00137	
2086 May	122	0.046	0.0939	0.00315	27.1	0.039	50.9	0.00099	0.00099	0.000005	0.00509	0.000846	0.0282	0.0144	0.00000516	19.1	0.0000161	0.000226	0.00021	0.00117	0.0367	0.00000672	1.36	5.52	0.0312	0.000533	11.4	0.00344	0.0244	0.000179	0.000207	0.0000112	0.0911	0.00000206	0.000126	0.0004417	0.00137	
2086 Jun	122	0.0459	0.0932	0.00313	26.9	0.0388	50.6	0.000987	0.000987	0.00000499	0.00508	0.000848	0.0281	0.0144	0.00000515	19.1	0.0000161	0.000226	0.000211	0.00116	0.0369	0.00000673	1.36	5.5	0.0314	0.000531	11.3	0.00343	0.0245	0.000181	0.000207	0.0000112	0.0911	0.00000205	0.000125	0.0004419	0.00137	
2086 Jul	122	0.0459	0.0934	0.00314	26.9	0.0389	50.8	0.000989	0.000989	0.000005	0.0051	0.000851	0.0281	0.0145	0.00000516	19.1	0.0000161	0.000226	0.000211	0.00117	0.037	0.00000676	1.36	5.51	0.0314	0.000532	11.4	0.00344	0.0246	0.000181	0.000207	0.0000112	0.0913	0.00000206	0.000126	0.0042	0.00137	
2086 Aug	122	0.046	0.0936	0.00314	26.9	0.039	51	0.00099	0.00099	0.000005	0.00511	0.000853	0.0282	0.0145	0.00000516	19.2	0.0000162	0.000227	0.000212	0.00117	0.037	0.00000677	1.36	5.53	0.0315	0.000534	11.4	0.00345	0.0247	0.000181	0.000208	0.0000113	0.0915	0.00000206	0.000126	0.0004421	0.00137	
2086 Sep	122	0.0461	0.0936	0.00314	26.9	0.039	51.1	0.000989	0.000989	0.000005	0.00511	0.000853	0.0283	0.0145	0.00000516	19.2	0.0000162	0.000227	0.000212	0.00117	0.037	0.00000678	1.36	5.54	0.0315	0.000535	11.4	0.00345	0.0247	0.000181	0.000208	0.0000113	0.0916	0.00000206	0.000126	0.0004421	0.00137	
2086 Oct	123	0.0461	0.0936	0.00314	26.9	0.0391	51.2	0.000989	0.000989	0.000005	0.00511	0.000854	0.0283	0.0145	0.00000516	19.2	0.0000162	0.000227	0.000212	0.00117	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0916	0.00000206	0.000126	0.0004421	0.00137	
2086 Nov	123	0.0461	0.0936	0.00314	26.9	0.0391	51.2	0.000989	0.000989	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0916	0.00000206	0.000126	0.0004421	0.00137	
2086 Dec	123	0.0461	0.0936	0.00314	26.9	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0916	0.00000206	0.000126	0.0004421	0.00137	
2087 Jan	123	0.0461	0.0936	0.00314	26.9	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0916	0.00000206	0.000126	0.0004421	0.00137	
2087 Feb	123	0.0461	0.0936	0.00314	26.9	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0916	0.00000206	0.000126	0.0004421	0.00137	
2087 Mar	123	0.0461	0.0936	0.00314	26.9	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117	0.037	0.00000679	1.36	5.56	0.0315	0.000536	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0917	0.00000206	0.000126	0.0004421	0.00137	
2087 Apr	123	0.0461	0.0936	0.00315	26.9	0.0391	51.2	0.00099	0.00099	0.000005	0.00511	0.000854	0.0284	0.0145	0.00000516	19.2	0.0000162	0.000228	0.000212	0.00117	0.0371	0.00000679	1.36	5.56	0.0315	0.000537	11.4	0.00346	0.0247	0.000181	0.000208	0.0000113	0.0917	0.00000206	0.000126	0.0004421	0.00137	
2087 May	123	0.0462	0.0936	0.00314	26.9	0.0391	51.2	0.00099	0.00099	0.000005	0.00512	0.000855	0.0284	0.0145	0.00000517	19.3	0.0000162	0.000228	0.000212	0.00117	0.0371	0.00000678	1.37	5.56	0.0316	0.000536	11.4	0.00346	0.0248	0.000182	0.000208	0.0000113	0.0918	0.00000206	0.000126	0.0004422	0.00138	
2087 Jun	122	0.0462	0.0932	0.00313	26.8	0.0389	51	0.000988	0.000988	0.00000499	0.00512	0.000858	0.0282	0.0146	0.00000515	19.3	0.0000162	0.000228	0.000213	0.00117	0.0374	0.00000681	1.37	5.55	0.0318	0.000535	11.3	0.00345	0.0248	0.000184	0.000208	0.0000113	0.092	0.00000206	0.000126	0.0004424	0.00138	
2087 Jul	123	0.0463	0.0934	0.00314	26.9	0.039	51.2	0.00099	0.00099	0.000005	0.00513	0.00086	0.0283	0.0146	0.00000517	19.3	0.0000162	0.000229	0.000214	0.00117	0.0374	0.00000683	1.37	5.56	0.0319	0.000536	11.3	0.00346	0.0249	0.000184	0.000209	0.0000113	0.0922	0.00000206	0.000127	0.0004425	0.00138	
2087 Aug	123	0.0464	0.0937	0.00315	26.9	0.0391	51.4	0.000992	0.000992	0.00000502	0.00514	0.000863	0.0284	0.0146	0.00000518	19.4	0.0000163	0.000229	0.000214	0.00117	0.0375	0.00000685	1.37	5.58	0.032	0.000538	11.4	0.00347	0.025	0.000185	0.00021	0.0000113	0.0924	0.00000207	0.000127	0.0004426	0.00138	
2087 Sep	123	0.0465	0.0938	0.00315	27	0.0392	51.5	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0285	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000215	0.00118	0.0376	0.00000686	1.37	5.6	0.032	0.00054	11.4	0.00348	0.025	0.000185	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2087 Oct	123	0.0465	0.0938	0.00315	27	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00118	0.0376	0.00000687	1.37	5.61	0.032	0.00054	11.4	0.00348	0.025	0.000184	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2087 Nov	123	0.0466	0.0938	0.00315	27	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00118	0.0376	0.00000687	1.37	5.61	0.032	0.00054	11.4	0.00348	0.025	0.000184	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2087 Dec	123	0.0466	0.0938	0.00315	27	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00118	0.0376	0.00000687	1.37	5.61	0.032	0.000541	11.4	0.00348	0.025	0.000184	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2088 Jan	123	0.0466	0.0938	0.00315	27	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00118	0.0376	0.00000687	1.37	5.61	0.032	0.000541	11.4	0.00348	0.025	0.000184	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2088 Feb	123	0.0466	0.0938	0.00315	27	0.0392	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00118	0.0376	0.00000687	1.37	5.61	0.032	0.000541	11.4	0.00348	0.025	0.000184	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2088 Mar	123	0.0466	0.0938	0.00315	27	0.0393	51.6	0.000993	0.000993	0.00000502	0.00515	0.000864	0.0286	0.0147	0.00000518	19.4	0.0000163	0.00023	0.000214	0.00118	0.0376	0.00000687	1.37	5.61	0.032	0.000541	11.4	0.00348	0.025	0.000184	0.00021	0.0000114	0.0926	0.00000207	0.000127	0.0004427	0.00138	
2088 Apr	123	0.0466	0.0938	0.00315	27	0.0393	51.7	0.000993	0.000993	0.00000502	0.00515	0.000865	0.0286	0.0147	0.00000518	19.5	0.0000163	0.00023	0.000215	0.00118	0.0376	0.00000687	1.37	5.62	0.032	0.000541	11.4	0.00349	0.0251	0.000184	0.00021	0.0000114	0.0927	0.00000207	0.000128	0.0004427	0.00138	
2088 May	124	0.0466	0.0939	0.00316	27	0.0393	51.7	0.000995	0.000995	0.00000503	0.00516	0.000866	0.0286	0.0147	0.00000519	19.5	0.0000164	0.000231	0.000215	0.00118	0.0377	0.00000688	1.38	5.62	0.0321	0.000542	11.4	0.00349	0.0251	0.000185	0.00021	0.0000114	0.0928	0.00000207	0.000128	0.0004428	0.00139	
2088 Jun	123	0.0465	0.0936	0.00315	26.9	0.0392	51.5	0.000993	0.000993	0.00000502	0.00516	0.000866	0.0285	0.0147	0.00000518	19.4	0.0000164	0.00023	0.000214	0.00118	0.0377	0.00000689	1.37	5.6	0.032	0.00054	11.3	0.00348	0.0252	0.000185	0.000211	0.0000114	0.0926	0.00000207	0.000127	0.0004428	0.00139	
2088 Jul	124	0.0466	0.0938	0.00316	27	0.0393	51.7	0.000996	0.000996	0.00000503	0.00518	0.000868	0.0286	0.0147	0.0000052	19.5	0.0000164	0.000231	0.000215	0.00118	0.0378	0.00000692	1.38	5.62	0.0321	0.000541	11.3	0.00349	0.0252	0.000185	0.000211	0.0000114	0.0928	0.00000207	0.000128	0.0004429	0.00139	
2088 Aug	124	0.0468	0.0942	0.00317	27.1	0.0395	51.9	0.000999	0.000999	0.00000505	0.0052	0.000872	0.0287	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118	0.0379	0.00000694	1.38	5.64	0.0322	0.000543	11.4	0.00351	0.0253	0.000186	0.000212	0.0000114	0.0932	0.00000208	0.000128	0.0004431	0.0014	
2088 Sep	124	0.0468	0.0943	0.00317	27.1	0.0395	52	0.001	0.001	0.00000505	0.00521	0.000873	0.0288	0.0148	0.00000522	19.6	0.0000165	0.000232	0.000216	0.00118	0.0379	0.00000696	1.38	5.66	0.0323	0.000545	11.4	0.00351	0.0254	0.000186	0.000213	0.0000115	0.0934	0.00000208	0.000129	0.0004431	0.0014	
2088 Oct	124	0.0469	0.0942	0.00317	27	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000215	0.00118	0.0379	0.00000695	1.38	5.65	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000114	0.0932	0.00000208	0.000129	0.0004431	0.0014	
2088 Nov	124	0.0469	0.0941	0.00317	27	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000215	0.00118	0.0379	0.00000695	1.38	5.65	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000114	0.0932	0.00000208	0.000129	0.00043	0.0014	
2088 Dec	124	0.0469	0.0941	0.00317	27	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000215	0.00118	0.0379	0.00000695	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000114	0.0932	0.00000208	0.000129	0.00043	0.0014	
2089 Jan	124	0.0469	0.0941	0.00317	27	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000215	0.00118	0.0379	0.00000695	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000114	0.0932	0.00000208	0.000129	0.00043	0.0014	
2089 Feb	124	0.0469	0.0941	0.00317	27	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000215	0.00118	0.0379	0.00000695	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000114	0.0932	0.00000208	0.000129	0.00043	0.0014	
2089 Mar	124	0.0469	0.0941	0.00317	27	0.0395	52	0.000998	0.000998	0.00000504	0.0052	0.000872	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000215	0.00118	0.0379	0.00000695	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000114	0.0932	0.00000208	0.000129	0.0004431	0.0014	
2089 Apr	124	0.0469	0.0942	0.00317	27	0.0395	52	0.000998	0.000998	0.00000505	0.00521	0.000873	0.0288	0.0147	0.00000521	19.6	0.0000165	0.000232	0.000216	0.00118	0.0379	0.00000696	1.38	5.66	0.0322	0.000545	11.4	0.00351	0.0254	0.000185	0.000212	0.0000115	0.0933	0.00000208	0.000129	0.0004431	0.0014	
2089 May	124	0.047	0.0942	0.00317	27	0.0395	52	0.000999	0.000999	0.00000505	0.00521	0.000875	0.0288	0.0148	0.00000521	19.6	0.0000165	0.000233	0.000216	0.00118	0.038	0.00000697	1.38	5.66	0.0323	0.000545	11.4	0.00351	0.0254	0.000186	0.000212	0.0000115	0.0935	0.00000208	0.000129	0.0004432	0.0014	
2089 Jun	124	0.0471	0.0939	0.00316	27	0.0394	51.9	0.000998	0.000998	0.00000504	0.00521	0.000878	0.0287	0.0149	0.00000521	19.7	0.0000165	0.000233	0.000218	0.00118	0.0383	0.00000698	1.39	5.65	0.0326	0.000544	11.3	0.00351	0.0256	0.000189	0.000213	0.0000115	0.0937	0.00000208	0.000128	0.0004435	0.0014	
2089 Jul	124	0.0472	0.0942	0.00317	27	0.0

Appendix D.2-24: PUM03

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	198	0.0681	0.313	0.00438	87.8	0.0106	39.3	0.00000168	0.00000168	4.67E-08	0.000346	0.000145	0.0184	0.000342	0.000000151	8.6	0.00000397	0.000093	0.0000283	0.000239	0.000829	0.00000143	0.195	4.62	0.00725	0.000265	57.2	0.00169	0.000167	0.00000264	0.0000846	0.0000406	0.0216	5.54E-08	0.000061	0.0000694	0.00014	
Operation (2026-2036): Mean	1850	0.764	3.01	0.0669	909	0.16	419	0.000526	0.000526	0.00000334	0.0104	0.00236	0.246	0.0142	0.0000515	65.3	0.0000668	0.000827	0.000566	0.00451	0.0362	0.0000295	4.21	31.8	0.129	0.00456	402	0.0321	0.0295	0.0000619	0.00148	0.0000693	0.439	0.00000203	0.00107	0.00141	0.0028	
Operation (2026-2036): Max	2770	1.15	4.71	0.0981	1400	0.209	562	0.00074	0.00074	0.00000434	0.0117	0.00296	0.337	0.0239	0.00000617	85.9	0.0000877	0.00106	0.000774	0.00616	0.0647	0.0000394	5.73	43.5	0.184	0.00627	667	0.0462	0.038	0.00042	0.00213	0.0000981	0.611	0.00000243	0.00149	0.00195	0.00364	
2092 Jun	125	0.0479	0.0918	0.00311	26.4	0.0396	53.2	0.000991	0.000991	0.00000501	0.00528	0.000904	0.0292	0.0152	0.00000517	20.1	0.0000168	0.00024	0.000223	0.00119	0.0394	0.00000719	1.4	5.8	0.0337	0.000556	11	0.00355	0.0265	0.000196	0.000216	0.0000116	0.0956	0.00000206	0.000131	0.000447	0.00141	
2092 Jul	125	0.0479	0.0919	0.00312	26.4	0.0396	53.3	0.000991	0.000991	0.00000501	0.00529	0.000905	0.0292	0.0152	0.00000518	20.2	0.0000168	0.00024	0.000223	0.00119	0.0394	0.0000072	1.4	5.81	0.0337	0.000556	11	0.00356	0.0265	0.000196	0.000216	0.0000116	0.0957	0.00000207	0.000131	0.000448	0.00141	
2092 Aug	126	0.048	0.0922	0.00313	26.4	0.0398	53.6	0.000994	0.000994	0.00000502	0.0053	0.000908	0.0294	0.0153	0.00000519	20.2	0.0000169	0.00024	0.000223	0.00119	0.0395	0.00000723	1.4	5.83	0.0338	0.000559	11	0.00357	0.0266	0.000197	0.000217	0.0000117	0.096	0.00000207	0.000132	0.000449	0.00141	
2092 Sep	126	0.0481	0.0922	0.00313	26.4	0.0398	53.8	0.000994	0.000994	0.00000502	0.00531	0.000909	0.0295	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0396	0.00000724	1.4	5.86	0.0339	0.00056	11	0.00358	0.0266	0.000197	0.000218	0.0000117	0.0961	0.00000207	0.000132	0.000449	0.00142	
2092 Oct	126	0.0481	0.0922	0.00313	26.4	0.0399	53.9	0.000993	0.000993	0.00000502	0.00531	0.000909	0.0295	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0395	0.00000724	1.4	5.87	0.0339	0.000561	11	0.00359	0.0266	0.000196	0.000218	0.0000117	0.0962	0.00000207	0.000132	0.000449	0.00142	
2092 Nov	126	0.0481	0.0922	0.00313	26.4	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.000909	0.0296	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0395	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.0000117	0.0962	0.00000207	0.000132	0.000449	0.00142	
2092 Dec	126	0.0481	0.0922	0.00313	26.4	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0395	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.0000117	0.0962	0.00000207	0.000132	0.000449	0.00142	
2093 Jan	126	0.0481	0.0922	0.00313	26.4	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0395	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.0000117	0.0962	0.00000207	0.000132	0.000449	0.00142	
2093 Feb	126	0.0481	0.0922	0.00313	26.4	0.0399	54	0.000993	0.000993	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0395	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0266	0.000196	0.000218	0.0000117	0.0962	0.00000207	0.000132	0.000449	0.00142	
2093 Mar	126	0.0481	0.0922	0.00313	26.4	0.0399	54	0.000994	0.000994	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0267	0.000196	0.000218	0.0000117	0.0962	0.00000207	0.000132	0.000449	0.00142	
2093 Apr	126	0.0482	0.0922	0.00313	26.4	0.0399	54	0.000994	0.000994	0.00000502	0.00531	0.00091	0.0296	0.0153	0.00000519	20.3	0.0000169	0.00024	0.000224	0.0012	0.0396	0.00000725	1.4	5.88	0.0339	0.000562	11	0.00359	0.0267	0.000196	0.000218	0.0000117	0.0963	0.00000207	0.000132	0.00045	0.00142	
2093 May	127	0.0482	0.0923	0.00313	26.5	0.0399	54.1	0.000995	0.000995	0.00000503	0.00532	0.000912	0.0296	0.0153	0.0000052	20.4	0.0000169	0.00024	0.000224	0.0012	0.0397	0.00000726	1.41	5.89	0.034	0.000563	11	0.0036	0.0267	0.000197	0.000218	0.0000117	0.0964	0.00000207	0.000133	0.000451	0.00142	
2093 Jun	126	0.0482	0.0918	0.00312	26.3	0.0398	53.9	0.000992	0.000992	0.00000501	0.00531	0.000914	0.0295	0.0154	0.00000518	20.4	0.0000169	0.00024	0.000223	0.000226	0.0012	0.0399	0.00000727	1.4	5.87	0.0342	0.000561	10.9	0.00359	0.0268	0.0002	0.000218	0.0000117	0.0965	0.00000207	0.000132	0.000453	0.00142	
2093 Jul	127	0.0483	0.092	0.00312	26.4	0.0399	54	0.000994	0.000994	0.00000503	0.00533	0.000916	0.0295	0.0154	0.0000052	20.4	0.000017	0.00024	0.000226	0.0012	0.04	0.00000729	1.41	5.89	0.0343	0.000562	11	0.0036	0.0269	0.0002	0.000219	0.0000117	0.0968	0.00000207	0.000132	0.000454	0.00142	
2093 Aug	127	0.0484	0.0922	0.00313	26.4	0.04	54.2	0.000996	0.000996	0.00000504	0.00534	0.000919	0.0297	0.0154	0.00000521	20.5	0.000017	0.00024	0.000226	0.0012	0.0401	0.00000731	1.41	5.91	0.0344	0.000564	11	0.00361	0.0269	0.0002	0.000219	0.0000118	0.097	0.00000208	0.000133	0.000455	0.00142	
2093 Sep	127	0.0485	0.0923	0.00313	26.5	0.04	54.3	0.000996	0.000996	0.00000504	0.00534	0.00092	0.0297	0.0154	0.00000521	20.5	0.000017	0.00024	0.000227	0.0012	0.0401	0.00000732	1.41	5.93	0.0344	0.000565	11	0.00361	0.027	0.0002	0.00022	0.0000118	0.0971	0.00000208	0.000133	0.000456	0.00142	
2093 Oct	127	0.0485	0.092	0.00313	26.4	0.04	54.3	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.92	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.097	0.00000207	0.000133	0.000454	0.00142	
2093 Nov	127	0.0486	0.0919	0.00312	26.3	0.04	54.3	0.000993	0.000993	0.00000502	0.00534	0.000918	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.92	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.0969	0.00000207	0.000133	0.000454	0.00142	
2093 Dec	127	0.0486	0.0919	0.00312	26.3	0.04	54.3	0.000993	0.000993	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.92	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.0969	0.00000207	0.000133	0.000454	0.00142	
2094 Jan	127	0.0486	0.0919	0.00312	26.3	0.04	54.4	0.000993	0.000993	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.92	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.0969	0.00000207	0.000133	0.000454	0.00142	
2094 Feb	127	0.0486	0.0919	0.00312	26.3	0.04	54.4	0.000993	0.000993	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.92	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.0969	0.00000207	0.000133	0.000454	0.00142	
2094 Mar	127	0.0486	0.0919	0.00312	26.3	0.04	54.4	0.000993	0.000993	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.92	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.0969	0.00000207	0.000133	0.000454	0.00142	
2094 Apr	127	0.0486	0.0919	0.00312	26.3	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000919	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000226	0.0012	0.04	0.00000732	1.41	5.93	0.0343	0.000566	10.9	0.00361	0.027	0.000199	0.000219	0.0000118	0.097	0.00000207	0.000133	0.000454	0.00142	
2094 May	127	0.0486	0.0918	0.00312	26.3	0.04	54.4	0.000994	0.000994	0.00000502	0.00534	0.000921	0.0297	0.0154	0.00000519	20.5	0.000017	0.00024	0.000227	0.0012	0.0401	0.00000733	1.41	5.93	0.0344	0.000566	10.9	0.00361	0.027	0.0002	0.000219	0.0000118	0.0971	0.00000207	0.000133	0.000455	0.00142	
2094 Jun	127	0.0487	0.0916	0.00311	26.3	0.04	54.4	0.000993	0.000993	0.00000502	0.00535	0.000924	0.0297	0.0155	0.00000519	20.6	0.0000171	0.00024	0.000228	0.0012	0.0403	0.00000735	1.41	5.94	0.0347	0.000566	10.9	0.00361	0.0271	0.000203	0.00022	0.0000118	0.0974	0.00000207	0.000133	0.000458	0.00142	
2094 Jul	128	0.0489	0.092	0.00313	26.4	0.0401	54.7	0.000997	0.000997	0.00000504	0.00537	0.000928	0.0299	0.0156	0.00000521	20.7	0.0000171	0.00024	0.000229	0.00121	0.0405	0.00000738	1.42	5.97	0.0348	0.000569	10.9	0.00363	0.0273	0.000203	0.000221	0.0000118	0.0979	0.00000208	0.000134	0.00046	0.00143	
2094 Aug	128	0.0491	0.0924	0.00314	26.5	0.0403	55	0.001	0.001	0.00000506	0.00539	0.000932	0.03	0.0156	0.00000523	20.8	0.0000172	0.00024	0.00023	0.00121	0.0407	0.00000741	1.42	6	0.035	0.000572	11	0.00365	0.0274	0.000204	0.000222	0.0000119	0.0983	0.00000209	0.000135	0.000462	0.00144	
2094 Sep	128	0.0491	0.0924	0.00314	26.5	0.0404	55.1	0.001	0.001	0.00000506	0.0054	0.000933	0.0301	0.0156	0.00000523	20.8	0.0000172	0.00024	0.00023	0.00121	0.0407	0.00000742	1.42	6.02	0.035	0.000573	11	0.00366	0.0274	0.000204	0.000222	0.0000119	0.0984	0.00000209	0.000135	0.000462	0.00144	
2094 Oct	128	0.0492	0.0923	0.00314	26.4	0.0404	55.2	0.000999	0.000999	0.00000505	0.00539	0.000932	0.0301	0.0156	0.00000522	20.8	0.0000172	0.00024	0.000229	0.00121	0.0406	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00366	0.0274	0.000203	0.000222	0.0000119	0.0983	0.00000208	0.000135	0.000461	0.00143	
2094 Nov	128	0.0492	0.0921	0.00313	26.4	0.0403	55.2	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.000229	0.00121	0.0405	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00365	0.0274	0.000203	0.000222	0.0000119	0.0982	0.00000208	0.000135	0.000461	0.00143	
2094 Dec	128	0.0492	0.0921	0.00313	26.4	0.0403	55.2	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.000229	0.00121	0.0405	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00365	0.0274	0.000202	0.000222	0.0000119	0.0982	0.00000208	0.000135	0.00046	0.00143	
2095 Jan	128	0.0492	0.0921	0.00313	26.4	0.0403	55.2	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.000229	0.00121	0.0405	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00365	0.0274	0.000202	0.000222	0.0000119	0.0982	0.00000208	0.000135	0.00046	0.00143	
2095 Feb	128	0.0492	0.0921	0.00313	26.4	0.0403	55.2	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.000229	0.00121	0.0405	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00366	0.0274	0.000202	0.000222	0.0000119	0.0982	0.00000208	0.000135	0.00046	0.00143	
2095 Mar	128	0.0492	0.0921	0.00313	26.4	0.0404	55.2	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.000229	0.00121	0.0405	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00366	0.0274	0.000203	0.000222	0.0000119	0.0982	0.00000208	0.000135	0.000461	0.00143	
2095 Apr	128	0.0492	0.0921	0.00313	26.4	0.0404	55.2	0.000997	0.000997	0.00000504	0.00539	0.000932	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.000229	0.00121	0.0406	0.00000742	1.42	6.03	0.0349	0.000574	10.9	0.00366	0.0274	0.000203	0.000222	0.0000119	0.0982	0.00000208	0.000135	0.000461	0.00143	
2095 May	128	0.0493	0.092	0.00313	26.4	0.0403	55.2	0.000997	0.000997	0.00000504	0.0054	0.000934	0.0301	0.0156	0.00000521	20.8	0.0000172	0.00024	0.00023	0.00121	0.0407	0.00000743	1.42	6.03	0.035	0.000574	10.9	0.00366	0.0275	0.000204	0.000222	0.0000119	0.0984	0.00000208	0.000135	0.000462	0.00143	
2095 Jun	128	0.0494	0.092	0.00313	26.4	0.0403	55.2	0.000998	0.000998	0.00000505	0.00541	0.000937	0.0301	0.0157	0.00000522	20.9	0.0000173	0.00024	0.000231	0.00121	0.0409	0.00000745	1.43	6.03	0.0352	0.000574	10.9	0.00366	0.0276	0.000206	0.000222	0.0000119	0.0987	0.00000208	0.000135	0.000465	0.00144	
2095 Jul	129	0.0496	0.0924	0.00314	26.5	0.0405	55.4	0.001	0.001	0.00000507	0.00543	0.000941	0.0302	0.0158	0.00000524	21	0.0000173	0.00025	0.000232	0.00122	0.0411	0.00000748	1.43	6.06	0.0354	0.000576	10.9	0.00367	0.0277	0.000207	0.000223	0.00012	0.0991	0.00000209	0.000136	0.000466	0.00144	
2095 Aug	129	0.0496	0.0925	0.00315	26.5	0.0405	55.5	0.001	0.001	0.00000507	0.00543	0.000942	0.0303	0.0158	0.00000524	21	0.0000173	0.00025	0.000232	0.00122	0.0411	0.00000749	1.43	6.07	0.0354	0.000577	10.9	0.00368	0.0277	0.000206	0.000223	0.00012	0.0992	0.00000209	0.000136	0.000466	0.00144	
2095 Sep	129	0.0497	0.0925	0.00315	26.5	0.0406	55.6	0.001	0.001	0.00000507	0.00543	0.000942	0.0303	0.0158	0.00000524	21	0.0000173	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.08	0.0354	0.000579	10.9	0.00368	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2095 Oct	129	0.0497	0.0926	0.00315	26.5	0.0406	55.7	0.001	0.001	0.00000507	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000174	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.09	0.0354	0.000579	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000467	0.00144	
2095 Nov	129	0.0497	0.0925	0.00315	26.5	0.0406	55.7	0.001	0.001	0.00000506	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000173	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2095 Dec	129	0.0497	0.0925	0.00315	26.5	0.0406	55.8	0.001	0.001	0.00000506	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000174	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2096 Jan	129	0.0497	0.0925	0.00315	26.5	0.0406	55.8	0.001	0.001	0.00000506	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000174	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2096 Feb	129	0.0497	0.0925	0.00315	26.5	0.0406	55.8	0.001	0.001	0.00000506	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000174	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2096 Mar	129	0.0497	0.0925	0.00315	26.5	0.0406	55.8	0.001	0.001	0.00000506	0.00543	0.000943	0.0304	0.0158	0.00000524	21	0.0000174	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2096 Apr	129	0.0498	0.0925	0.00315	26.5	0.0407	55.8	0.001	0.001	0.00000506	0.00544	0.000943	0.0304	0.0158	0.00000524	21.1	0.0000174	0.00025	0.000232	0.00122	0.0411	0.00000751	1.43	6.1	0.0354	0.00058	10.9	0.00369	0.0277	0.000206	0.000224	0.00012	0.0993	0.00000209	0.000136	0.000466	0.00144	
2096 May	130	0.0498	0.0925	0.00315	26.5	0.0407	55.9	0.001	0.001	0.00000507	0.00544	0.000945	0.0305	0.0158	0.00000524	21.1	0.0000174	0.00025	0.000232	0.00122	0.0412	0.00000752	1.43	6.12	0.0355	0.000581	10.9	0.0037	0.0278	0.000207	0.000224	0.00012	0.0995	0.00000209	0.000137	0.000468	0.00144	
2096 Jun	129	0.0496	0.0916	0.00312	26.3	0.0405	55.8	0.000998	0.000998	0.00000504	0.00543	0.000945	0.0303	0.0158	0.00000522	21.1	0.0000174	0.00025	0.000232	0.00122	0.0412	0.00000752	1.43	6.1	0.0356	0.000578	10.8	0.00368	0.0278	0.000208	0.000224	0.00012	0.0993	0.00000208	0.000135	0.000469	0.00144	
2096 Jul	129	0.0497	0.0918	0.00313	26.3	0.0405	55.9	0.001	0.001	0.00000505	0.00543	0.000947	0.0304	0.0158	0.00000523	21.1	0.0000174	0.00025	0.000232	0.00122	0.0413	0.00000754	1.43	6.11	0.0356	0.00058	10.8	0.00369	0.0279	0.000208	0.000225	0.00012	0.0995	0.00000208	0.000135	0.00047	0.00145	
2096 Aug	130	0.0498	0.0921	0.00314	26.4	0.0407	56.1	0.001	0.001	0.00000507	0.00546	0.000951	0.0305	0.0159	0.00000524	21.2	0.0000175	0.00025	0.000234	0.00122	0.0414	0.00000757	1.44	6.13	0.0357	0.000582	10.9	0.0037	0.028	0.000208	0.000226	0.0000121	0.0999	0.00000209	0.000137	0.000471	0.00145	
2096 Sep	130	0.0499	0.0921	0.00314	26.4	0.0407	56.2	0.001	0.001	0.00000507	0.00547	0.000951	0.0306	0.0159	0.00000524	21.2	0.0000175	0.00025	0.000233	0.00122	0.0414	0.00000758	1.44	6.14	0.0357	0.000583	10.9	0.00371	0.028	0.000208	0.000226	0.0000121	0.0999	0.00000209	0.000137	0.000471	0.00145	
2096 Oct	130	0.05	0.0919	0.00313	26.3	0.0407	56.2	0.001	0.001	0.00000506	0.00546	0.00095	0.0306	0.0158	0.00000523	21.2	0.0000175	0.00025	0.000233	0.00122	0.0413	0.00000757	1.43	6.14	0.0356	0.000583	10.8	0.0037	0.028	0.000207	0.000225	0.0000121	0.0997	0.00000209	0.000137	0.00047	0.00145	
2096 Nov	130	0.05	0.0918	0.00313	26.3	0.0407	56.2	0.001	0.001	0.00000505	0.00546	0.00095	0.0306	0.0158	0.00000523	21.2	0.0000175	0.00025	0.000233	0.00122	0.0413	0.00000758	1.43	6.14	0.0356	0.000584	10.8	0.0037	0.028	0.000207	0.000225	0.0000121	0.0997	0.00000209	0.000137	0.000469	0.00145	
2096 Dec	130	0.05	0.0918	0.00313	26.3	0.0407	56.2	0.001	0.001	0.00000505	0.00546	0.00095	0.0306	0.0158	0.00000523	21.2	0.0000175	0.00025	0.000233	0.00122	0.0413	0.00000758	1.43	6.14	0.0356	0.000584	10.8	0.0037	0.028	0.000207	0.000225	0.0000121	0.0997	0.00000209	0.000137	0.000469	0.00145	
2097 Jan	130	0.05	0.0918	0.00313	26.3	0.0407	56.2	0.001	0.001	0.00000505	0.00546	0.00095	0.0306

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
Active Closure (2037-2043): Min	353	0.0532	0.141	0.00476	34.4	0.0332	48.8	0.000334	0.000334	0.00000261	0.00353	0.000573	0.0204	0.00833	0.00000454	15.1	0.000014	0.00013	0.000145	0.00108	0.0164	0.00000429	1.24	4.05	0.0204	0.000445	11.7	0.00287	0.00633	0.000031	0.000198	0.000101	0.0796	0.00000173	0.00011	0.000242	0.0011	4.87E-14
Active Closure (2037-2043): Mean	922	0.108	0.382	0.0116	96	0.0464	131	0.000897	0.000897	0.00000465	0.00424	0.000957	0.044	0.00972	0.00000499	20.6	0.0000198	0.000186	0.000192	0.00152	0.0214	0.0000069	1.52	8.15	0.0326	0.000998	30.3	0.00639	0.0107	0.0000837	0.000333	0.000179	0.113	0.00000198	0.000232	0.000374	0.00131	1.41E-12
Active Closure (2037-2043): Max	5150	0.593	2.16	0.0616	592	0.146	736	0.000992	0.000992	0.00000502	0.00961	0.00508	0.231	0.0166	0.00000514	80.2	0.0000819	0.000671	0.000636	0.00502	0.0431	0.0000323	4.31	40.9	0.15	0.00541	178	0.034	0.0248	0.000188	0.0017	0.000811	0.474	0.00000205	0.00124	0.00152	0.00307	2.15E-11
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Post Closure (2044-2099): Min	145	0.0462	0.0566	0.00231	23.5	0.0276	12.1	0.000991	0.000969	0.00000501	0.00503	0.000879	0.0133	0.0135	0.00000502	13	0.0000147	0.000185	0.000163	0.000839	0.0362	0.00000642	1.27	2.02	0.022	0.000241	9.01	0.00169	0.0246	0.000155	0.000161	0.000068	0.0836	0.00000205	0.0000689	0.000393	0.00136	4.89E-14
Post Closure (2044-2099): Mean	166	0.0667	0.108	0.0033	29.5	0.0341	22.9	0.00128	0.00102	0.00000541	0.0059	0.00143	0.023	0.0191	0.00000539	19.1	0.0000173	0.000451	0.00026	0.00108	0.0507	0.00000779	1.95	3.39	0.0414	0.000454	12.9	0.00257	0.0344	0.000284	0.000207	0.000111	0.125	0.00000222	0.000168	0.000549	0.00153	0.00011
Post Closure (2044-2099): Max	356	0.0836	0.153	0.0048	34.6	0.0449	49.2	0.00171	0.00108	0.00000576	0.00676	0.00227	0.0407	0.0247	0.00000595	26.5	0.0000212	0.000916	0.000353	0.00138	0.0635	0.00000975	2.89	5.21	0.0617	0.000798	13.8	0.00402	0.0403	0.000391	0.000282	0.000173	0.178	0.00000247	0.000333	0.000717	0.00172	0.00015
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
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2032 Jan	471	0.0238	0.0471	0.00471	320	0.0471	28	0.00471	0.00471	0.000118	0.0471	0.0118	0.706	0.471	0.00235	0.134	0.000017	0.00471	0.00236	0.000945	0.118	0.00000473	4.54	1.21	0.024	0.0235	146	0.0118	0.00486	0.000473	0.00424	0.000471	0.404	0.000235	0.00235	0.0471	0.000474	0.0028
2032 Feb	765	0.0386	0.0765	0.00765	520	0.0765	45.5	0.00765	0.00765	0.000191	0.0765	0.0191	1.15	0.765	0.00382	0.182	0.0000276	0.00765	0.00383	0.00153	0.192	0.00000767	7.37	1.96	0.0388	0.0382	238	0.0191	0.00784	0.000767	0.00688	0.000765	0.657	0.000382	0.00382	0.0764	0.000769	0.00454
2032 Mar	846	0.0426	0.0847	0.00846	575	0.0846	50.3	0.00846	0.00846	0.000211	0.0846	0.0211	1.27	0.846	0.00423	0.172	0.0000305	0.00846	0.00423	0.0017	0.212	0.00000848	8.16	2.17	0.0428	0.0423	263	0.0211	0.00864	0.000848	0.00761	0.000846	0.726	0.000423	0.00423	0.0846	0.00085	0.00502
2032 Apr	888	0.0447	0.0888	0.00887	603	0.0888	52.8	0.00887	0.00887	0.000222	0.0887	0.0222	1.33	0.887	0.00444	0.158	0.000032	0.00887	0.00444	0.00178	0.222	0.0000089	8.56	2.27	0.0448	0.0444	276	0.0222	0.00904	0.000889	0.00799	0.000887	0.762	0.000444	0.00444	0.0887	0.000891	0.00527
2032 May	944	0.0502	0.108	0.00961	627	0.0923	58.6	0.00915	0.00915	0.000229	0.0915	0.0278	1.37	0.915	0.00457	0.568	0.0000334	0.00915	0.00458	0.00186	0.229	0.00000933	8.84	2.57	0.047	0.0458	286	0.0231	0.0093	0.000917	0.00824	0.00092	0.788	0.000457	0.00458	0.0915	0.000933	0.00543

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.0001118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2032 Jun	2500	0.313	1.17	0.0366	616	0.102	318	0.00481	0.00481	0.0000116	0.0501	0.0168	0.777	0.461	0.00229	31.8	0.0000522	0.00485	0.00252	0.00291	0.129	0.0000184	6.15	17.3	0.0821	0.0249	234	0.025	0.0159	0.000491	0.00483	0.000782	0.58	0.000229	0.00278	0.0463	0.00202	0.00271
2032 Jul	4720	0.629	2.4	0.0714	934	0.154	639	0.00435	0.00435	0.0000108	0.0489	0.0156	0.834	0.434	0.00215	62.7	0.0000805	0.0048	0.0026	0.00481	0.12	0.000029	7.45	34.7	0.139	0.0258	326	0.0389	0.00822	0.000453	0.00528	0.0011	0.744	0.000215	0.00316	0.044	0.00277	0.00255
2032 Aug	4060	0.532	2.01	0.0607	871	0.145	539	0.00506	0.00506	0.0000125	0.0549	0.0174	0.904	0.502	0.00249	52.8	0.0000715	0.0054	0.00286	0.0043	0.136	0.0000259	7.59	29.2	0.123	0.0285	314	0.0358	0.00985	0.000514	0.00564	0.00105	0.741	0.000249	0.00333	0.0506	0.00246	0.00295
2032 Sep	3070	0.371	1.37	0.0439	838	0.133	379	0.00718	0.00718	0.0000179	0.0747	0.0234	1.18	0.717	0.00357	34.6	0.0000612	0.00742	0.00382	0.0036	0.186	0.0000208	8.71	20.3	0.1	0.0381	328	0.0333	0.00961	0.000724	0.0072	0.00108	0.819	0.000358	0.00413	0.072	0.00198	0.00424
2032 Oct	2390	0.266	0.951	0.0328	786	0.122	274	0.00809	0.00809	0.0000202	0.0829	0.0237	1.28	0.809	0.00404	23.2	0.0000529	0.00826	0.0042	0.00307	0.206	0.0000171	9	14.5	0.0837	0.042	322	0.0306	0.00948	0.000814	0.00778	0.00105	0.831	0.000404	0.00441	0.0811	0.00165	0.00479
2032 Nov	1950	0.202	0.694	0.0258	739	0.114	209	0.00845	0.00845	0.0000211	0.0859	0.0229	1.31	0.843	0.00421	16.6	0.0000473	0.00855	0.00433	0.00272	0.215	0.000015	8.99	10.9	0.0727	0.0432	311	0.0283	0.0105	0.000847	0.00794	0.00101	0.821	0.000421	0.00447	0.0845	0.00146	0.005
2032 Dec	1800	0.185	0.617	0.0235	711	0.11	188	0.00836	0.00836	0.0000208	0.0848	0.0222	1.29	0.832	0.00415	14.9	0.0000452	0.00843	0.00426	0.0026	0.212	0.0000143	8.8	9.79	0.0685	0.0425	302	0.0272	0.0116	0.000835	0.00779	0.000983	0.801	0.000416	0.00439	0.0833	0.00139	0.00493
2033 Jan	1570	0.154	0.5	0.0204	666	0.108	156	0.0087	0.0087	0.0000217	0.0879	0.0227	1.33	0.867	0.00433	11.6	0.000043	0.00875	0.00441	0.00246	0.22	0.0000133	8.46	8.03	0.0644	0.044	287	0.0266	0.0114	0.00087	0.00803	0.000983	0.767	0.000433	0.00451	0.0867	0.00131	0.00483
2033 Feb	1380	0.136	0.429	0.0186	609	0.106	134	0.00891	0.00891	0.0000222	0.0899	0.0231	1.36	0.889	0.00444	9.67	0.0000418	0.00896	0.00451	0.00238	0.225	0.0000127	7.82	6.85	0.062	0.045	263	0.0263	0.0112	0.000893	0.00819	0.000985	0.707	0.000444	0.00459	0.0889	0.00125	0.0045
2033 Mar	1250	0.124	0.381	0.0173	569	0.105	118	0.00908	0.00908	0.0000226	0.0914	0.0234	1.38	0.906	0.00452	8.28	0.0000409	0.00911	0.00458	0.00232	0.229	0.0000123	7.38	6.03	0.0604	0.0458	248	0.0261	0.0111	0.000909	0.00831	0.000988	0.666	0.000452	0.00465	0.0906	0.00122	0.00428
2033 Apr	1150	0.114	0.344	0.0164	540	0.105	107	0.00922	0.00922	0.00023	0.0928	0.0236	1.4	0.92	0.0046	7.22	0.0000404	0.00925	0.00465	0.00229	0.233	0.0000121	7.06	5.41	0.0592	0.0464	236	0.026	0.011	0.000924	0.00842	0.000992	0.637	0.00046	0.00471	0.092	0.00119	0.00411
2033 May	1230	0.136	0.423	0.0181	510	0.103	124	0.00857	0.00857	0.0000213	0.0863	0.0247	1.3	0.852	0.00424	11.3	0.0000413	0.00859	0.00435	0.00235	0.222	0.0000128	6.53	6.67	0.0663	0.0431	218	0.0254	0.0134	0.00091	0.00786	0.000952	0.592	0.000425	0.0044	0.0851	0.0013	0.00364
2033 Jun	2300	0.306	1.1	0.0355	559	0.11	295	0.00599	0.00599	0.0000147	0.0619	0.0193	0.958	0.59	0.00291	31.9	0.0000527	0.0061	0.00319	0.00306	0.166	0.0000181	5.61	16.4	0.0943	0.0311	211	0.0272	0.0156	0.000706	0.0059	0.000892	0.533	0.000292	0.00337	0.0589	0.00188	0.00239
2033 Jul	3260	0.446	1.66	0.0516	672	0.137	437	0.00619	0.00619	0.0000154	0.0655	0.0206	1.05	0.617	0.00306	43.9	0.0000669	0.00648	0.00339	0.00395	0.166	0.0000232	5.67	23.9	0.115	0.0336	239	0.0345	0.0109	0.000668	0.00648	0.00107	0.559	0.000307	0.00375	0.062	0.00226	0.00206
2033 Aug	2920	0.398	1.47	0.0473	645	0.143	386	0.00774	0.00774	0.0000194	0.0807	0.0253	1.27	0.776	0.00387	37	0.0000659	0.00802	0.00413	0.00386	0.2	0.0000221	5.7	20.8	0.108	0.0412	235	0.036	0.00916	0.000788	0.00779	0.00117	0.556	0.000387	0.00446	0.0779	0.00212	0.00232
2033 Sep	3900	0.554	2.07	0.0619	698	0.142	540	0.00437	0.00437	0.0000108	0.0483	0.0153	0.804	0.432	0.00213	55	0.0000719	0.00471	0.00253	0.00431	0.12	0.000026	4.97	29.5	0.123	0.0251	232	0.0349	0.0113	0.000443	0.00505	0.001	0.511	0.000214	0.0031	0.0436	0.00247	0.00127
2033 Oct	3790	0.56	2.04	0.0598	631	0.129	532	0.0026	0.0026	0.0000603	0.0304	0.00845	0.515	0.242	0.00117	57.2	0.0000671	0.00281	0.00158	0.00406	0.0797	0.0000256	4.21	29.4	0.114	0.0155	202	0.0301	0.0186	0.000253	0.00331	0.000812	0.438	0.000118	0.00205	0.0243	0.00244	0.000692
2033 Nov	2860	0.419	1.49	0.0456	539	0.119	391	0.00438	0.00438	0.0000105	0.0469	0.0122	0.742	0.422	0.00208	41.8	0.0000578	0.0045	0.00238	0.00345	0.121	0.0000212	4.26	21.6	0.0949	0.0236	184	0.0279	0.0179	0.00043	0.00461	0.000833	0.424	0.000208	0.00272	0.0422	0.00204	0.00123
2033 Dec	2370	0.344	1.21	0.0383	497	0.115	317	0.00551	0.00551	0.0000135	0.0576	0.0148	0.895	0.539	0.00267	33.3	0.0000532	0.00561	0.00291	0.00315	0.147	0.0000189	4.37	17.4	0.0856	0.0289	178	0.0273	0.0163	0.000545	0.00549	0.000866	0.424	0.000267	0.00318	0.0539	0.00183	0.00158
2034 Jan	2050	0.293	1.02	0.0334	470	0.112	267	0.00628	0.00628	0.0000154	0.0648	0.0166	0.998	0.617	0.00307	27.6	0.0000503	0.00636	0.00326	0.00295	0.165	0.0000174	4.44	14.6	0.0795	0.0325	174	0.0269	0.0153	0.000623	0.00609	0.000888	0.425	0.000307	0.00349	0.0618	0.00169	0.00182
2034 Feb	1830	0.259	0.888	0.0301	452	0.111	234	0.0068	0.0068	0.0000168	0.0697	0.0177	1.07	0.671	0.00334	23.7	0.0000483	0.00687	0.00351	0.00282	0.177	0.0000164	4.49	12.8	0.0754	0.0349	171	0.0266	0.0146	0.000676	0.00649	0.000903	0.425	0.000334	0.0037	0.0671	0.00159	0.00198
2034 Mar	1670	0.233	0.791	0.0276	438	0.109	209	0.00719	0.00719	0.0000178	0.0735	0.0186	1.12	0.711	0.00354	20.8	0.0000468	0.00725	0.00369	0.00272	0.186	0.0000156	4.53	11.3	0.0724	0.0368	169	0.0264	0.014	0.000716	0.0068	0.000915	0.426	0.000354	0.00386	0.0711	0.00152	0.0021
2034 Apr	1540	0.213	0.715	0.0257	428	0.109	189	0.00752	0.00752	0.0000186	0.0766	0.0194	1.17	0.745	0.00371	18.5	0.0000456	0.00757	0.00384	0.00264	0.193	0.000015	4.58	10.2	0.07	0.0383	168	0.0263	0.0136	0.000749	0.00706	0.000926	0.427	0.000371	0.00399	0.0745	0.00146	0.0022
2034 May	1490	0.206	0.688	0.025	423	0.108	182	0.0076	0.0076	0.0000188	0.0773	0.0232	1.17	0.753	0.00375	18.2	0.0000454	0.00765	0.00389	0.00262	0.197	0.0000148	4.6	9.91	0.071	0.0387	167	0.0262	0.0141	0.000775	0.00712	0.000928	0.428	0.000375	0.00402	0.0753	0.00146	0.00223
2034 Jun	2090	0.297	1.04	0.0338	464	0.108	274	0.00586	0.00586	0.0000143	0.0603	0.0188	0.929	0.574	0.00283	31.4	0.000051	0.00594	0.00311	0.00299	0.164	0.0000177	4.44	15.4	0.0925	0.0302	169	0.0262	0.0176	0.000702	0.00571	0.000863	0.427	0.000284	0.00327	0.0572	0.00183	0.00168
2034 Jul	2650	0.368	1.34	0.0429	572	0.129	352	0.00668	0.00668	0.0000165	0.0694	0.0217	1.09	0.661	0.00328	36.3	0.0000601	0.00685	0.00356	0.00356	0.179	0.0000209	5.11	19.3	0.103	0.0351	206	0.0318	0.014	0.000721	0.00667	0.00102	0.497	0.000328	0.00383	0.0662	0.00206	0.00195
2034 Aug	2520	0.34	1.24	0.0411	597	0.138	325	0.00833	0.00833	0.0000208	0.0859	0.0268	1.34	0.832	0.00415	31.1	0.0000616	0.00854	0.00437	0.0036	0.215	0.0000205	5.63	17.6	0.1	0.0436	223	0.0345	0.0107	0.000847	0.00815	0.00116	0.541	0.000415	0.00464	0.0834	0.00197	0.00246
2034 Sep	3670	0.527	1.94	0.0584	661	0.137	508	0.00433	0.00433	0.0000106	0.0476	0.0149	0.782	0.424	0.00209	52.5	0.000069	0.00461	0.00247	0.00413	0.12	0.0000251	4.81	27.8	0.117	0.0245	221	0.0333	0.0138	0.000435	0.0049	0.00096	0.491	0.00021	0.00292	0.0427	0.00239	0.00124
2034 Oct	3200	0.472	1.69	0.0508	572	0.123	443	0.00371	0.00371	0.0000882	0.0407	0.0111	0.655	0.353	0.00173	47.7	0.0000613	0.00386	0.00207	0.00368	0.106	0.0000229	4.24	24.5	0.102	0.0205	190	0.0287	0.0188	0.000363	0.00411	0.000823	0.429	0.000174	0.00246	0.0354	0.0022	0.00103
2034 Nov	2180	0.317	1.1	0.0353	476	0.113	288	0.00581	0.00581	0.0000142	0.0603	0.0156	0.928	0.567	0.00281	30.4	0.0000513	0.00587	0.00303	0.00303	0.154	0.0000181	4.36	15.8	0.0815	0.0301	173	0.0266	0.0171	0.000573	0.00568	0.000862	0.419	0.000282	0.00327	0.0567	0.00176	0.00167
2034 Dec	1740	0.247	0.837	0.0287	440	0.11	221	0.00688	0.00688	0.0000169	0.0704	0.018	1.07	0.678	0.00337	22.5	0.0000473	0.00693	0.00353	0.00276	0.179	0.000016	4.47	12	0.0732	0.0352	168	0.0261	0.0154	0.000682	0.00652	0.000896	0.421	0.000337	0.00371	0.0678	0.00156	0.002
2035 Jan	1590	0.223	0.745	0.0264	427	0.108	197	0.00726	0.00726	0.0000179	0.074	0.0188	1.13	0.717	0.00357	19.8	0.0000459	0.0073	0.00371	0.00267	0.187	0.0000153	4.51	10.7	0.0703	0.037	166	0.026	0.0147	0.000721	0.00682	0.000908	0.422	0.000357	0.00387	0.0717	0.00149	0.00212
2035 Feb	1590	0.223	0.745	0.0264	427	0.108	197	0.00725	0.00725	0.0000179	0.074	0.0188	1.12	0.716	0.00356	19.8	0.0000458	0.00729	0.00371	0.00267	0.187	0.0000153	4.51	10.7	0.0704	0.037	166	0.026	0.0148	0.000721	0.00682	0.000908	0.422	0.000357	0.00386	0.0716	0.00149	0.00212
2035 Mar	1590	0.223	0.745	0.0264	427	0.108	197	0.00725	0.00725	0.0000179	0.0739	0.0188	1.12	0.716	0.00356	19.8	0.0000458	0.00729	0.00371	0.00267	0.187	0.0000153	4.51	10.7	0.0705	0.0369	166	0.026	0.0148	0.000721	0.00682	0.000907	0.422	0.000357	0.00386	0.0716	0.00149	0.00212
2035 Apr	1590	0.224	0.747	0.0264	428	0.109	197	0.00727	0.00727	0.00018	0.0742	0.0189	1.13	0.718	0.00357	19.9	0.000046	0.00731	0.00372	0.00267	0.188	0.0000153	4.52	10.7	0.0707	0.0371	167	0.026	0.0149	0.000724	0.00684	0.00091	0.423	0.000358	0.00387	0.0718	0.0015	0.00212
2035 May	1680	0.235	0.789	0.0276	440	0.111	210	0.00728	0.00728	0.00018	0.0743	0.0232	1.13	0.718	0.00357	21.3	0.0000474	0.00732	0.00373	0.00276	0.188	0.0000159	4.6	11.4	0.0735	0.0371	170	0.0266	0.0151	0.000727	0.00687	0.000924	0.431	0.000358	0.00389	0.0718	0.00155	0.00212
2035 Jun	3340	0.429	1.59	0.0475	522	0.116	465	0.00304	0.00304	0.0000703	0.0338	0.0137	0.553	0.282	0.00137	51.4	0.000064	0.00318	0.00177	0.0037	0.0951	0.0000238	4.12	25.9	0.113	0.0169	171	0.0281	0.0193	0.000381	0.00356	0.00787	0.42	0.000138	0.00214	0.0283	0.00253	0.00081
2035 Jul	6290	0.787	3.02	0.087	869	0.18	893	0.00173	0.00173	0.0000395	0.0248	0.017	0.5	0.159	0.000747	93.5	0.000103	0.00226	0.00144	0.00614	0.0661	0.0000389	5.71	49.2	0.184	0.0138	269	0.0447	0.0153	0.000234	0.00343	0.00113	0.621	0.000076	0.00222	0.0166	0.00386	0.000441
2035 Aug	7820	0.971	3.76	0.107	1040	0.208	1120	0.000638	0.000638	0.0000151	0.0162	0.0142	0.425	0.0626	0.000266	114	0.00012	0.00145	0.00109	0.00728	0.038	0.0000455	6.3	61.2	0.218	0.0106	315	0.0525	0.0081	0.000106	0.00305	0.00127	0.707	0.000028	0.00211	0.00733	0.00432	0.000155
2035 Sep	5490	0.708	2.63	0.0751	721	0.154	785	0.000343	0.000343	0.0000354	0.0101	0.00715	0.252	0.0152	0.0000253	84	0.0000862	0.000735	0.000628	0.00528	0.0283	0.0000338	4.52	43.4	0.153	0.00593	217	0.0363	0.0183	0.0000339	0.00185	0.000866	0.499	0.00000381	0.00134	0.00192	0.0032	0.0000123
2035 Oct	5940	0.758	2.85	0.0812	779	0.162	849	0.000235	0.000235	0.0000242	0.00978	0.00689	0.267	0.0111	0.00000862	89.4	0.000092	0.00074	0.00065	0.00562	0.0253	0.0000356	4.76	46.8	0.164	0.00619	234	0.0391	0.0146	0.0000299	0.00196	0.000929	0.532	0.00000221	0.00143	0.00169	0.00335	0.00000248
2035 Nov	5710	0.731	2.74	0.078	748	0.157	816	0.000246	0.000246	0.0000236	0.00957	0.00521	0.256	0.0108	0.00000669	86.3	0.0000887	0.000712	0.000626	0.00542	0.0254	0.0000345	4.6	45	0.158	0.00595	224	0.0376	0.0154	0.0000287	0.00188	0.000894	0.513	0.00000189	0.00137	0.0016	0.00324	0.00000137

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
2035 Dec	5600	0.72	2.69	0.0766	734	0.155	801	0.000261	0.000261	0.0000241	0.00955	0.00514	0.251	0.0109	0.00000666	85	0.0000873	0.000703	0.000616	0.00534	0.0258	0.000034	4.54	44.2	0.155	0.00585	220	0.0369	0.0162	0.0000285	0.00185	0.000877	0.505	0.0000019	0.00135	0.0157	0.0032	0.00000134
2036 Jan	5580	0.717	2.68	0.0762	731	0.154	797	0.000264	0.000264	0.0000242	0.00954	0.00512	0.25	0.011	0.00000665	84.7	0.000087	0.000701	0.000616	0.00532	0.0261	0.0000339	4.53	44	0.155	0.00582	219	0.0368	0.0164	0.00003	0.00184	0.000874	0.503	0.0000019	0.00134	0.00157	0.00319	0.00000134
2036 Feb	5560	0.716	2.67	0.0761	730	0.154	795	0.000266	0.000266	0.0000243	0.00953	0.00511	0.25	0.0112	0.00000665	84.7	0.0000869	0.000701	0.000617	0.00531	0.0265	0.0000338	4.52	43.9	0.155	0.00581	219	0.0367	0.0165	0.0000321	0.00184	0.000872	0.503	0.0000019	0.00134	0.00157	0.00319	0.00000133
2036 Mar	5560	0.715	2.67	0.0759	729	0.153	794	0.000267	0.000267	0.0000243	0.00953	0.00511	0.249	0.0113	0.00000665	84.6	0.0000868	0.000701	0.000618	0.00531	0.0268	0.0000338	4.52	43.9	0.155	0.0058	219	0.0366	0.0166	0.0000335	0.00183	0.000871	0.502	0.0000019	0.00134	0.00157	0.00319	0.00000133
2036 Apr	5610	0.721	2.69	0.0766	735	0.155	802	0.000268	0.000268	0.0000245	0.00961	0.0117	0.252	0.0114	0.00000668	85.5	0.0000876	0.000708	0.000625	0.00536	0.0271	0.0000341	4.57	44.3	0.157	0.00586	220	0.037	0.0167	0.0000348	0.00185	0.000879	0.507	0.0000019	0.00135	0.00159	0.00322	0.00000133
2036 May	5840	0.746	2.79	0.0794	762	0.161	834	0.000272	0.000272	0.0000251	0.00993	0.0297	0.262	0.0117	0.00000685	88.8	0.0000911	0.000736	0.00065	0.00557	0.0279	0.0000354	4.74	46.1	0.163	0.00609	228	0.0385	0.017	0.0000367	0.00193	0.000915	0.528	0.0000019	0.0014	0.00165	0.00334	0.00000135
2036 Jun	5000	0.562	2.16	0.0616	589	0.136	715	0.000366	0.000366	0.0000275	0.00932	0.00889	0.225	0.00998	0.00000499	76.2	0.0000825	0.000653	0.000559	0.00478	0.028	0.0000317	4.13	39.5	0.142	0.00513	177	0.0331	0.0184	0.0000579	0.00172	0.00079	0.453	0.0000018	0.0012	0.0015	0.00333	0.000000226
2036 Jul	6990	0.757	2.94	0.0836	800	0.185	999	0.000226	0.000226	0.0000324	0.0106	0.00981	0.311	0.0103	0.00000503	103	0.0000108	0.000844	0.000748	0.00651	0.027	0.0000415	5.5	54.9	0.194	0.00712	240	0.046	0.0121	0.0000522	0.00233	0.00109	0.618	0.0000019	0.00166	0.0192	0.00404	1.23E-09
2036 Aug	8360	0.905	3.51	0.1	957	0.22	1200	0.000201	0.000201	0.0000252	0.0122	0.0165	0.372	0.0116	0.00000567	123	0.000127	0.000997	0.000889	0.00775	0.0293	0.000049	6.53	65.6	0.231	0.00852	287	0.055	0.0113	0.0000544	0.00278	0.0013	0.736	0.00000213	0.00199	0.00226	0.00468	7.9E-10
2036 Sep	7750	0.842	3.26	0.0926	886	0.202	1110	0.0000955	0.0000955	0.0000189	0.0108	0.0119	0.344	0.00977	0.0000048	113	0.000117	0.000913	0.000816	0.00713	0.0232	0.0000445	5.98	60.7	0.213	0.0079	266	0.0509	0.00682	0.0000379	0.00256	0.00121	0.679	0.00000179	0.00184	0.00207	0.00417	2.03E-10
2036 Oct	5730	0.647	2.41	0.0686	657	0.158	820	0.000268	0.000268	0.0000238	0.00976	0.00657	0.257	0.0108	0.00000453	87	0.0000895	0.000715	0.000629	0.00547	0.0266	0.0000349	4.65	45.2	0.159	0.00596	197	0.0378	0.0168	0.0000294	0.00189	0.000898	0.517	0.0000172	0.00138	0.00156	0.00329	3.56E-11
2036 Nov	5490	0.624	2.3	0.0657	630	0.153	785	0.000294	0.000294	0.0000246	0.00967	0.00551	0.246	0.0109	0.00000453	83.9	0.0000862	0.000692	0.000607	0.00527	0.0272	0.0000337	4.49	43.4	0.152	0.00573	189	0.0362	0.0183	0.0000287	0.00181	0.000861	0.497	0.0000172	0.00132	0.0015	0.00319	2.51E-11
2036 Dec	5200	0.597	2.18	0.0622	597	0.147	743	0.000328	0.000328	0.0000258	0.00958	0.00508	0.233	0.0112	0.00000453	80.2	0.0000824	0.000665	0.000581	0.00504	0.0281	0.0000324	4.31	41.1	0.145	0.00545	179	0.0343	0

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2039 Dec	682	0.0777	0.281	0.00876	66.4	0.0408	97	0.000924	0.000924	0.00000474	0.00361	0.000626	0.033	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131	0.0167	0.00000479	1.32	6.21	0.023	0.000741	21.5	0.00478	0.0068	0.0000599	0.000244	0.000141	0.0878	0.00000198	0.000171	0.000266	0.00114	1.56E-13
2040 Jan	682	0.0777	0.281	0.00876	66.4	0.0408	97	0.000924	0.000924	0.00000474	0.00361	0.000626	0.033	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131	0.0167	0.00000479	1.32	6.21	0.023	0.000741	21.5	0.00478	0.0068	0.0000599	0.000244	0.000141	0.0878	0.00000198	0.000171	0.000266	0.00114	1.56E-13
2040 Feb	682	0.0777	0.281	0.00876	66.4	0.0408	97	0.000924	0.000924	0.00000474	0.00361	0.000626	0.033	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131	0.0167	0.00000479	1.32	6.21	0.023	0.000741	21.5	0.00478	0.0068	0.00006	0.000244	0.000141	0.0878	0.00000198	0.000171	0.000266	0.00114	1.56E-13
2040 Mar	682	0.0777	0.281	0.00876	66.4	0.0408	97	0.000924	0.000924	0.00000474	0.00362	0.000626	0.033	0.00844	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131	0.0167	0.00000479	1.32	6.21	0.023	0.000741	21.5	0.00478	0.0068	0.00006	0.000244	0.000141	0.0878	0.00000198	0.000171	0.000266	0.00114	1.56E-13
2040 Apr	682	0.0778	0.281	0.00876	66.4	0.0408	97.1	0.000924	0.000924	0.00000474	0.00362	0.000627	0.033	0.00845	0.00000499	16.4	0.0000152	0.00014	0.000155	0.00131	0.0167	0.00000479	1.32	6.21	0.023	0.000741	21.5	0.00478	0.0068	0.00006	0.000244	0.000141	0.0878	0.00000198	0.000171	0.000266	0.00114	1.56E-13
2040 May	685	0.0781	0.282	0.0088	66.6	0.0409	97.5	0.000925	0.000925	0.00000475	0.00362	0.000629	0.0332	0.00848	0.00000499	16.4	0.0000153	0.000141	0.000155	0.00131	0.0168	0.00000481	1.33	6.24	0.0231	0.000744	21.6	0.0048	0.00684	0.0000606	0.000245	0.000141	0.0882	0.00000199	0.000172	0.000267	0.00114	1.56E-13
2040 Jun	711	0.0814	0.293	0.00911	67.6	0.0413	101	0.000918	0.000918	0.00000472	0.00367	0.000653	0.0343	0.00869	0.00000497	17	0.0000158	0.000148	0.000161	0.00133	0.0176	0.00000504	1.35	6.46	0.0246	0.000771	21.9	0.00498	0.00725	0.0000674	0.000255	0.000146	0.0913	0.00000198	0.000179	0.000284	0.00116	1.48E-13
2040 Jul	692	0.0792	0.286	0.00889	65.4	0.041	98.5	0.000923	0.000923	0.00000473	0.00363	0.000639	0.0334	0.00861	0.00000499	16.6	0.0000155	0.000148	0.000157	0.00132	0.0175	0.00000491	1.33	6.3	0.0239	0.000752	21.2	0.00486	0.00709	0.0000663	0.000249	0.000143	0.0892	0.00000198	0.000174	0.000277	0.00115	1.38E-13
2040 Aug	671	0.0767	0.276	0.00863	63.2	0.0405	95.5	0.000927	0.000927	0.00000475	0.00361	0.000624	0.0325	0.00855	0.000005	16.3	0.0000151	0.000144	0.000154	0.0013	0.0172	0.00000475	1.31	6.13	0.0231	0.00073	20.6	0.00472	0.00692	0.0000643	0.000241	0.00014	0.0872	0.00000199	0.000169	0.000269	0.00114	1.3E-13
2040 Sep	649	0.0743	0.267	0.00838	61	0.0401	92.4	0.00093	0.00093	0.00000476	0.00358	0.000609	0.0316	0.00851	0.000005	16	0.0000148	0.000138	0.000152	0.00128	0.0169	0.0000046	1.3	5.96	0.0223	0.000708	19.9	0.00457	0.00678	0.0000622	0.000233	0.000136	0.0853	0.00000199	0.000164	0.00026	0.00112	1.22E-13
2040 Oct	636	0.0728	0.262	0.00822	59.8	0.0398	90.5	0.000932	0.000932	0.00000477	0.00357	0.0006	0.031	0.00849	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127	0.0168	0.00000451	1.3	5.86	0.0219	0.000694	19.6	0.00448	0.00673	0.0000616	0.000229	0.000134	0.0842	0.00000199	0.00016	0.000255	0.00112	1.19E-13
2040 Nov	636	0.0728	0.262	0.00822	59.8	0.0398	90.5	0.000932	0.000932	0.00000477	0.00357	0.0006	0.031	0.00849	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127	0.0168	0.00000451	1.3	5.86	0.0219	0.000695	19.6	0.00448	0.00673	0.0000617	0.000229	0.000134	0.0842	0.00000199	0.000161	0.000255	0.00112	1.19E-13
2040 Dec	636	0.0728	0.262	0.00822	59.8	0.0398	90.5	0.000932	0.000932	0.00000477	0.00357	0.0006	0.031	0.00849	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127	0.0168	0.00000451	1.3	5.86	0.0219	0.000695	19.6	0.00448	0.00673	0.0000617	0.000229	0.000134	0.0842	0.00000199	0.000161	0.000255	0.00112	1.19E-13
2041 Jan	636	0.0728	0.262	0.00822	59.8	0.0398	90.5	0.000933	0.000933	0.00000477	0.00357	0.0006	0.031	0.00849	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127	0.0168	0.00000451	1.3	5.86	0.0219	0.000695	19.6	0.00448	0.00673	0.0000617	0.000229	0.000134	0.0842	0.00000199	0.000161	0.000255	0.00112	1.19E-13
2041 Feb	636	0.0728	0.262	0.00822	59.8	0.0398	90.5	0.000933	0.000933	0.00000477	0.00357	0.0006	0.031	0.00849	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127	0.0168	0.00000451	1.3	5.86	0.0219	0.000695	19.6	0.00448	0.00673	0.0000617	0.000229	0.000134	0.0842	0.00000199	0.000161	0.000255	0.00112	1.19E-13
2041 Mar	636	0.0728	0.262	0.00822	59.8	0.0398	90.5	0.000933	0.000933	0.00000477	0.00357	0.0006	0.031	0.0085	0.000005	15.8	0.0000145	0.000135	0.000151	0.00127	0.0168	0.00000451	1.3	5.86	0.0219	0.000695	19.6	0.00448	0.00673	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000255	0.00112	1.19E-13
2041 Apr	636	0.0729	0.262	0.00823	59.9	0.0398	90.5	0.000933	0.000933	0.00000477	0.00357	0.0006	0.031	0.0085	0.000005	15.8	0.0000146	0.000136	0.000151	0.00127	0.0168	0.00000451	1.3	5.87	0.0219	0.000695	19.6	0.00448	0.00674	0.0000617	0.000229	0.000134	0.0843	0.00000199	0.000161	0.000256	0.00112	1.19E-13
2041 May	638	0.073	0.263	0.00824	60	0.0399	90.8	0.000934	0.000934	0.00000478	0.00357	0.000601	0.0311	0.00851	0.0000501	15.8	0.0000146	0.000136	0.000152	0.00127	0.0168	0.00000452	1.3	5.88	0.022	0.000696	19.6	0.00449	0.00674	0.0000618	0.000229	0.000135	0.0844	0.00000199	0.000161	0.000256	0.00112	1.19E-13
2041 Jun	641	0.0733	0.264	0.00828	59.4	0.0398	91.2	0.00093	0.00093	0.00000476	0.00359	0.000605	0.0312	0.00847	0.0000499	15.8	0.0000147	0.000138	0.000151	0.00127	0.0169	0.00000459	1.29	5.89	0.022	0.000699	19.4	0.00451	0.00695	0.0000616	0.000231	0.000135	0.0845	0.00000199	0.000162	0.000259	0.00113	1.14E-13
2041 Jul	642	0.0733	0.264	0.00829	58.4	0.0397	91.3	0.000925	0.000925	0.00000474	0.00358	0.000603	0.0312	0.00838	0.0000497	15.8	0.0000147	0.000139	0.000149	0.00127	0.0168	0.00000461	1.29	5.89	0.0219	0.0007	19.1	0.00452	0.00694	0.0000608	0.000232	0.000135	0.0842	0.00000198	0.000162	0.000259	0.00112	1.07E-13
2041 Aug	622	0.0711	0.256	0.00806	56.6	0.0394	88.5	0.000932	0.000932	0.00000477	0.00356	0.000591	0.0304	0.00837	0.0000499	15.5	0.0000144	0.000137	0.000147	0.00126	0.0167	0.00000448	1.28	5.74	0.0213	0.00068	18.6	0.00439	0.00684	0.0000596	0.000225	0.000132	0.0824	0.00000199	0.000157	0.000252	0.00112	1.02E-13
2041 Sep	603	0.069	0.248	0.00784	55	0.039	85.8	0.000935	0.000935	0.00000478	0.00354	0.000579	0.0296	0.00834	0.000005	15.2	0.0000141	0.000132	0.000146	0.00124	0.0165	0.00000435	1.27	5.6	0.0207	0.000661	18.1	0.00427	0.00673	0.0000582	0.000219	0.000129	0.0809	0.00000199	0.000153	0.000245	0.00111	9.75E-14
2041 Oct	595	0.0681	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.00669	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	9.52E-14
2041 Nov	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.53	0.0204	0.000653	17.9	0.00421	0.00669	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	9.53E-14
2041 Dec	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.54	0.0204	0.000653	17.9	0.00421	0.0067	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	9.53E-14
2042 Jan	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.54	0.0204	0.000653	17.9	0.00421	0.0067	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	9.53E-14
2042 Feb	595	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.54	0.0204	0.000653	17.9	0.00421	0.0067	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	9.53E-14
2042 Mar	596	0.0682	0.245	0.00774	54.2	0.0388	84.7	0.000936	0.000936	0.00000478	0.00353	0.000573	0.0292	0.00833	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.54	0.0204	0.000653	17.9	0.00421	0.0067	0.0000578	0.000216	0.000128	0.0802	0.00000199	0.000151	0.000242	0.0011	9.53E-14
2042 Apr	596	0.0682	0.245	0.00775	54.2	0.0388	84.8	0.000936	0.000936	0.00000479	0.00354	0.000573	0.0293	0.00834	0.000005	15.1	0.000014	0.00013	0.000145	0.00123	0.0164	0.00000429	1.26	5.54	0.0204	0.000653	17.9	0.00422	0.0067	0.0000579	0.000216	0.000128	0.0803	0.00000199	0.000151	0.000242	0.0011	9.53E-14
2042 May	598	0.0684	0.246	0.00777	54.4	0.0389	85	0.000938	0.000938	0.0000048	0.00354	0.000575	0.0293	0.00835	0.0000501	15.2	0.000014	0.00013	0.000145	0.00124	0.0164	0.00000431	1.27	5.55	0.0205	0.000655	17.9	0.00423	0.00671	0.0000578	0.000217	0.000128	0.0805	0.00002	0.000151	0.000243	0.00111	9.55E-14
2042 Jun	546	0.0654	0.223	0.00713	49.9	0.0376	77.3	0.00095	0.00095	0.00000484	0.00392	0.000655	0.0275	0.00961	0.0000504	15.4	0.0000147	0.000145	0.000157	0.0012	0.0212	0.00000491	1.27	5.24	0.0226	0.000611	16.5	0.00395	0.0111	0.0000859	0.000216	0.000123	0.0816	0.00000201	0.000143	0.000287	0.00119	8.44E-14
2042 Jul	494	0.0619	0.201	0.0065	45.5	0.0364	69.6	0.00096	0.00096	0.00000489	0.0042	0.000714	0.0255	0.0106	0.00000506	15.5	0.0000151	0.000156	0.000165	0.00117	0.0251	0.00000533	1.26	4.92	0.024	0.000565	15.2	0.00366	0.0145	0.000108	0.000212	0.000117	0.0815	0.00000202	0.000134	0.000318	0.00125	7.38E-14
2042 Aug	453	0.0589	0.184	0.006	42.1	0.0354	63.6	0.000966	0.000966	0.00000491	0.00439	0.000751	0.024	0.0113	0.00000507	15.4	0.0000152	0.000162	0.000169	0.00114	0.0276	0.00000559	1.26	4.65	0.0247	0.000528	14.1	0.00342	0.0169	0.000122	0.000206	0.000112	0.081	0.00000202	0.000126	0.000336	0.00128	6.61E-14
2042 Sep	428	0.0567	0.173	0.00569	40.1	0.0348	59.9	0.00097	0.00097	0.00000492	0.00445	0.00076	0.023	0.0115	0.00000507	15.3	0.0000151	0.000162	0.000171	0.00112	0.0285	0.00000564	1.25	4.47	0.0247	0.000505	13.5	0.00327	0.0178	0.000127	0.000201	0.000108	0.0801	0.00000202	0.000121	0.00034	0.00129	6.16E-14
2042 Oct	414	0.0556	0.167	0.00553	39	0.0345	58	0.00097	0.00097	0.00000492	0.00449	0.000766	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000567	1.24	4.38	0.0247	0.000493	13.2	0.00318	0.0184	0.00013	0.000198	0.000106	0.0796	0.00000202	0.000119	0.000342	0.0013	5.93E-14
2042 Nov	414	0.0556	0.167	0.00553	39	0.0345	58	0.000971	0.000971	0.00000492	0.00449	0.000767	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000568	1.24	4.38	0.0247	0.000493	13.1	0.00318	0.0184	0.00013	0.000199	0.000106	0.0796	0.00000202	0.000119	0.000343	0.0013	5.93E-14
2042 Dec	414	0.0556	0.167	0.00553	39	0.0345	58	0.000971	0.000971	0.00000492	0.00449	0.000767	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000568	1.24	4.38	0.0247	0.000493	13.1	0.00318	0.0184	0.00013	0.000199	0.000106	0.0796	0.00000202	0.000119	0.000343	0.0013	5.93E-14
2043 Jan	414	0.0556	0.167	0.00553	39	0.0345	58	0.000971	0.000971	0.00000492	0.00449	0.000767	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000568	1.24	4.38	0.0247	0.000493	13.1	0.00318	0.0184	0.00013	0.000199	0.000106	0.0797	0.00000202	0.000119	0.000343	0.0013	5.93E-14
2043 Feb	414	0.0556	0.167	0.00553	39	0.0345	58	0.000971	0.000971	0.00000492	0.00449	0.000767	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000568	1.24	4.38	0.0247	0.000493	13.1	0.00318	0.0184	0.00013	0.000199	0.000106	0.0797	0.00000202	0.000119	0.000343	0.0013	5.93E-14
2043 Mar	414	0.0556	0.167	0.00553	39	0.0345	58	0.000971	0.000971	0.00000492	0.00449	0.000767	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000568	1.24	4.38	0.0247	0.000493	13.2	0.00318	0.0184	0.00013	0.000199	0.000106	0.0797	0.00000202	0.000119	0.000343	0.0013	5.93E-14
2043 Apr	414	0.0557	0.167	0.00553	39	0.0345	58	0.000971	0.000971	0.00000493	0.0045	0.000768	0.0225	0.0117	0.00000507	15.2	0.0000151	0.000162	0.000171	0.00111	0.029	0.00000568	1.25	4.38	0.0247	0.000493	13.2	0.00318	0.0184	0.00013	0.000199	0.000106	0.0797	0.00000202	0.000119	0.000343	0.0013	5.93E-14
2043 May	414	0.0557	0.167	0.00552	39	0.0346	57.9	0.000973	0.000973	0.00000494	0.00451	0.000771	0.0225	0.0117	0.00000508	15.3	0.0000151	0.000163	0.000172	0.00111	0.0292	0.00000571	1.25	4.38	0.0249	0.000493	13.2	0.00318	0.0186	0.000131	0.000199	0.000107	0.0799	0.00000203	0.000119	0.000345	0.0013	5.92E-14
2043 Jun	357	0.0532	0.142	0.0048	34.6	0.0332	49.3	0.000982	0.000982	0.00000497	0.00495	0.000873	0.0205	0.0135	0.00000509	15.8	0.0000159	0.000181	0.00019	0.00108	0.0354	0.00000646	1.26	4.06	0.0281	0.000447	11.7	0.00288	0.0239	0.000169	0.000198	0.000101	0.0826	0.00000203	0.00011	0.0004	0.00139	4.94E-14
2043 Jul	353	0.0533	0.141	0.00476	34.4	0.0332	48.8	0.000987	0.000987	0.00000499	0.00501	0.000886	0.0204	0.0137	0.00000511	15.9	0.000016	0.000184	0.000192	0.00108	0.0361	0.00000656	1.27	4.05	0.0285	0.000445	11.7	0.00287	0.0245	0.000173	0.000199	0.000101	0.0832	0.00000204	0.00011	0.000407	0.00141	4.87E-14
2043 Aug	355	0.0535	0.141	0.00478	34.5	0.0333	49	0.000991	0.000991	0.00000501	0.00503	0.00089	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0362	0.00000659	1.27	4.07	0.0286	0.000448	11.7	0.00288	0.0246	0.000174	0.0002	0.000102	0.0835	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2043 Sep	356	0.0536	0.142	0.00479	34.6	0.0334	49.1	0.000992	0.000992	0.00000502	0.00503	0.000891	0.0205	0.0137	0.00000514	16	0.0000161	0.000185	0.000193	0.00108	0.0363	0.0000066	1.28	4.08	0.0287	0.000448	11.7	0.00289	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000409	0.00141	4.89E-14
2043 Oct	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0363	0.0000066	1.27	4.08	0.0287	0.000449	11.7	0.00289	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2043 Nov	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0362	0.0000066	1.27	4.08	0.0286	0.000449	11.7	0.00288	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2043 Dec	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0362	0.0000066	1.27	4.08	0.0286	0.000449	11.7	0.00288	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2044 Jan	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0363	0.0000066	1.27	4.08	0.0286	0.000449	11.7	0.00288	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2044 Feb	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0363	0.0000066	1.27	4.08	0.0286	0.000449	11.7	0.00288	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2044 Mar	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0363	0.0000066	1.27	4.08	0.0286	0.000449	11.7	0.00289	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2044 Apr	356	0.0537	0.142	0.00479	34.5	0.0334	49.1	0.000991	0.000991	0.00000501	0.00503	0.000891	0.0205	0.0137	0.00000513	16	0.0000161	0.000185	0.000193	0.00108	0.0363	0.0000066	1.27	4.08	0.0287	0.000449	11.7	0.00289	0.0246	0.000174	0.0002	0.000102	0.0836	0.00000205	0.00011	0.000408	0.00141	4.89E-14
2044 May	356	0.0538	0.142	0.0048	34.6	0.0334	49.2	0.000993	0.000993	0.00000502	0.00504	0.000892	0.0206	0.0138	0.00000514	16.1	0.0000161	0.000185	0.000193	0.00108	0.0363	0.00000661	1.28	4.09	0.0287	0.00045	11.7	0.00289	0.0247	0.000174	0.0002	0.000102	0.0837	0.00000205	0.000111	0.000409	0.

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2047 Jun	157	0.0482	0.0591	0.0024	24.1	0.0288	16.3	0.00106	0.00104	0.00000537	0.00632	0.00106	0.0138	0.0166	0.00000529	15.6	0.0000179	0.000218	0.000207	0.000915	0.0483	0.00000831	1.34	2.53	0.0305	0.000272	9.61	0.00179	0.0382	0.000225	0.000189	0.0000758	0.0894	0.00000212	0.0000743	0.000508	0.00168	0.0000721
2047 Jul	158	0.0485	0.0595	0.00242	24.2	0.0289	16.5	0.00106	0.00105	0.00000539	0.00635	0.00107	0.0139	0.0167	0.00000531	15.6	0.000018	0.000219	0.000208	0.000919	0.0485	0.00000835	1.35	2.54	0.0306	0.000274	9.66	0.0018	0.0384	0.000226	0.00019	0.0000762	0.0899	0.00000213	0.0000747	0.000511	0.00169	0.0000726
2047 Aug	159	0.0487	0.0599	0.00243	24.4	0.0291	16.6	0.00107	0.00105	0.00000541	0.00637	0.00107	0.014	0.0168	0.00000534	15.7	0.000018	0.00022	0.000209	0.000924	0.0487	0.00000838	1.35	2.56	0.0308	0.000276	9.71	0.00181	0.0386	0.000227	0.00019	0.0000766	0.0903	0.00000214	0.0000753	0.000513	0.0017	0.0000729
2047 Sep	160	0.0488	0.0602	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.00000541	0.00637	0.00107	0.014	0.0168	0.00000533	15.7	0.000018	0.00022	0.000209	0.000924	0.0487	0.00000838	1.35	2.56	0.0308	0.000276	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0903	0.00000214	0.0000753	0.000513	0.0017	0.0000728
2047 Oct	160	0.0488	0.0603	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.00000541	0.00636	0.00107	0.014	0.0167	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.56	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0902	0.00000214	0.0000753	0.000512	0.0017	0.0000727
2047 Nov	160	0.0488	0.0603	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.00000541	0.00636	0.00107	0.014	0.0167	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.56	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0902	0.00000214	0.0000753	0.000512	0.0017	0.0000727
2047 Dec	160	0.0489	0.0603	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.0000054	0.00636	0.00107	0.014	0.0167	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.56	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0902	0.00000214	0.0000753	0.000512	0.0017	0.0000727
2048 Jan	160	0.0489	0.0603	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.0000054	0.00636	0.00107	0.014	0.0167	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.56	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0902	0.00000214	0.0000753	0.000512	0.0017	0.0000727
2048 Feb	160	0.0489	0.0603	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.0000054	0.00636	0.00107	0.014	0.0167	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.56	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0903	0.00000214	0.0000753	0.000512	0.0017	0.0000727
2048 Mar	160	0.0489	0.0603	0.00244	24.4	0.0291	16.7	0.00106	0.00105	0.0000054	0.00636	0.00107	0.014	0.0167	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.56	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000766	0.0903	0.00000214	0.0000753	0.000512	0.0017	0.0000727
2048 Apr	160	0.0489	0.0604	0.00244	24.4	0.0291	16.8	0.00106	0.00105	0.0000054	0.00637	0.00107	0.014	0.0168	0.00000533	15.7	0.000018	0.00022	0.000209	0.000923	0.0486	0.00000838	1.35	2.57	0.0307	0.000277	9.71	0.00182	0.0385	0.000226	0.00019	0.0000767	0.0903	0.00000214	0.0000754	0.000512	0.0017	0.0000727
2048 May	161	0.0489	0.0605	0.00245	24.4	0.0291	16.8	0.00106	0.00105	0.00000541	0.00637	0.00107	0.014	0.0168	0.00000534	15.7	0.0000181	0.00022	0.000209	0.000925	0.0487	0.00000839	1.35	2.57	0.0308	0.000277	9.72	0.00182	0.0386	0.000227	0.00019	0.0000768	0.0904	0.00000214	0.0000755	0.000513	0.0017	0.0000728
2048 Jun	153	0.0493	0.0582	0.00237	24.8	0.0287	15.1	0.00106	0.00105	0.00000541	0.0063	0.00105	0.0137	0.0165	0.00000531	15.4	0.0000178	0.000217	0.000205	0.00091	0.0478	0.0000082	1.36	2.46	0.03	0.000266	10.1	0.00177	0.0379	0.000222	0.00188	0.000075	0.0905	0.00000213	0.0000732	0.000504	0.00168	0.0000858
2048 Jul	147	0.0496	0.0566	0.00231	25.2	0.0283	13.7	0.00106	0.00104	0.00000541	0.00621	0.00102	0.0134	0.0162	0.00000528	15.1	0.0000175	0.000213	0.000201	0.000895	0.0467	0.00000798	1.36	2.35	0.0291	0.000257	10.4	0.00173	0.037	0.000215	0.000185	0.0000733	0.0904	0.00000212	0.0000711	0.000493	0.00166	0.0000991
2048 Aug	148	0.0497	0.057	0.00232	25.3	0.0284	13.8	0.00106	0.00104	0.00000542	0.00623	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000897	0.0468	0.000008	1.37	2.36	0.0291	0.000258	10.5	0.00174	0.0371	0.000216	0.000185	0.0000736	0.0907	0.00000213	0.0000714	0.000494	0.00167	0.0000993
2048 Sep	149	0.0498	0.0573	0.00233	25.3	0.0284	13.9	0.00106	0.00104	0.00000542	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.00000801	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.0371	0.000216	0.000186	0.0000737	0.0907	0.00000213	0.0000715	0.000494	0.00167	0.0000992
2048 Oct	149	0.0498	0.0574	0.00233	25.3	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.000008	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.037	0.000215	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000991
2048 Nov	149	0.0499	0.0574	0.00233	25.3	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.000008	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.0371	0.000215	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000991
2048 Dec	149	0.0499	0.0574	0.00233	25.3	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.000008	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.0371	0.000215	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000991
2049 Jan	149	0.0499	0.0574	0.00233	25.3	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.000008	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.0371	0.000215	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000991
2049 Feb	149	0.0499	0.0574	0.00233	25.3	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.000008	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.0371	0.000215	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000991
2049 Mar	149	0.0499	0.0574	0.00233	25.3	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.000008	1.37	2.36	0.0291	0.000259	10.5	0.00174	0.0371	0.000215	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000991
2049 Apr	149	0.0499	0.0575	0.00233	25.4	0.0284	14	0.00106	0.00104	0.00000541	0.00622	0.00103	0.0135	0.0162	0.00000529	15.1	0.0000175	0.000213	0.000201	0.000898	0.0468	0.00000801	1.37	2.36	0.0291	0.000259	10.5	0.00175	0.0371	0.000216	0.000186	0.0000737	0.0907	0.00000213	0.0000716	0.000494	0.00166	0.0000992
2049 May	150	0.05	0.0576	0.00234	25.4	0.0285	14	0.00106	0.00104	0.00000542	0.00623	0.00103	0.0136	0.0162	0.0000053	15.1	0.0000176	0.000213	0.000201	0.000899	0.0469	0.00000802	1.37	2.37	0.0292	0.00026	10.5	0.00175	0.0371	0.000216	0.000186	0.0000738	0.0908	0.00000213	0.0000718	0.000495	0.00167	0.0000993
2049 Jun	146	0.0495	0.0573	0.00231	25.8	0.0281	13	0.00105	0.00103	0.00000539	0.00608	0.000983	0.0134	0.0154	0.00000524	14.4	0.0000171	0.000204	0.000189	0.000876	0.0443	0.00000771	1.35	2.23	0.0269	0.000251	10.9	0.00171	0.0355	0.000197	0.000181	0.0000713	0.0888	0.00000211	0.0000699	0.000468	0.00163	0.000112
2049 Jul	145	0.0493	0.0578	0.00231	26.2	0.0279	12.6	0.00105	0.00102	0.00000536	0.00595	0.0009951	0.0133	0.0148	0.00000052	13.9	0.0000167	0.000198	0.00018	0.00086	0.0424	0.00000747	1.34	2.15	0.0253	0.000247	11.1	0.00169	0.0343	0.000183	0.000177	0.0000698	0.0874	0.00000209	0.0000689	0.000448	0.0016	0.00012
2049 Aug	146	0.0496	0.0582	0.00233	26.4	0.0281	12.7	0.00105	0.00103	0.00000538	0.00598	0.00956	0.0134	0.0149	0.00000523	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.16	0.0254	0.000248	11.2	0.0017	0.0345	0.000184	0.000178	0.0000702	0.0878	0.00000211	0.0000693	0.000451	0.00161	0.000121
2049 Sep	146	0.0496	0.0585	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000538	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.000249	11.2	0.0017	0.0345	0.000184	0.000179	0.0000702	0.0879	0.0000021	0.0000695	0.000451	0.00161	0.000121
2049 Oct	147	0.0497	0.0586	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000537	0.00598	0.00955	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.000249	11.2	0.0017	0.0344	0.000184	0.000179	0.0000702	0.0878	0.0000021	0.0000695	0.00045	0.00161	0.00012
2049 Nov	147	0.0497	0.0587	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000537	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0344	0.000184	0.000179	0.0000703	0.0878	0.0000021	0.0000696	0.00045	0.00161	0.00012
2049 Dec	147	0.0497	0.0587	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000537	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0344	0.000184	0.000179	0.0000703	0.0878	0.0000021	0.0000696	0.00045	0.00161	0.00012
2050 Jan	147	0.0497	0.0587	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000538	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0344	0.000184	0.000179	0.0000703	0.0878	0.0000021	0.0000696	0.00045	0.00161	0.00012
2050 Feb	147	0.0497	0.0587	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000538	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0344	0.000184	0.000179	0.0000703	0.0878	0.0000021	0.0000696	0.00045	0.00161	0.00012
2050 Mar	147	0.0497	0.0587	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000538	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0345	0.000184	0.000179	0.0000703	0.0878	0.0000021	0.0000696	0.00045	0.00161	0.00012
2050 Apr	147	0.0497	0.0587	0.00234	26.4	0.0281	12.8	0.00105	0.00103	0.00000538	0.00598	0.00956	0.0134	0.0148	0.00000522	14	0.0000168	0.000199	0.000181	0.000865	0.0426	0.00000751	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0345	0.000184	0.000179	0.0000703	0.0879	0.0000021	0.0000696	0.00045	0.00161	0.00012
2050 May	147	0.0498	0.0588	0.00235	26.4	0.0281	12.9	0.00105	0.00103	0.00000538	0.00599	0.00957	0.0134	0.0149	0.00000523	14	0.0000168	0.000199	0.000181	0.000866	0.0426	0.00000752	1.35	2.17	0.0254	0.00025	11.2	0.00171	0.0345	0.000184	0.000179	0.0000704	0.088	0.0000021	0.0000697	0.000451	0.00161	0.000121
2050 Jun	146	0.0496	0.0591	0.00235	26.6	0.028	12.6	0.00105	0.00102	0.00000537	0.00593	0.00938	0.0134	0.0145	0.00000529	13.7	0.0000166	0.000196	0.000175	0.000857	0.0415	0.00000744	1.34	2.12	0.0243	0.000248	11.3	0.0017	0.0339	0.000175	0.000177	0.0000693	0.0869	0.0000021	0.0000693	0.000438	0.0016	0.000125
2050 Jul	146	0.0495	0.0596	0.00235	26.8	0.0279	12.4	0.00105	0.00102	0.00000535	0.00586	0.00917	0.0134	0.014	0.00000518	13.4	0.0000164	0.000191	0.000168	0.000847	0.0401	0.00000726	1.33	2.07	0.0231	0.000246	11.5	0.00169	0.0331	0.000164	0.000175	0.0000682	0.0857	0.00000209	0.0000689	0.000424	0.00158	0.000129
2050 Aug	147	0.0497	0.06	0.00237	26.9	0.028	12.5	0.00105	0.00102	0.00000536	0.00588	0.00892	0.0135	0.0141	0.00000519	13.4	0.0000165	0.000192	0.000169	0.00085	0.0403	0.00000728	1.34	2.08	0.0232	0.000247	11.5	0.00169	0.0332	0.000165	0.000175	0.0000685	0.086	0.00000209	0.0000693	0.000426	0.00159	0.00013
2050 Sep	147	0.0497	0.0602	0.00237	26.9	0.028	12.6	0.00105	0.00102	0.00000537	0.00588	0.00892	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000851	0.0403	0.00000729	1.34	2.08	0.0232	0.000248	11.5	0.0017	0.0332	0.000165	0.000176	0.0000686	0.0861	0.0000021	0.0000694	0.000426	0.00159	0.00013
2050 Oct	147	0.0498	0.0603	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00921	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.00000731	1.34	2.08	0.0232	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000687	0.0862	0.0000021	0.0000695	0.000426	0.00159	0.00013
2050 Nov	148	0.0498	0.0603	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00921	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.0000073	1.34	2.08	0.0233	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000687	0.0862	0.0000021	0.0000695	0.000427	0.00159	0.00013
2050 Dec	148	0.0498	0.0603	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00921	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.0000073	1.34	2.08	0.0233	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000687	0.0862	0.0000021	0.0000695	0.000427	0.00159	0.00013
2051 Jan	148	0.0498	0.0603	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00921	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.0000073	1.34	2.08	0.0233	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000687	0.0862	0.0000021	0.0000695	0.000427	0.00159	0.00013
2051 Feb	148	0.0498	0.0603	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00922	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.0000073	1.34	2.08	0.0233	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000687	0.0862	0.0000021	0.0000695	0.000427	0.00159	0.00013
2051 Mar	148	0.0498	0.0603	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00922	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.0000073	1.34	2.08	0.0233	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000687	0.0862	0.0000021	0.0000695	0.000427	0.00159	0.00013
2051 Apr	148	0.0498	0.0604	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000537	0.00589	0.00922	0.0135	0.0141	0.00000052	13.4	0.0000165	0.000192	0.000169	0.000852	0.0403	0.0000073	1.34	2.08	0.0233	0.000248	11.6	0.0017	0.0332	0.000165	0.000176	0.0000688	0.0862	0.0000021	0.0000696	0.000427	0.00159	0.00013
2051 May	148	0.0499	0.0605	0.00238	27	0.0281	12.6	0.00105	0.00102	0.00000538	0.0059	0.00923	0.0135	0.0141	0.00000521	13.5	0.0000165	0.000193	0.000169	0.000853	0.0404	0.00000731	1.34	2.09	0.0233	0.000249	11.6	0.0017	0.0333	0.000165	0.000176	0.0000688	0.0864	0.0000021	0.0000697	0.000427	0.00159	0.00013
2051 Jun	146	0.0499	0.061	0.00237	27.4	0.0277	12.1	0.00105	0.00101	0.00000534	0.00577	0.000909	0.0134	0.014	0.00000517	13.3	0.0000162	0.000192	0.00017	0.000847	0.0398	0.00000709	1.35	2.06	0.0233	0.000243	11.8	0.00169	0.0323	0.000167	0.000174	0.0000686	0.0867	0.00000209	0.0000695	0.000423	0.00156	0.000136
2051 Jul	146	0.05	0.062	0.00239	27.7	0.0276	12.1	0.00104	0.00101	0.00000532	0.00568	0.000896	0.0134	0.0138	0.00000514	13.2	0.000016	0.00019	0.000168	0.000842	0.0391	0.00000694	1.35	2.04	0.023	0.000241	12	0.00169	0.0316	0.000164	0.000172	0.0000684	0.0866	0.00000208	0.0000696	0.000416	0.00154	0.00014
2051 Aug	147	0.0501	0.0624	0.0024	27.8	0.0276	12.2	0.00104	0.00101	0.00000533	0.00569	0.000898	0.0134	0.0138	0.00000514	13.2	0.000016	0.00019	0.000168	0.000844	0.0392	0.00000696	1.35	2.04	0.023	0.000243	12	0.0017	0.0316	0.000164	0.000172	0.0000686	0.0868	0.00000208	0.0000698	0.000417	0.00155	0.00014
2051 Sep	148	0.0503	0.0628	0.00241	27.8	0.0277	12.3	0.00104	0.00101	0.00000532	0.00568	0.000896	0.0135	0.0138	0.00000514	13.2	0.000016	0.00019	0.000167	0.000843	0.039	0.00000694	1.35	2.05	0.0229	0.000244	12	0.0017	0.0315	0.000163	0.000172	0.0000686	0.0867	0.00000208	0.00007	0.000415	0.00154	0.00014
2051 Oct	148	0.051	0.0636	0.00242	28	0.0277	12.3	0.00104	0.000999	0.00000528	0.00559	0.000883	0.0134	0.0136	0.00000509	13	0.0000156	0.000187	0.000164	0.000839	0.0381	0.00000679	1.35	2.02	0.0222	0.000247	12.2	0.00169	0.0309	0.000157	0.000168	0.0000681	0.0862	0.00000206	0.0000703	0.000402	0.00151	0.000143
2051 Nov	148	0.0511	0.0637	0.00242	28.1	0.0278	12.3	0.00104	0.000998	0.00000528	0.00558	0.000882	0.0134	0.0135	0.00000509	13	0.0000156	0.000187	0.000164	0.000839	0.038	0.00000678	1.35	2.02	0.0222	0.000247	12.

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2054 Dec	158	0.0573	0.0707	0.00257	30	0.0289	13.6	0.00106	0.00101	0.00000535	0.00553	0.000945	0.014	0.0152	0.00000516	14.4	0.0000153	0.000204	0.000192	0.000895	0.0416	0.00000674	1.45	2.26	0.0269	0.000272	13	0.00181	0.0312	0.000196	0.000165	0.0000747	0.0953	0.00000209	0.0000772	0.000431	0.00147	0.000149
2055 Jan	158	0.0573	0.0707	0.00257	30	0.0289	13.6	0.00106	0.00101	0.00000535	0.00553	0.000946	0.014	0.0152	0.00000516	14.4	0.0000153	0.000204	0.000192	0.000895	0.0416	0.00000674	1.45	2.26	0.0269	0.000272	13	0.00181	0.0312	0.000196	0.000165	0.0000747	0.0953	0.00000209	0.0000772	0.000431	0.00147	0.000149
2055 Feb	158	0.0573	0.0707	0.00257	30	0.0289	13.6	0.00106	0.00101	0.00000535	0.00553	0.000946	0.014	0.0152	0.00000516	14.4	0.0000153	0.000204	0.000192	0.000895	0.0416	0.00000674	1.45	2.26	0.0269	0.000272	13	0.00181	0.0312	0.000196	0.000165	0.0000747	0.0953	0.00000209	0.0000772	0.000431	0.00147	0.000149
2055 Mar	158	0.0573	0.0707	0.00257	30	0.0289	13.6	0.00106	0.00101	0.00000535	0.00553	0.000946	0.014	0.0152	0.00000516	14.4	0.0000153	0.000204	0.000192	0.000895	0.0416	0.00000674	1.45	2.26	0.0269	0.000272	13	0.00181	0.0312	0.000196	0.000165	0.0000747	0.0953	0.00000209	0.0000772	0.000431	0.00147	0.000149
2055 Apr	158	0.0573	0.0707	0.00257	30	0.0289	13.6	0.00106	0.00101	0.00000535	0.00553	0.000946	0.014	0.0152	0.00000516	14.4	0.0000153	0.000204	0.000192	0.000895	0.0416	0.00000674	1.45	2.26	0.0269	0.000272	13	0.00181	0.0312	0.000196	0.000165	0.0000747	0.0953	0.00000209	0.0000772	0.000431	0.00147	0.000149
2055 May	158	0.0574	0.0708	0.00257	30.1	0.0289	13.6	0.00106	0.00101	0.00000536	0.00554	0.000947	0.014	0.0152	0.00000517	14.5	0.0000153	0.000205	0.000193	0.000897	0.0416	0.00000675	1.45	2.27	0.0269	0.000272	13	0.00181	0.0312	0.000197	0.000166	0.0000748	0.0954	0.00000209	0.0000773	0.000432	0.00148	0.00015
2055 Jun	153	0.0563	0.0697	0.00253	29.6	0.0288	13.1	0.00106	0.00101	0.00000537	0.00557	0.000956	0.014	0.0153	0.00000518	14.5	0.0000154	0.000209	0.000194	0.000894	0.0421	0.00000681	1.46	2.25	0.0273	0.000268	12.8	0.00179	0.0315	0.0002	0.000167	0.0000748	0.0954	0.0000021	0.000078	0.000437	0.00149	0.000146
2055 Jul	152	0.0558	0.0701	0.00253	29.5	0.0287	12.9	0.00107	0.00101	0.00000536	0.00556	0.000955	0.014	0.0152	0.00000518	14.4	0.0000154	0.00021	0.000192	0.000891	0.0418	0.00000679	1.46	2.24	0.0271	0.000267	12.8	0.00179	0.0314	0.000198	0.000167	0.0000747	0.0951	0.00000221	0.0000786	0.000436	0.00149	0.000146
2055 Aug	153	0.056	0.0705	0.00254	29.6	0.0288	13	0.00107	0.00102	0.00000538	0.00558	0.000958	0.014	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000895	0.0419	0.00000682	1.46	2.25	0.0272	0.000268	12.9	0.0018	0.0315	0.000199	0.000168	0.0000751	0.0954	0.00000211	0.000079	0.000437	0.0015	0.000147
2055 Sep	153	0.0561	0.0708	0.00255	29.6	0.0289	13.1	0.00107	0.00102	0.00000538	0.00558	0.000959	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000895	0.042	0.00000682	1.46	2.25	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000752	0.0955	0.00000211	0.0000791	0.000438	0.0015	0.000147
2055 Oct	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000538	0.00558	0.000959	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000752	0.0955	0.00000211	0.0000792	0.000438	0.0015	0.000147
2055 Nov	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000538	0.00559	0.000959	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000753	0.0956	0.00000211	0.0000793	0.000438	0.0015	0.000147
2055 Dec	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000538	0.00559	0.000959	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000753	0.0956	0.00000211	0.0000793	0.000438	0.0015	0.000147
2056 Jan	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000539	0.00559	0.00096	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000753	0.0956	0.00000211	0.0000793	0.000438	0.0015	0.000147
2056 Feb	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000539	0.00559	0.00096	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000753	0.0956	0.00000211	0.0000793	0.000438	0.0015	0.000147
2056 Mar	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000539	0.00559	0.00096	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000753	0.0956	0.00000211	0.0000793	0.000438	0.0015	0.000147
2056 Apr	154	0.0562	0.0709	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000539	0.00559	0.00096	0.0141	0.0153	0.00000552	14.5	0.0000155	0.000211	0.000193	0.000896	0.042	0.00000683	1.46	2.26	0.0272	0.000269	12.9	0.0018	0.0315	0.000199	0.000168	0.0000753	0.0956	0.00000211	0.0000793	0.000438	0.0015	0.000147
2056 May	154	0.0563	0.0711	0.00256	29.7	0.0289	13.2	0.00107	0.00102	0.00000539	0.0056	0.000963	0.0141	0.0153	0.00000521	14.5	0.0000155	0.000212	0.000195	0.000898	0.0422	0.00000684	1.47	2.27	0.0274	0.00027	12.9	0.00181	0.0316	0.000201	0.000169	0.0000755	0.0959	0.00000212	0.0000795	0.00044	0.0015	0.000147
2056 Jun	154	0.0569	0.0717	0.00256	29.8	0.0287	13.3	0.00107	0.00102	0.00000538	0.00557	0.000982	0.0141	0.0159	0.0000052	15	0.0000156	0.000219	0.000205	0.000907	0.0435	0.00000683	1.49	2.33	0.0293	0.000269	12.9	0.00182	0.0317	0.000218	0.00017	0.0000773	0.0982	0.00000211	0.0000806	0.000457	0.0015	0.000146
2056 Jul	155	0.0572	0.0722	0.00257	30	0.0288	13.4	0.00108	0.00102	0.0000054	0.00559	0.000988	0.0142	0.016	0.00000522	15.1	0.0000156	0.000221	0.000207	0.000912	0.0439	0.00000686	1.5	2.35	0.0297	0.000271	13	0.00183	0.0318	0.00022	0.000171	0.0000779	0.0989	0.00000212	0.0000811	0.000461	0.0015	0.000146
2056 Aug	156	0.0574	0.0727	0.00259	30.1	0.0289	13.5	0.00108	0.00102	0.00000541	0.0056	0.00099	0.0142	0.0161	0.00000523	15.1	0.0000157	0.000221	0.000208	0.000915	0.0439	0.00000688	1.5	2.36	0.0297	0.000272	13	0.00184	0.0319	0.000221	0.000171	0.0000781	0.0992	0.00000212	0.0000815	0.000462	0.00151	0.000146
2056 Sep	156	0.0575	0.073	0.0026	30.2	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000993	0.0143	0.0161	0.00000524	15.2	0.0000157	0.000222	0.000208	0.000917	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13.1	0.00185	0.032	0.000221	0.000172	0.0000783	0.0994	0.00000213	0.0000817	0.000463	0.00151	0.000147
2056 Oct	157	0.0575	0.0731	0.0026	30.1	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.1	0.0000157	0.000222	0.000208	0.000916	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13	0.00185	0.032	0.000221	0.000172	0.0000783	0.0993	0.00000213	0.0000818	0.000463	0.00151	0.000146
2056 Nov	157	0.0575	0.0731	0.0026	30.1	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.1	0.0000157	0.000222	0.000208	0.000916	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13	0.00185	0.032	0.000221	0.000172	0.0000783	0.0993	0.00000213	0.0000818	0.000463	0.00151	0.000146
2056 Dec	157	0.0575	0.0731	0.0026	30.1	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.1	0.0000157	0.000222	0.000208	0.000916	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13	0.00185	0.032	0.000221	0.000172	0.0000783	0.0993	0.00000213	0.0000818	0.000463	0.00151	0.000146
2057 Jan	157	0.0575	0.0731	0.0026	30.1	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.1	0.0000157	0.000222	0.000208	0.000916	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13	0.00185	0.032	0.000221	0.000172	0.0000783	0.0993	0.00000213	0.0000818	0.000463	0.00151	0.000146
2057 Feb	157	0.0575	0.0731	0.0026	30.1	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.1	0.0000157	0.000222	0.000208	0.000916	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13	0.00185	0.032	0.000221	0.000172	0.0000783	0.0993	0.00000213	0.0000818	0.000463	0.00151	0.000146
2057 Mar	157	0.0575	0.0731	0.0026	30.1	0.029	13.6	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.1	0.0000157	0.000222	0.000208	0.000917	0.044	0.00000689	1.51	2.37	0.0298	0.000273	13	0.00185	0.032	0.000221	0.000172	0.0000783	0.0994	0.00000213	0.0000818	0.000463	0.00151	0.000146
2057 Apr	157	0.0576	0.0732	0.0026	30.2	0.029	13.7	0.00108	0.00102	0.00000542	0.00561	0.000992	0.0143	0.0161	0.00000524	15.2	0.0000157	0.000222	0.000208	0.000917	0.044	0.00000689	1.51	2.37	0.0298	0.000274	13.1	0.00185	0.032	0.000221	0.000172	0.0000784	0.0994	0.00000213	0.0000818	0.000463	0.00151	0.000146
2057 May	157	0.0577	0.0733	0.00261	30.2	0.029	13.7	0.00108	0.00103	0.00000543	0.00562	0.000994	0.0143	0.0161	0.00000525	15.2	0.0000157	0.000222	0.000208	0.000918	0.0441	0.0000069	1.51	2.37	0.0298	0.000274	13.1	0.00185	0.032	0.000221	0.000172	0.0000785	0.0995	0.00000213	0.0000819	0.000464	0.00151	0.000147
2057 Jun	155	0.0578	0.073	0.00259	30.1	0.0289	13.6	0.00109	0.00103	0.00000543	0.00565	0.00102	0.0143	0.0166	0.00000526	15.6	0.0000159	0.000229	0.000217	0.000926	0.0455	0.00000698	1.53	2.42	0.0314	0.000273	13	0.00186	0.0325	0.000236	0.000174	0.0000799	0.101	0.00000214	0.0000829	0.000481	0.00152	0.000144
2057 Jul	156	0.058	0.0733	0.00259	30.1	0.029	13.6	0.00109	0.00103	0.00000545	0.00567	0.00102	0.0144	0.0168	0.00000527	15.7	0.000016	0.000231	0.00022	0.000931	0.046	0.00000701	1.54	2.44	0.0319	0.000274	13	0.00187	0.0327	0.00024	0.000175	0.0000805	0.102	0.00000214	0.0000834	0.000486	0.00153	0.000143
2057 Aug	157	0.0583	0.0738	0.00261	30.3	0.0291	13.7	0.0011	0.00104	0.00000548	0.0057	0.00103	0.0144	0.0169	0.00000553	15.8	0.0000161	0.000233	0.000221	0.000937	0.0462	0.00000706	1.55	2.46	0.0321	0.000276	13.1	0.00188	0.0329	0.000241	0.000176	0.000081	0.103	0.00000216	0.000084	0.000489	0.00154	0.000144
2057 Sep	157	0.0585	0.0741	0.00262	30.4	0.0292	13.8	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.46	0.0322	0.000277	13.1	0.00188	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000842	0.00049	0.00154	0.000144
2057 Oct	158	0.0585	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000843	0.00049	0.00154	0.000144
2057 Nov	158	0.0585	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000843	0.00049	0.00154	0.000144
2057 Dec	158	0.0585	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000843	0.00049	0.00154	0.000144
2058 Jan	158	0.0585	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000843	0.00049	0.00154	0.000144
2058 Feb	158	0.0585	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000843	0.00049	0.00154	0.000144
2058 Mar	158	0.0585	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00571	0.00103	0.0145	0.0169	0.00000531	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000843	0.00049	0.00154	0.000144
2058 Apr	158	0.0586	0.0743	0.00263	30.4	0.0292	13.9	0.0011	0.00104	0.00000549	0.00572	0.00103	0.0145	0.0169	0.00000532	15.8	0.0000161	0.000233	0.000221	0.000939	0.0463	0.00000707	1.55	2.47	0.0322	0.000277	13.1	0.00189	0.033	0.000242	0.000177	0.0000812	0.103	0.00000216	0.0000844	0.00049	0.00154	0.000144
2058 May	158	0.0588	0.0744	0.00263	30.4	0.0293	13.9	0.0011	0.00104	0.0000055	0.00574	0.00104	0.0145	0.0171	0.00000533	16	0.0000162	0.000235	0.000225	0.000944	0.0468	0.00000711	1.56	2.49	0.0328	0.000278	13.1	0.00189	0.0332	0.000247	0.000178	0.0000818	0.104	0.00000217	0.0000847	0.000496	0.00155	0.000144
2058 Jun	155	0.0604	0.0739	0.00258	30.5	0.0289	13.7	0.00111	0.00105	0.00000551	0.00578	0.00111	0.0144	0.0189	0.00000535	17.3	0.0000165	0.000256	0.000225	0.000975	0.0516	0.00000725	1.62	2.67	0.0384	0.000277	13.1	0.00192	0.0345	0.000298	0.000182	0.0000866	0.111	0.00000217	0.0000869	0.000553	0.00157	0.000138
2058 Jul	156	0.0608	0.0745	0.00259	30.6	0.0289	13.8	0.00111	0.00105	0.00000552	0.00577	0.00111	0.0145	0.0191	0.00000535	17.5	0.0000165	0.000259	0.000261	0.000981	0.0522	0.00000724	1.64	2.7	0.0392	0.000278	13.2	0.00193	0.0346	0.000304	0.000182	0.0000875	0.112	0.00000218	0.0000876	0.00056	0.00156	0.000138
2058 Aug	157	0.0611	0.0749	0.0026	30.8	0.029	13.9	0.00112	0.00105	0.00000553	0.00579	0.00112	0.0145	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000261	0.000984	0.0523	0.00000727	1.64	2.71	0.0394	0.00028	13.2	0.00194	0.0347	0.000306	0.000183	0.0000879	0.112	0.00000218	0.0000881	0.000562	0.00157	0.000139
2058 Sep	157	0.0612	0.0752	0.00261	30.8	0.029	14	0.00112	0.00105	0.00000554	0.00579	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000985	0.0524	0.00000727	1.64	2.72	0.0394	0.00028	13.2	0.00194	0.0347	0.000306	0.000183	0.000088	0.112	0.00000218	0.0000882	0.000562	0.00157	0.000139
2058 Oct	158	0.0612	0.0753	0.00261	30.8	0.029	14.1	0.00112	0.00105	0.00000553	0.00579	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000985	0.0523	0.00000727	1.64	2.72	0.0394	0.000281	13.2	0.00194	0.0347	0.000305	0.000184	0.000088	0.112	0.00000218	0.0000883	0.000562	0.00157	0.000139
2058 Nov	158	0.0612	0.0754	0.00262	30.8	0.0291	14.1	0.00112	0.00105	0.00000554	0.00581	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000986	0.0524	0.00000728	1.64	2.72	0.0394	0.000281	13.2	0.00195	0.0347	0.000306	0.000184	0.0000881	0.112	0.00000218	0.0000883	0.000562	0.00157	0.000139
2058 Dec	158	0.0612	0.0754	0.00262	30.8	0.0291	14.1	0.00112	0.00105	0.00000554	0.00581	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000986	0.0524	0.00000728	1.64	2.72	0.0394	0.000281	13.2	0.00195	0.0347	0.000306	0.000184	0.0000881	0.112	0.00000218	0.0000883	0.000562	0.00157	0.000139
2059 Jan	158	0.0612	0.0754	0.00262	30.8	0.0291	14.1	0.00112	0.00105	0.00000554	0.00581	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000986	0.0524	0.00000728	1.64	2.72	0.0394	0.000281	13.2	0.00195	0.0347	0.000306	0.000184	0.0000881	0.112	0.00000218	0.0000883	0.000562	0.00157	0.000139
2059 Feb	158	0.0612	0.0754	0.00262	30.8	0.0291	14.1	0.00112	0.00105	0.00000554	0.00581	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000986	0.0524	0.00000728	1.64	2.72	0.0394	0.000281	13.2	0.00195	0.0347	0.000306	0.000184	0.0000881	0.112	0.00000218	0.0000883	0.000562	0.00157	0.000139
2059 Mar	158	0.0612	0.0754	0.00262	30.8	0.0291	14.1	0.00112	0.00105	0.00000554	0.00581	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000986	0.0524	0.00000728	1.64	2.72	0.0394	0.000281	13.2	0.00195	0.0347	0.000306	0.000184	0.0000881	0.112	0.00000218	0.0000883	0.000562	0.00157	0.000139
2059 Apr	158	0.0613	0.0754	0.00262	30.8	0.0291	14.1	0.00112	0.00105	0.00000554	0.00581	0.00112	0.0146	0.0192	0.00000537	17.6	0.0000166	0.00026	0.000262	0.000986	0.0524	0.00000728	1.64	2.72	0.0394	0.000281	13.2	0.00195	0.0347	0.000306	0.000184	0.0000881	0.112	0.00000218	0.0000884	0.000562	0.00157	0.000139
2059 May	158	0.0613	0.0755	0.00262	30.9	0.0291	14.1	0.00112	0.00105	0.00000554	0.00582	0.00112	0.0146	0.0193	0.00000538	17.6	0.0000166	0.00026	0.000262	0.000987	0.0525	0.00000729	1.65	2.73	0.0395	0.000281	13.2	0.00195	0.0348	0.000306	0.000184	0.0000882	0.112	0.00000219

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2062 Jun	158	0.0682	0.0793	0.00266	31.5	0.0304	14.9	0.00116	0.00107	0.00000563	0.00599	0.00125	0.0153	0.0221	0.00000549	20	0.000017	0.000301	0.000308	0.00106	0.0594	0.00000764	1.78	3.07	0.0473	0.000314	13.4	0.00205	0.0374	0.000372	0.000186	0.0000973	0.124	0.00000224	0.0000989	0.000632	0.00158	0.00013
2062 Jul	156	0.0674	0.0797	0.00266	31.2	0.0304	14.8	0.00115	0.00107	0.00000561	0.00598	0.00124	0.0154	0.0215	0.00000547	19.6	0.0000169	0.000299	0.000298	0.00105	0.058	0.0000076	1.77	3.01	0.0457	0.000314	13.3	0.00204	0.037	0.000357	0.000185	0.0000959	0.122	0.00000223	0.0000997	0.000616	0.00158	0.000129
2062 Aug	157	0.0675	0.0801	0.00268	31.2	0.0304	14.9	0.00116	0.00107	0.00000562	0.00599	0.00124	0.0154	0.0216	0.00000548	19.6	0.000017	0.0003	0.000298	0.00105	0.0581	0.00000762	1.77	3.02	0.0458	0.000316	13.3	0.00204	0.0371	0.000357	0.000186	0.0000962	0.122	0.00000223	0.0001	0.000617	0.00158	0.000129
2062 Sep	158	0.0675	0.0804	0.00269	31.2	0.0304	15	0.00115	0.00107	0.00000561	0.00598	0.00124	0.0154	0.0215	0.00000547	19.6	0.000017	0.000299	0.000297	0.00105	0.0579	0.00000761	1.77	3.02	0.0456	0.000316	13.3	0.00205	0.037	0.000356	0.000185	0.0000961	0.122	0.00000223	0.0001	0.000615	0.00158	0.000129
2062 Oct	155	0.0666	0.0817	0.0027	30.8	0.0304	14.9	0.00114	0.00104	0.0000055	0.00582	0.00119	0.0155	0.02	0.00000536	18.5	0.0000163	0.00029	0.000273	0.00102	0.0537	0.00000732	1.71	2.87	0.0414	0.000321	13.2	0.00201	0.0353	0.000317	0.000177	0.0000924	0.117	0.00000219	0.000101	0.000565	0.00152	0.00013
2062 Nov	155	0.0666	0.0818	0.0027	30.8	0.0305	14.9	0.00114	0.00104	0.00000549	0.00581	0.00119	0.0155	0.02	0.00000536	18.4	0.0000163	0.00029	0.000272	0.00102	0.0535	0.00000731	1.71	2.86	0.0412	0.000321	13.2	0.00201	0.0352	0.000315	0.000177	0.0000923	0.116	0.00000219	0.000101	0.000562	0.00152	0.00013
2062 Dec	155	0.0666	0.0818	0.0027	30.8	0.0305	14.9	0.00114	0.00104	0.00000549	0.00581	0.00119	0.0155	0.02	0.00000536	18.4	0.0000163	0.00029	0.000272	0.00102	0.0535	0.00000731	1.71	2.86	0.0412	0.000321	13.2	0.00201	0.0352	0.000315	0.000177	0.0000923	0.116	0.00000219	0.000101	0.000562	0.00152	0.00013
2063 Jan	155	0.0666	0.0818	0.0027	30.8	0.0305	14.9	0.00114	0.00104	0.00000549	0.00581	0.00119	0.0155	0.02	0.00000536	18.4	0.0000163	0.00029	0.000272	0.00102	0.0535	0.00000731	1.71	2.86	0.0412	0.000321	13.2	0.00201	0.0352	0.000315	0.000177	0.0000923	0.116	0.00000219	0.000101	0.000562	0.00152	0.00013
2063 Feb	155	0.0666	0.0818	0.0027	30.8	0.0305	14.9	0.00114	0.00104	0.00000549	0.00581	0.00119	0.0155	0.02	0.00000536	18.4	0.0000163	0.00029	0.000272	0.00102	0.0535	0.00000731	1.71	2.86	0.0412	0.000321	13.2	0.00201	0.0352	0.000315	0.000177	0.0000923	0.116	0.00000219	0.000101	0.000562	0.00152	0.00013
2063 Mar	155	0.0666	0.0818	0.0027	30.8	0.0305	14.9	0.00114	0.00104	0.00000549	0.00581	0.00119	0.0155	0.02	0.00000536	18.4	0.0000163	0.00029	0.000272	0.00102	0.0535	0.00000731	1.71	2.86	0.0412	0.000321	13.2	0.00201	0.0352	0.000315	0.000177	0.0000923	0.116	0.00000219	0.000101	0.000562	0.00152	0.00013
2063 Apr	155	0.0666	0.0818	0.0027	30.8	0.0305	14.9	0.00114	0.00104	0.0000055	0.00581	0.00119	0.0155	0.02	0.00000536	18.4	0.0000163	0.00029	0.000272	0.00102	0.0535	0.00000731	1.71	2.86	0.0412	0.000321	13.2	0.00201	0.0352	0.000315	0.000177	0.0000923	0.116	0.00000219	0.000101	0.000562	0.00152	0.000131
2063 May	155	0.0667	0.0821	0.00271	30.8	0.0305	15	0.00114	0.00104	0.00000549	0.00581	0.00119	0.0156	0.0199	0.00000536	18.4	0.0000162	0.00029	0.000271	0.00101	0.0533	0.00000729	1.71	2.86	0.041	0.000323	13.2	0.00201	0.0351	0.000313	0.000176	0.0000922	0.116	0.00000219	0.000102	0.00056	0.00151	0.000131
2063 Jun	152	0.0655	0.0866	0.00275	30.4	0.0299	15.2	0.00111	0.000992	0.00000525	0.00543	0.00113	0.0158	0.0183	0.00000512	17.2	0.0000151	0.000287	0.000249	0.000973	0.0485	0.00000671	1.67	2.74	0.0374	0.000327	13.2	0.00199	0.0319	0.00028	0.000166	0.0000895	0.111	0.00000021	0.000106	0.000507	0.00141	0.000132
2063 Jul	153	0.065	0.0885	0.00279	30.5	0.0297	15.5	0.0011	0.000981	0.0000052	0.00533	0.00112	0.0159	0.0179	0.00000507	16.9	0.0000149	0.000286	0.000242	0.000963	0.0471	0.00000656	1.66	2.71	0.0364	0.000328	13.3	0.002	0.031	0.00027	0.000165	0.0000891	0.11	0.00000208	0.000107	0.000494	0.00139	0.000134
2063 Aug	154	0.0653	0.0891	0.00281	30.6	0.0298	15.6	0.00111	0.000986	0.00000522	0.00536	0.00113	0.016	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000968	0.0473	0.00000659	1.67	2.72	0.0365	0.00033	13.3	0.00201	0.0312	0.000271	0.000166	0.0000895	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2063 Sep	155	0.0654	0.0893	0.00281	30.7	0.0299	15.7	0.00111	0.000986	0.00000523	0.00536	0.00113	0.0161	0.018	0.00000511	17	0.000015	0.000288	0.000244	0.000969	0.0473	0.0000066	1.67	2.73	0.0366	0.00033	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2063 Oct	155	0.0654	0.0894	0.00282	30.6	0.0299	15.7	0.00111	0.000985	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000968	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2063 Nov	155	0.0654	0.0894	0.00282	30.6	0.0299	15.8	0.00111	0.000985	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000968	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2063 Dec	155	0.0655	0.0894	0.00282	30.6	0.0299	15.8	0.00111	0.000985	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000969	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2064 Jan	155	0.0655	0.0894	0.00282	30.6	0.0299	15.8	0.00111	0.000985	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000969	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2064 Feb	155	0.0655	0.0894	0.00282	30.6	0.0299	15.8	0.00111	0.000985	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000969	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2064 Mar	155	0.0655	0.0895	0.00282	30.6	0.0299	15.8	0.00111	0.000985	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000243	0.000969	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2064 Apr	155	0.0655	0.0895	0.00282	30.7	0.0299	15.8	0.00111	0.000986	0.00000522	0.00536	0.00113	0.0161	0.0179	0.00000509	17	0.000015	0.000288	0.000244	0.000969	0.0473	0.0000066	1.67	2.73	0.0365	0.000331	13.3	0.00201	0.0312	0.000271	0.000166	0.0000896	0.111	0.00000209	0.000108	0.000496	0.00139	0.000134
2064 May	156	0.0656	0.09	0.00283	30.7	0.0299	15.8	0.00111	0.000985	0.00000522	0.00535	0.00113	0.0161	0.018	0.00000509	17.1	0.000015	0.00029	0.000245	0.000971	0.0475	0.0000066	1.67	2.74	0.0369	0.000332	13.4	0.00202	0.0312	0.000274	0.000167	0.0000901	0.111	0.00000209	0.000109	0.000499	0.00139	0.000134
2064 Jun	156	0.0657	0.0936	0.00287	31	0.0295	16.3	0.00111	0.000969	0.00000514	0.00519	0.00115	0.0164	0.0183	0.00000502	17.3	0.0000147	0.000302	0.000253	0.000974	0.0478	0.00000642	1.7	2.81	0.0385	0.000335	13.5	0.00206	0.0302	0.000287	0.000167	0.0000926	0.113	0.00000206	0.000113	0.000508	0.00136	0.000134
2064 Jul	157	0.066	0.0943	0.00289	31.1	0.0296	16.4	0.00111	0.0000971	0.00000516	0.0052	0.00115	0.0165	0.0183	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00097	0.0479	0.00000643	1.71	2.83	0.0386	0.000337	13.6	0.00207	0.0303	0.000288	0.000168	0.000093	0.114	0.00000207	0.000113	0.000509	0.00137	0.000135
2064 Aug	158	0.0662	0.0948	0.00291	31.2	0.0297	16.6	0.00111	0.0000973	0.00000517	0.00521	0.00116	0.0166	0.0184	0.00000505	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000338	13.6	0.00208	0.0303	0.000289	0.000168	0.0000933	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2064 Sep	159	0.0662	0.095	0.00291	31.2	0.0297	16.7	0.00111	0.0000972	0.00000516	0.00521	0.00115	0.0166	0.0183	0.00000504	17.4	0.0000148	0.000304	0.000254	0.000979	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00208	0.0303	0.000288	0.000168	0.0000933	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2064 Oct	159	0.0663	0.0951	0.00292	31.2	0.0297	16.7	0.00111	0.0000972	0.00000516	0.00521	0.00116	0.0166	0.0184	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00208	0.0303	0.000288	0.000168	0.0000934	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2064 Nov	159	0.0663	0.0951	0.00292	31.2	0.0297	16.7	0.00111	0.0000973	0.00000516	0.00521	0.00116	0.0166	0.0184	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00209	0.0303	0.000288	0.000169	0.0000934	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2064 Dec	159	0.0663	0.0951	0.00292	31.2	0.0297	16.7	0.00111	0.0000973	0.00000517	0.00521	0.00116	0.0166	0.0184	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00209	0.0303	0.000288	0.000169	0.0000934	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2065 Jan	159	0.0663	0.0951	0.00292	31.2	0.0297	16.7	0.00111	0.0000973	0.00000517	0.00521	0.00116	0.0166	0.0184	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00209	0.0303	0.000288	0.000169	0.0000934	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2065 Feb	159	0.0663	0.0951	0.00292	31.2	0.0297	16.7	0.00111	0.0000973	0.00000517	0.00521	0.00116	0.0166	0.0184	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00209	0.0303	0.000288	0.000169	0.0000934	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2065 Mar	159	0.0663	0.0951	0.00292	31.2	0.0297	16.7	0.00111	0.0000973	0.00000517	0.00521	0.00116	0.0166	0.0184	0.00000504	17.4	0.0000148	0.000304	0.000254	0.00098	0.048	0.00000645	1.71	2.84	0.0387	0.000339	13.6	0.00209	0.0303	0.000288	0.000169	0.0000934	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2065 Apr	159	0.0663	0.0952	0.00292	31.2	0.0297	16.7	0.00111	0.0000973	0.00000517	0.00522	0.00116	0.0166	0.0184	0.00000505	17.4	0.0000148	0.000305	0.000254	0.000981	0.048	0.00000646	1.71	2.84	0.0387	0.000339	13.6	0.00209	0.0304	0.000288	0.000169	0.0000935	0.114	0.00000207	0.000114	0.00051	0.00137	0.000135
2065 May	160	0.0664	0.0953	0.00292	31.3	0.0297	16.8	0.00111	0.0000974	0.00000517	0.00522	0.00116	0.0167	0.0184	0.00000505	17.5	0.0000149	0.000305	0.000255	0.000982	0.0481	0.00000647	1.72	2.85	0.0388	0.00034	13.6	0.00209	0.0304	0.000289	0.000169	0.0000936	0.114	0.00000208	0.000114	0.00051	0.00137	0.000135
2065 Jun	161	0.0663	0.0971	0.00295	31.3	0.0298	17	0.00112	0.0000971	0.00000516	0.00518	0.00117	0.0169	0.0186	0.00000504	17.6	0.0000148	0.000313	0.000258	0.000983	0.0484	0.00000644	1.73	2.89	0.0396	0.000343	13.7	0.00211	0.0302	0.000295	0.000171	0.0000951	0.116	0.00000207	0.000117	0.000516	0.00137	0.000134
2065 Jul	161	0.0666	0.0982	0.00297	31.5	0.0299	17.2	0.00113	0.0000975	0.00000518	0.00519	0.00118	0.0171	0.0186	0.00000507	17.7	0.0000148	0.000317	0.00026	0.000991	0.0486	0.00000646	1.75	2.91	0.0398	0.000346	13.8	0.00213	0.0302	0.000296	0.000171	0.0000958	0.116	0.00000208	0.000118	0.000518	0.00137	0.000135
2065 Aug	162	0.0669	0.0988	0.00299	31.7	0.0301	17.3	0.00113	0.0000979	0.0000052	0.00521	0.00119	0.0172	0.0187	0.00000509	17.8	0.0000149	0.000318	0.000261	0.000996	0.0488	0.00000649	1.75	2.92	0.04	0.000348	13.8	0.00214	0.0304	0.000298	0.000172	0.0000963	0.117	0.00000209	0.000119	0.00052	0.00138	0.000136
2065 Sep	162	0.0669	0.099	0.003	31.6	0.03	17.4	0.00113	0.0000977	0.00000519	0.00521	0.00118	0.0172	0.0187	0.00000508	17.8	0.0000149	0.000317	0.00026	0.000995	0.0487	0.00000649	1.75	2.93	0.0399	0.000348	13.8	0.00214	0.0303	0.000297	0.000172	0.0000962	0.117	0.00000209	0.000119	0.000519	0.00137	0.000135
2065 Oct	162	0.0671	0.0992	0.003	31.5	0.0301	17.5	0.00113	0.0000975	0.00000518	0.0052	0.00118	0.0172	0.0185	0.00000506	17.7	0.0000148	0.000318	0.000258	0.000993	0.0483	0.00000648	1.75	2.92	0.0395	0.000351	13.8	0.00214	0.0302	0.000292	0.000171	0.0000959	0.116	0.00000208	0.00012	0.000513	0.00137	0.000135
2065 Nov	162	0.0673	0.0993	0.003	31.5	0.0302	17.5	0.00113	0.0000975	0.00000518	0.00521	0.00118	0.0173	0.0185	0.00000507	17.7	0.0000148	0.000318	0.000257	0.000993	0.0482	0.00000648	1.75	2.92	0.0393	0.000353	13.8	0.00215	0.0303	0.000291	0.00017	0.0000959	0.116	0.00000208	0.00012	0.000512	0.00136	0.000135
2066 Jan	162	0.0673	0.0993	0.003	31.5	0.0302	17.5	0.00113	0.0000975	0.00000518	0.00521	0.00118	0.0173	0.0185	0.00000507	17.7	0.0000148	0.000318	0.000257	0.000993	0.0482	0.00000648	1.75	2.92	0.0393	0.000353	13.8	0.00215	0.0303	0.000291	0.00017	0.0000959	0.116	0.00000208	0.00012	0.000512	0.00136	0.000135
2066 Feb	162	0.0673	0.0993	0.003	31.5	0.0302	17.5	0.00113	0.0000975	0.00000518	0.00521	0.00118	0.0173	0.0185	0.00000507	17.7	0.0000148	0.000318	0.000257	0.000993	0.0482	0.00000648	1.75	2.92	0.0393	0.000353	13.8	0.00215	0.0303	0.000291	0.00017	0.0000959	0.116	0.00000208	0.00012	0.000512	0.00136	0.000135
2066 Mar	162	0.0673	0.0994	0.003	31.5	0.0302	17.5	0.00113	0.0000975	0.00000518	0.00521	0.00118	0.0173	0.0185	0.00000507	17.7	0.0000148	0.000318	0.000257	0.000993	0.0482	0.00000648	1.75	2.92	0.0393	0.000353	13.8	0.00215	0.0303	0.000291	0.00017	0.0000959	0.116	0.00000208	0.00012	0.000512	0.00137	0.000135
2066 Apr	162	0.0673	0.0994	0.00301	31.5	0.0302	17.5	0.00113	0.0000975	0.00000518	0.00521	0.00118	0.0173	0.0185	0.00000507	17.7	0.0000148	0.000318	0.000257	0.000994	0.0482	0.00000648	1.75	2.92	0.0394	0.000353	13.8	0.00215	0.0303	0.000291	0.00017	0.000096	0.116	0.00000209	0.00012	0.000513	0.00137	0.000135
2066 May	162	0.0674	0.0995	0.00301	31.6	0.0303	17.5	0.00113	0.0000976	0.00000519	0.00521	0.00119	0.0173	0.0186	0.00000507	17.7	0.0000148	0.000319	0.000258	0.000995	0.0483	0.00000649	1.75	2.92	0.0394	0.000353	13.8	0.00215	0.0303	0.000291	0.00017	0.0000961	0.116	0.00000209	0.00012	0.000513	0.00137	0.000135
2066 Jun	157	0.0665	0.0995	0.003	30.8	0.0305	17.4	0.00114	0.0000973	0.00000517	0.00526	0.00118	0.0176	0.0178	0.00000507	17.2	0.0000149	0.000323	0.000244	0.000981	0.0465	0.00000653	1.73	2.85	0.0371	0.00036	13.5	0.00213	0.0302	0.000269	0.00017	0.0000945	0.113	0.00000208	0.000124	0.000491	0.00137	0.000131
2066 Jul	157	0.0664	0.101	0.00302	30.8	0.0307	17.5	0.00115	0.0000976	0.00000519	0.00528	0.00118	0.0179	0.0177	0.00000508	17.1	0.0000149	0.000326	0.000241	0.000982	0.0461	0.00000655	1.74	2.84	0.0366	0.000363	13.6	0.00215	0.0302	0.000264	0.00017	0.0000947	0.113	0.00000209	0.000125	0.000487	0.00137	0.000132
2066 Aug	159	0.0668	0.101	0.00304	31	0.0309	17.7	0.00115	0.0000981	0.00000521	0.0053	0.00119	0.0179	0.0178	0.00000511	17.2	0.000015	0.000327	0.000242	0.000986	0.0463	0.00000658	1.74	2.86	0.0368	0.000365	13.6	0.00216	0.0303	0.000265	0.000171	0.0000951	0.114	0.0000021	0.000126	0.000489	0.00138	0.000132
2066 Sep	159	0.0669	0.101	0.00305	31	0.0309	17.8	0.00115	0.0000981	0.00000521	0.00531	0.00119	0.018	0.0178	0.00000511	17.2	0.000015	0.000327	0.000242	0.000987	0.0463	0.00000659	1.74	2.87	0.0368	0.000366	13.6	0.00216	0.0303	0.000265	0.000172	0.0000953	0.114	0.0000021	0.000126	0.000489	0.00138	0.000132
2066 Oct	160	0.0669	0.102	0.00305	31	0.0309	17.8	0.00115	0.0000979	0.0000052	0.0053	0.00119	0.018	0.0177	0.00000051	17.2	0.000015	0.000327	0.000242	0.000987	0.0463	0.00000658	1.74	2.87	0.0367	0.000366	13.6	0.00216	0.0303	0.000264	0.000172	0.0000952	0.114	0.0000021	0.000126	0.000489	0.00138	0.000132
2066 Nov	160	0.0669	0.102	0.00305	31	0.0309	17.9	0.00115	0.0000979	0.0000052	0.0053	0.00119	0.018	0.0177	0.00000051	17.2	0.000015	0.000327	0.000242	0.000986	0.0462	0.00000658	1.74	2.87	0.0367	0.000366	13.6	0.00216	0.0303	0.000264	0.000172	0.0000952	0.113	0.0000021	0.000126	0.000488	0.00138	0.000132
2066 Dec	160	0.0669	0.102	0.00305	31	0.0309	17.9	0.00115	0.0000979	0.0000052	0.0053	0.00119	0.018	0.0177	0.00000051	17.2	0.000015	0.000327	0.000242	0.000986	0.0462	0.00000658	1.74	2.87	0.0367	0.000366	13.6	0.00216	0.0303	0.000264	0.000172	0.0000952	0.113	0.0000021	0.000126	0.000488	0.00138	0.000132
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Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2069 Dec	158	0.0686	0.104	0.00311	30.4	0.0323	18.8	0.00121	0.00102	0.00000539	0.00572	0.0013	0.0192	0.0191	0.00000532	18.5	0.0000163	0.000367	0.00026	0.00104	0.0506	0.00000729	1.83	3.08	0.0402	0.000392	13.3	0.00227	0.0337	0.00029	0.000186	0.000101	0.119	0.00000219	0.000138	0.000535	0.00148	0.000121
2070 Jan	158	0.0686	0.104	0.00311	30.4	0.0323	18.8	0.00121	0.00102	0.00000539	0.00572	0.0013	0.0192	0.0191	0.00000532	18.5	0.0000163	0.000367	0.00026	0.00104	0.0506	0.00000729	1.83	3.08	0.0402	0.000392	13.3	0.00227	0.0337	0.00029	0.000186	0.000101	0.119	0.00000219	0.000138	0.000535	0.00148	0.000121
2070 Feb	158	0.0686	0.104	0.00311	30.4	0.0323	18.8	0.00121	0.00102	0.00000539	0.00572	0.0013	0.0192	0.0191	0.00000532	18.5	0.0000163	0.000367	0.00026	0.00104	0.0506	0.00000729	1.83	3.07	0.0402	0.000392	13.3	0.00227	0.0337	0.00029	0.000186	0.000101	0.119	0.00000219	0.000138	0.000535	0.00148	0.000121
2070 Mar	158	0.0686	0.104	0.00311	30.4	0.0323	18.8	0.00121	0.00102	0.00000539	0.00572	0.0013	0.0192	0.0191	0.00000532	18.5	0.0000163	0.000367	0.00026	0.00104	0.0506	0.00000729	1.83	3.08	0.0402	0.000392	13.3	0.00227	0.0337	0.00029	0.000186	0.000101	0.119	0.00000219	0.000138	0.000535	0.00148	0.000121
2070 Apr	158	0.0687	0.104	0.00311	30.4	0.0323	18.8	0.00121	0.00102	0.00000539	0.00573	0.0013	0.0192	0.0191	0.00000532	18.5	0.0000163	0.000367	0.00026	0.00104	0.0506	0.00000729	1.83	3.08	0.0402	0.000392	13.3	0.00227	0.0337	0.00029	0.000186	0.000101	0.12	0.00000219	0.000138	0.000536	0.00148	0.000121
2070 May	158	0.0688	0.104	0.00311	30.4	0.0324	18.8	0.00121	0.00102	0.00000554	0.00574	0.0013	0.0193	0.0192	0.00000533	18.5	0.0000164	0.000368	0.00026	0.00104	0.0508	0.00000731	1.84	3.08	0.0403	0.000393	13.3	0.00228	0.0338	0.00029	0.000186	0.000101	0.12	0.00000219	0.000138	0.000536	0.00148	0.000121
2070 Jun	155	0.0692	0.104	0.00309	30.1	0.0325	18.7	0.00122	0.00102	0.00000538	0.00576	0.00131	0.0194	0.0193	0.00000532	18.6	0.0000164	0.000376	0.00026	0.00104	0.0509	0.00000734	1.84	3.09	0.0404	0.000399	13.2	0.00228	0.034	0.00029	0.000185	0.000102	0.12	0.00000219	0.000141	0.000536	0.00147	0.000118
2070 Jul	156	0.0695	0.104	0.00311	30.3	0.0327	18.9	0.00122	0.00102	0.00000541	0.00578	0.00132	0.0195	0.0193	0.00000534	18.7	0.0000164	0.000378	0.00026	0.00105	0.0511	0.00000737	1.85	3.11	0.0406	0.000401	13.3	0.00229	0.0341	0.00029	0.000186	0.000102	0.121	0.00000222	0.000142	0.000539	0.00148	0.000119
2070 Aug	157	0.0698	0.105	0.00313	30.4	0.0328	19	0.00123	0.00103	0.00000542	0.0058	0.00132	0.0196	0.0194	0.00000536	18.7	0.0000165	0.000379	0.000263	0.00105	0.0513	0.0000074	1.86	3.12	0.0407	0.000403	13.3	0.0023	0.0342	0.000292	0.000187	0.000103	0.121	0.00000222	0.000142	0.00054	0.00148	0.000119
2070 Sep	158	0.0698	0.105	0.00313	30.4	0.0328	19.1	0.00122	0.00103	0.00000541	0.0058	0.00132	0.0196	0.0194	0.00000535	18.7	0.0000165	0.000378	0.000263	0.00105	0.0512	0.00000739	1.86	3.12	0.0407	0.000403	13.3	0.0023	0.0342	0.000292	0.000187	0.000103	0.121	0.00000222	0.000142	0.00054	0.00148	0.000119
2070 Oct	158	0.0699	0.105	0.00313	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.00579	0.00132	0.0196	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.12	0.0406	0.000404	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2070 Nov	158	0.0699	0.105	0.00314	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.0058	0.00132	0.0196	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.12	0.0406	0.000404	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2070 Dec	158	0.0699	0.105	0.00314	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.0058	0.00132	0.0197	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.12	0.0406	0.000404	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2071 Jan	158	0.0699	0.105	0.00314	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.0058	0.00132	0.0197	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.12	0.0406	0.000404	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2071 Feb	158	0.0699	0.105	0.00314	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.0058	0.00132	0.0197	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.12	0.0406	0.000404	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2071 Mar	158	0.0699	0.105	0.00314	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.0058	0.00132	0.0197	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.12	0.0406	0.000404	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2071 Apr	158	0.07	0.105	0.00314	30.3	0.0328	19.2	0.00122	0.00102	0.00000541	0.0058	0.00132	0.0197	0.0193	0.00000534	18.7	0.0000165	0.000378	0.000262	0.00105	0.0511	0.00000739	1.85	3.13	0.0406	0.000405	13.3	0.0023	0.0342	0.000291	0.000186	0.000102	0.121	0.00000222	0.000142	0.000538	0.00148	0.000119
2071 May	158	0.0701	0.105	0.00314	30.3	0.0329	19.2	0.00123	0.00102	0.00000541	0.0058	0.00133	0.0197	0.0194	0.00000535	18.7	0.0000165	0.00038	0.000263	0.00105	0.0512	0.0000074	1.86	3.13	0.0407	0.000406	13.3	0.00231	0.0343	0.000291	0.000186	0.000103	0.121	0.00000222	0.000143	0.000539	0.00148	0.000118
2071 Jun	155	0.0708	0.106	0.00313	30.2	0.033	19.3	0.00123	0.00102	0.00000537	0.00577	0.00134	0.0199	0.0195	0.00000531	18.9	0.0000163	0.00039	0.000265	0.00105	0.0514	0.00000736	1.87	3.16	0.0412	0.000413	13.2	0.00232	0.0341	0.000295	0.000185	0.000104	0.122	0.00000219	0.000146	0.000539	0.00146	0.000117
2071 Jul	156	0.071	0.107	0.00315	30.3	0.033	19.4	0.00123	0.00102	0.00000537	0.00576	0.00135	0.0201	0.0195	0.00000531	18.9	0.0000164	0.000393	0.000265	0.00106	0.0513	0.00000735	1.88	3.17	0.0412	0.000416	13.3	0.00233	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.000539	0.00146	0.000117
2071 Aug	157	0.0713	0.107	0.00317	30.4	0.0332	19.6	0.00123	0.00102	0.00000539	0.00578	0.00135	0.0202	0.0196	0.00000533	19	0.0000164	0.000395	0.000266	0.00106	0.0515	0.00000738	1.89	3.19	0.0414	0.000418	13.3	0.00235	0.0342	0.000295	0.000186	0.000105	0.123	0.00000222	0.000149	0.000541	0.00146	0.000117
2071 Sep	158	0.0713	0.108	0.00318	30.4	0.0332	19.7	0.00123	0.00102	0.00000538	0.00578	0.00135	0.0202	0.0195	0.00000532	19	0.0000164	0.000394	0.000266	0.00106	0.0514	0.00000738	1.89	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000295	0.000186	0.000105	0.123	0.00000219	0.000149	0.00054	0.00146	0.000117
2071 Oct	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000266	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.00054	0.00146	0.000117
2071 Nov	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000265	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.000539	0.00146	0.000117
2071 Dec	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000265	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.000539	0.00146	0.000117
2072 Jan	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000265	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.000539	0.00146	0.000117
2072 Feb	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000266	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.00054	0.00146	0.000117
2072 Mar	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000266	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.122	0.00000219	0.000148	0.00054	0.00146	0.000117
2072 Apr	158	0.0713	0.108	0.00318	30.4	0.0331	19.7	0.00123	0.00102	0.00000537	0.00577	0.00135	0.0202	0.0195	0.00000532	18.9	0.0000164	0.000394	0.000266	0.00106	0.0513	0.00000737	1.88	3.19	0.0413	0.000419	13.3	0.00235	0.0341	0.000294	0.000186	0.000104	0.123	0.00000219	0.000148	0.00054	0.00146	0.000117
2072 May	159	0.0714	0.108	0.00318	30.4	0.0332	19.8	0.00123	0.00102	0.00000538	0.00578	0.00135	0.0202	0.0195	0.00000533	19	0.0000164	0.000394	0.000266	0.00106	0.0514	0.00000739	1.89	3.2	0.0414	0.00042	13.3	0.00235	0.0342	0.000295	0.000187	0.000105	0.123	0.00000219	0.000149	0.000541	0.00146	0.000117
2072 Jun	157	0.0709	0.108	0.00319	30.2	0.0333	19.8	0.00124	0.00102	0.00000538	0.0058	0.00135	0.0204	0.0193	0.00000533	18.8	0.0000165	0.000397	0.000261	0.00106	0.0508	0.00000741	1.88	3.17	0.0406	0.000422	13.3	0.00236	0.0341	0.000287	0.000187	0.000104	0.122	0.00000222	0.00015	0.000534	0.00147	0.000116
2072 Jul	158	0.0709	0.109	0.0032	30.2	0.0334	19.9	0.00124	0.00102	0.00000539	0.00582	0.00135	0.0205	0.0192	0.00000534	18.8	0.0000165	0.000398	0.00026	0.00106	0.0507	0.00000743	1.89	3.18	0.0404	0.000424	13.3	0.00237	0.0342	0.000285	0.000188	0.000104	0.122	0.00000222	0.000151	0.000533	0.00147	0.000116
2072 Aug	158	0.0706	0.109	0.00321	30.1	0.0335	20	0.00124	0.00102	0.0000054	0.00582	0.00135	0.0207	0.0191	0.00000535	18.7	0.0000165	0.000399	0.000257	0.00105	0.0502	0.00000745	1.88	3.17	0.0399	0.000426	13.3	0.00237	0.0341	0.00028	0.000188	0.000104	0.121	0.00000222	0.000152	0.000527	0.00147	0.000116
2072 Sep	157	0.0704	0.109	0.00322	30	0.0337	20	0.00124	0.00102	0.00000539	0.00581	0.00135	0.0208	0.0189	0.00000534	18.6	0.0000164	0.000399	0.000254	0.00105	0.0498	0.00000745	1.88	3.15	0.0393	0.000428	13.2	0.00237	0.034	0.000274	0.000187	0.000104	0.121	0.00000222	0.000152	0.000521	0.00147	0.000116
2072 Oct	156	0.0699	0.109	0.00322	29.8	0.0339	20.1	0.00125	0.00102	0.00000538	0.00578	0.00134	0.0209	0.0185	0.00000533	18.3	0.0000162	0.0004	0.000247	0.00104	0.0486	0.00000743	1.87	3.12	0.0381	0.000432	13.2	0.00237	0.0336	0.000263	0.000185	0.000103	0.119	0.00000222	0.000154	0.000505	0.00146	0.000115
2072 Nov	156	0.0699	0.11	0.00322	29.8	0.0339	20.1	0.00125	0.00102	0.00000537	0.00577	0.00134	0.021	0.0185	0.00000533	18.3	0.0000162	0.000401	0.000246	0.00104	0.0484	0.00000742	1.87	3.11	0.0379	0.000433	13.2	0.00237	0.0336	0.000261	0.000185	0.000103	0.119	0.00000222	0.000154	0.000503	0.00145	0.000115
2072 Dec	156	0.0699	0.11	0.00323	29.8	0.0339	20.1	0.00125	0.00102	0.00000537	0.00577	0.00134	0.021	0.0185	0.00000533	18.3	0.0000162	0.000401	0.000246	0.00104	0.0484	0.00000742	1.87	3.11	0.0379	0.000433	13.2	0.00237	0.0336	0.000261	0.000185	0.000103	0.119	0.00000222	0.000154	0.000502	0.00145	0.000115
2073 Jan	156	0.0699	0.11	0.00323	29.8	0.0339	20.1	0.00125	0.00102	0.00000537	0.00577	0.00134	0.021	0.0185	0.00000533	18.3	0.0000162	0.000401	0.000245	0.00104	0.0484	0.00000742	1.87	3.11	0.0379	0.000433	13.2	0.00237	0.0336	0.000261	0.000185	0.000103	0.119	0.00000222	0.000154	0.000502	0.00145	0.000115
2073 Feb	156	0.0699	0.11	0.00323	29.8	0.0339	20.1	0.00125	0.00102	0.00000537	0.00577	0.00134	0.021	0.0185	0.00000533	18.3	0.0000162	0.000401	0.000245	0.00104	0.0484	0.00000742	1.87	3.11	0.0379	0.000433	13.2	0.00237	0.0336	0.00026	0.000185	0.000103	0.119	0.00000222	0.000154	0.000502	0.00145	0.000115
2073 Mar	156	0.0699	0.11	0.00323	29.8	0.0339	20.1	0.00125	0.00102	0.00000537	0.00577	0.00134	0.021	0.0185	0.00000533	18.3	0.0000162	0.000401	0.000246	0.00104	0.0484	0.00000742	1.87	3.11	0.0379	0.000433	13.2	0.00237	0.0336	0.00026	0.000185	0.000103	0.119	0.00000222	0.000154	0.000502	0.00145	0.000115
2073 Apr	156	0.0699	0.11	0.00323	29.8	0.034	20.1	0.00125	0.00102	0.00000538	0.00578	0.00134	0.021	0.0185	0.00000533	18.3	0.0000162	0.000401	0.000246	0.00104	0.0485	0.00000742	1.87	3.12	0.038	0.000434	13.2	0.00237	0.0336	0.000261	0.000185	0.000103	0.119	0.00000222	0.000154	0.000503	0.00145	0.000115
2073 May	155	0.07	0.111	0.00323	29.8	0.034	20.1	0.00125	0.00102	0.00000537	0.00577	0.00135	0.0211	0.0185	0.00000533	18.3	0.0000161	0.000404	0.000246	0.00104	0.0484	0.00000742	1.87	3.12	0.038	0.000436	13.2	0.00237	0.0335	0.00026	0.000184	0.000104	0.119	0.00000222	0.000155	0.000501	0.00145	0.000115
2073 Jun	154	0.0697	0.111	0.00323	29.6	0.0341	20.3	0.00125	0.00101	0.00000532	0.00568	0.00136	0.0214	0.0184	0.00000528	18.3	0.0000159	0.000413	0.000246	0.00104	0.0481	0.00000735	1.89	3.14	0.0382	0.000442	13.1	0.00239	0.033	0.000261	0.000183	0.000105	0.12	0.00000218	0.000158	0.000498	0.00143	0.000114
2073 Jul	155	0.0699	0.112	0.00326	29.8	0.0342	20.5	0.00125	0.00101	0.00000533	0.00568	0.00136	0.0216	0.0185	0.00000529	18.4	0.0000159	0.000416	0.000247	0.00105	0.0481	0.00000735	1.9	3.16	0.0384	0.000445	13.2	0.00241	0.033	0.000262	0.000184	0.000105	0.12	0.00000218	0.00016	0.000499	0.00143	0.000115
2073 Aug	156	0.0702	0.112	0.00327	29.9	0.0343	20.6	0.00126	0.00101	0.00000534	0.00569	0.00137	0.0216	0.0185	0.00000531	18.4	0.0000159	0.000418	0.000248	0.00105	0.0483	0.00000737	1.9	3.17	0.0385	0.000446	13.2	0.00242	0.0331	0.000263	0.000185	0.000106	0.121	0.00000219	0.000161	0.0005	0.00143	0.000115
2073 Sep	157	0.0703	0.113	0.00328	29.9	0.0343	20.7	0.00126	0.00101	0.00000534	0.00569	0.00137	0.0217	0.0185	0.0000053	18.4	0.000016	0.000418	0.000248	0.00105	0.0482	0.00000737	1.9	3.18	0.0385	0.000447	13.2	0.00242	0.0331	0.000262	0.000185	0.000106	0.121	0.00000219	0.000161	0.0005	0.00143	0.000115
2073 Oct	157	0.0702	0.113	0.00328	29.9	0.0342	20.8	0.00125	0.00101	0.00000533	0.00568	0.00137	0.0217	0.0185	0.00000529	18.4	0.0000159	0.000417	0.000247	0.00105	0.0481	0.00000736	1.9	3.17	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000218	0.00016	0.000499	0.00143	0.000115
2073 Nov	157	0.0702	0.113	0.00328	29.8	0.0342	20.8	0.00125	0.00101	0.00000533	0.00568	0.00136	0.0217	0.0185	0.00000529	18.4	0.0000159	0.000417	0.000247	0.00105	0.0481	0.00000736	1.9	3.17	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000218	0.00016	0.000499	0.00143	0.000115
2073 Dec	157	0.0702	0.113	0.00328	29.9	0.0342	20.8	0.00125	0.00101	0.00000533	0.00568	0.00137	0.0217	0.0185	0.00000529	18.4	0.0000159	0.000417	0.000247	0.00105	0.0481	0.00000736	1.9	3.17	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000219	0.00016	0.000499	0.00143	0.000115
2074 Jan	157	0.0702	0.113	0.00328	29.9	0.0342	20.8	0.00125	0.00101	0.00000533	0.00568	0.00137	0.0217	0.0185	0.00000529	18.4	0.0000159	0.000417	0.000247	0.00105	0.0481	0.00000736	1.9	3.17	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000219	0.00016	0.000499	0.00143	0.000115
2074 Feb	157	0.0702	0.113	0.00328	29.9	0.0342	20.8	0.00125	0.00101	0.00000533	0.00568	0.00137	0.0217	0.0185	0.00000529	18.4	0.0000159	0.000417	0.000247	0.00105	0.0481	0.00000736	1.9	3.17	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000219	0.00016	0.000499	0.00143	0.000115
2074 Mar	157	0.0702	0.113	0.00328	29.9	0.0342	20.8	0.00125	0.00101	0.00000533	0.00568	0.00137	0.0217	0.0185	0.00000529	18.4	0.0000159	0.000417	0.000247	0.00105	0.0481	0.00000737	1.9	3.17	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000219	0.00016	0.000499	0.00143	0.000115
2074 Apr	157	0.0703	0.113	0.00328	29.9	0.0343	20.8	0.00125	0.00101	0.00000533	0.00569	0.00137	0.0217	0.0185	0.0000053	18.4	0.0000159	0.000417	0.000247	0.00105	0.0482	0.00000737	1.9	3.18	0.0384	0.000447	13.2	0.00242	0.033	0.000262	0.000185	0.000106	0.121	0.00000219	0.000161	0.000499	0.00143	0.000115
2074 May	156	0.0707	0.113	0.00328	29.9	0.0342	20.9	0.00126	0.00101	0.00000533	0.00569	0.00139	0.0218	0.0189	0.0000053	18.8	0.000016	0.000425	0.000255	0.00106	0.0493	0.00000739	1.92	3.23	0.0399	0.000449	13.2	0.00244	0.0333	0.000274	0.000186	0.000107	0.123	0.00000219	0.000162	0.000513	0.00143	0.000114
2074 Jun	156	0.0713	0.115	0.0033	30.1	0.0338	21.4	0.00126	0.000991	0.00000526	0.00556

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2077 Jun	159	0.0705	0.121	0.00345	30	0.0343	23	0.00131	0.00101	0.00000536	0.00579	0.0015	0.024	0.0201	0.00000536	20	0.0000171	0.000492	0.000278	0.0011	0.0524	0.00000765	2.06	3.53	0.045	0.000475	13.4	0.00265	0.0339	0.000311	0.000208	0.000117	0.131	0.00000222	0.000183	0.000572	0.0015	0.000109
2077 Jul	160	0.0708	0.122	0.00347	30.2	0.0345	23.2	0.00132	0.00102	0.00000538	0.00581	0.00151	0.0241	0.0201	0.00000538	20.1	0.0000172	0.000494	0.00028	0.0011	0.0526	0.00000768	2.07	3.54	0.0452	0.000477	13.4	0.00267	0.034	0.000313	0.000209	0.000118	0.132	0.00000223	0.000184	0.000575	0.0015	0.00011
2077 Aug	162	0.0712	0.123	0.00349	30.3	0.0346	23.4	0.00132	0.00102	0.00000541	0.00584	0.00152	0.0242	0.0202	0.00000541	20.2	0.0000173	0.000496	0.000281	0.00111	0.0528	0.00000771	2.08	3.56	0.0454	0.000479	13.5	0.00268	0.0341	0.000314	0.00021	0.000118	0.132	0.00000224	0.000185	0.000577	0.00151	0.00011
2077 Sep	162	0.0711	0.123	0.00349	30.2	0.0345	23.4	0.00132	0.00102	0.00000539	0.00582	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000494	0.00028	0.0011	0.0527	0.0000077	2.07	3.56	0.0453	0.000479	13.5	0.00268	0.034	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.00011
2077 Oct	162	0.0712	0.123	0.00349	30.2	0.0345	23.5	0.00132	0.00102	0.00000539	0.00582	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000494	0.00028	0.0011	0.0527	0.0000077	2.07	3.56	0.0453	0.00048	13.4	0.00268	0.0341	0.000312	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.000109
2077 Nov	162	0.0712	0.123	0.00349	30.2	0.0346	23.5	0.00132	0.00102	0.00000539	0.00582	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000495	0.00028	0.0011	0.0527	0.00000771	2.07	3.56	0.0453	0.00048	13.5	0.00268	0.0341	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.00011
2077 Dec	162	0.0712	0.123	0.00349	30.3	0.0346	23.5	0.00132	0.00102	0.00000539	0.00583	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000495	0.00028	0.0011	0.0527	0.00000771	2.07	3.56	0.0453	0.00048	13.5	0.00268	0.0341	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.00011
2078 Jan	162	0.0712	0.123	0.00349	30.3	0.0346	23.5	0.00132	0.00102	0.00000539	0.00583	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000495	0.00028	0.0011	0.0527	0.00000771	2.07	3.56	0.0453	0.00048	13.5	0.00268	0.0341	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.00011
2078 Feb	162	0.0712	0.123	0.00349	30.3	0.0346	23.5	0.00132	0.00102	0.00000539	0.00583	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000495	0.00028	0.0011	0.0527	0.00000771	2.07	3.56	0.0453	0.00048	13.5	0.00268	0.0341	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.00011
2078 Mar	162	0.0712	0.123	0.00349	30.3	0.0346	23.5	0.00132	0.00102	0.00000539	0.00583	0.00151	0.0242	0.0202	0.00000539	20.1	0.0000173	0.000495	0.00028	0.0011	0.0527	0.00000771	2.07	3.56	0.0453	0.00048	13.5	0.00268	0.0341	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000575	0.0015	0.00011
2078 Apr	163	0.0713	0.123	0.00349	30.3	0.0346	23.5	0.00132	0.00102	0.00000539	0.00583	0.00152	0.0242	0.0202	0.00000054	20.1	0.0000173	0.000495	0.00028	0.00111	0.0527	0.00000771	2.07	3.57	0.0453	0.00048	13.5	0.00268	0.0341	0.000313	0.00021	0.000118	0.132	0.00000223	0.000185	0.000576	0.00151	0.00011
2078 May	161	0.0718	0.122	0.00347	30.2	0.0347	23.4	0.00133	0.00102	0.00000541	0.00588	0.00154	0.0243	0.0206	0.00000542	20.5	0.0000174	0.000502	0.000287	0.00112	0.054	0.00000779	2.09	3.61	0.0466	0.000482	13.4	0.00269	0.0347	0.000324	0.000211	0.00012	0.134	0.00000224	0.000186	0.000589	0.00152	0.000108
2078 Jun	159	0.0723	0.122	0.00345	30.1	0.0346	23.5	0.00133	0.00102	0.00000539	0.00586	0.00157	0.0245	0.0213	0.00000054	21	0.0000175	0.000518	0.000299	0.00113	0.0556	0.00000781	2.13	3.69	0.0488	0.000487	13.4	0.00271	0.0349	0.000343	0.000213	0.000122	0.137	0.00000223	0.00019	0.000609	0.00151	0.000106
2078 Jul	160	0.0727	0.123	0.00347	30.3	0.0347	23.7	0.00134	0.00102	0.00000541	0.00589	0.00158	0.0246	0.0214	0.00000542	21.1	0.0000176	0.000521	0.000301	0.00113	0.0558	0.00000785	2.14	3.71	0.049	0.00049	13.4	0.00273	0.0351	0.000344	0.000214	0.000123	0.138	0.00000224	0.000191	0.000612	0.00152	0.000106
2078 Aug	161	0.0729	0.123	0.00349	30.4	0.0348	23.8	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0247	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000787	2.14	3.73	0.0492	0.000491	13.5	0.00274	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2078 Sep	161	0.073	0.124	0.00349	30.4	0.0349	23.9	0.00134	0.00102	0.00000543	0.00591	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000523	0.000302	0.00114	0.056	0.00000788	2.14	3.73	0.0492	0.000492	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2078 Oct	162	0.073	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2078 Nov	162	0.073	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2078 Dec	162	0.073	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2079 Jan	162	0.073	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2079 Feb	162	0.073	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2079 Mar	162	0.0731	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000542	0.0059	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.0559	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2079 Apr	162	0.0731	0.124	0.0035	30.4	0.0349	24	0.00134	0.00102	0.00000543	0.00591	0.00158	0.0248	0.0214	0.00000544	21.2	0.0000176	0.000522	0.000301	0.00114	0.056	0.00000788	2.14	3.74	0.0492	0.000493	13.5	0.00275	0.0352	0.000345	0.000215	0.000123	0.138	0.00000225	0.000192	0.000614	0.00152	0.000107
2079 May	162	0.0732	0.124	0.0035	30.5	0.0349	24	0.00134	0.00103	0.00000543	0.00592	0.00158	0.0248	0.0215	0.00000545	21.2	0.0000177	0.000523	0.000302	0.00114	0.056	0.00000789	2.15	3.74	0.0493	0.000494	13.5	0.00275	0.0352	0.000346	0.000215	0.000123	0.138	0.00000225	0.000192	0.000615	0.00153	0.000107
2079 Jun	160	0.0719	0.123	0.00349	30	0.0348	24	0.00135	0.00102	0.00000542	0.00593	0.00159	0.025	0.0212	0.00000544	21.1	0.0000178	0.000529	0.000298	0.00113	0.0555	0.00000793	2.14	3.72	0.0488	0.000493	13.4	0.00276	0.0352	0.00034	0.000218	0.000123	0.137	0.00000225	0.000194	0.000612	0.00154	0.000105
2079 Jul	159	0.0715	0.124	0.0035	29.9	0.0349	24.1	0.00135	0.00102	0.00000542	0.00593	0.00159	0.0252	0.0211	0.00000544	21	0.0000179	0.000532	0.000296	0.00113	0.0552	0.00000794	2.15	3.72	0.0485	0.000495	13.3	0.00277	0.0351	0.000337	0.000219	0.000123	0.137	0.00000225	0.000196	0.00061	0.00154	0.000105
2079 Aug	160	0.0718	0.124	0.00352	30.1	0.035	24.3	0.00136	0.00103	0.00000544	0.00596	0.0016	0.0253	0.0212	0.00000546	21.1	0.0000179	0.000534	0.000297	0.00114	0.0554	0.00000797	2.15	3.74	0.0486	0.000497	13.4	0.00278	0.0352	0.000338	0.00022	0.000124	0.138	0.00000226	0.000196	0.000613	0.00155	0.000105
2079 Sep	161	0.0718	0.125	0.00353	30.1	0.035	24.4	0.00135	0.00103	0.00000543	0.00595	0.00159	0.0253	0.0211	0.00000546	21.1	0.0000179	0.000534	0.000297	0.00113	0.0554	0.00000797	2.15	3.74	0.0486	0.000498	13.4	0.00278	0.0352	0.000338	0.00022	0.000124	0.138	0.00000226	0.000196	0.000612	0.00154	0.000105
2079 Oct	161	0.0718	0.125	0.00353	30.1	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0253	0.0211	0.00000545	21	0.0000179	0.000533	0.000296	0.00113	0.0553	0.00000796	2.15	3.74	0.0485	0.000498	13.4	0.00278	0.0352	0.000337	0.00022	0.000124	0.138	0.00000226	0.000196	0.000611	0.00154	0.000105
2079 Nov	161	0.0718	0.125	0.00353	30	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0254	0.0211	0.00000545	21	0.0000179	0.000533	0.000296	0.00113	0.0552	0.00000796	2.15	3.74	0.0484	0.000498	13.4	0.00278	0.0352	0.000336	0.00022	0.000124	0.137	0.00000225	0.000196	0.00061	0.00154	0.000105
2079 Dec	161	0.0718	0.125	0.00353	30	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0254	0.021	0.00000545	21	0.0000179	0.000533	0.000295	0.00113	0.0551	0.00000796	2.15	3.74	0.0483	0.000499	13.4	0.00278	0.0351	0.000335	0.00022	0.000124	0.137	0.00000225	0.000197	0.000608	0.00154	0.000105
2080 Jan	161	0.0718	0.125	0.00353	30	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0254	0.021	0.00000545	21	0.0000179	0.000534	0.000295	0.00113	0.0551	0.00000796	2.15	3.73	0.0483	0.000499	13.4	0.00278	0.0351	0.000334	0.00022	0.000124	0.137	0.00000225	0.000197	0.000608	0.00154	0.000105
2080 Feb	161	0.0718	0.125	0.00353	30	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0254	0.021	0.00000545	21	0.0000179	0.000534	0.000295	0.00113	0.0551	0.00000796	2.15	3.73	0.0483	0.000499	13.4	0.00278	0.0351	0.000334	0.00022	0.000124	0.137	0.00000225	0.000197	0.000608	0.00154	0.000105
2080 Mar	161	0.0718	0.125	0.00353	30	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0254	0.021	0.00000545	21	0.0000179	0.000534	0.000295	0.00113	0.0551	0.00000796	2.15	3.73	0.0483	0.000499	13.4	0.00278	0.0351	0.000334	0.00022	0.000124	0.137	0.00000225	0.000197	0.000608	0.00154	0.000105
2080 Apr	161	0.0718	0.125	0.00353	30	0.035	24.4	0.00135	0.00102	0.00000543	0.00595	0.00159	0.0254	0.021	0.00000545	21	0.0000179	0.000534	0.000295	0.00113	0.0551	0.00000796	2.15	3.74	0.0483	0.000499	13.4	0.00278	0.0351	0.000335	0.00022	0.000124	0.137	0.00000226	0.000197	0.000608	0.00154	0.000105
2080 May	162	0.0719	0.125	0.00354	30.1	0.0351	24.5	0.00136	0.00103	0.00000544	0.00596	0.00159	0.0254	0.0211	0.00000546	21	0.0000179	0.000535	0.000295	0.00113	0.0552	0.00000797	2.15	3.74	0.0484	0.0005	13.4	0.00279	0.0352	0.000335	0.00022	0.000124	0.138	0.00000226	0.000197	0.000609	0.00154	0.000105
2080 Jun	159	0.0708	0.125	0.00353	29.6	0.0352	24.5	0.00136	0.00102	0.00000542	0.00597	0.00158	0.0257	0.0205	0.00000545	20.6	0.0000178	0.000536	0.000285	0.00112	0.0537	0.00000797	2.14	3.69	0.0466	0.000502	13.2	0.00278	0.0349	0.000318	0.00022	0.000123	0.135	0.00000226	0.000199	0.000593	0.00154	0.000104
2080 Jul	159	0.0702	0.125	0.00355	29.4	0.0353	24.6	0.00136	0.00102	0.00000542	0.00598	0.00158	0.0259	0.0201	0.00000545	20.3	0.000018	0.000538	0.000278	0.00112	0.0527	0.00000798	2.13	3.66	0.0455	0.000505	13.2	0.00279	0.0347	0.000307	0.00022	0.000122	0.134	0.00000226	0.0002	0.000583	0.00154	0.000104
2080 Aug	160	0.0705	0.126	0.00356	29.5	0.0354	24.7	0.00137	0.00102	0.00000543	0.00599	0.00158	0.026	0.0201	0.00000546	20.4	0.000018	0.000539	0.000278	0.00112	0.0528	0.000008	2.13	3.67	0.0456	0.000507	13.2	0.0028	0.0348	0.000308	0.00022	0.000123	0.134	0.00000226	0.000201	0.000584	0.00155	0.000104
2080 Sep	160	0.0705	0.126	0.00357	29.5	0.0354	24.8	0.00136	0.00102	0.00000543	0.00599	0.00158	0.026	0.0201	0.00000546	20.4	0.000018	0.000539	0.000278	0.00112	0.0528	0.000008	2.13	3.68	0.0456	0.000507	13.2	0.0028	0.0348	0.000307	0.00022	0.000123	0.134	0.00000226	0.000201	0.000584	0.00155	0.000104
2080 Oct	161	0.0705	0.126	0.00357	29.5	0.0354	24.9	0.00136	0.00102	0.00000543	0.00599	0.00158	0.026	0.0201	0.00000545	20.4	0.000018	0.000538	0.000278	0.00112	0.0528	0.000008	2.13	3.68	0.0455	0.000508	13.2	0.0028	0.0348	0.000307	0.00022	0.000123	0.134	0.00000226	0.000201	0.000583	0.00155	0.000104
2080 Nov	161	0.0705	0.126	0.00357	29.5	0.0354	24.9	0.00136	0.00102	0.00000542	0.00598	0.00158	0.026	0.02	0.00000545	20.3	0.000018	0.000538	0.000277	0.00112	0.0526	0.000008	2.13	3.67	0.0454	0.000508	13.2	0.0028	0.0347	0.000305	0.00022	0.000122	0.134	0.00000226	0.000201	0.000582	0.00155	0.000104
2080 Dec	161	0.0705	0.126	0.00358	29.5	0.0354	24.9	0.00136	0.00102	0.00000542	0.00598	0.00158	0.026	0.02	0.00000545	20.3	0.000018	0.000538	0.000277	0.00112	0.0526	0.000008	2.13	3.67	0.0453	0.000508	13.2	0.0028	0.0347	0.000305	0.00022	0.000122	0.134	0.00000226	0.000201	0.000581	0.00155	0.000104
2081 Jan	161	0.0705	0.126	0.00358	29.5	0.0354	24.9	0.00136	0.00102	0.00000542	0.00598	0.00158	0.026	0.02	0.00000545	20.3	0.000018	0.000538	0.000277	0.00112	0.0526	0.000008	2.13	3.67	0.0453	0.000508	13.2	0.0028	0.0347	0.000305	0.00022	0.000122	0.134	0.00000226	0.000201	0.000581	0.00155	0.000104
2081 Feb	161	0.0705	0.126	0.00358	29.5	0.0354	24.9	0.00136	0.00102	0.00000542	0.00598	0.00158	0.026	0.02	0.00000545	20.3	0.000018	0.000538	0.000277	0.00112	0.0526	0.000008	2.13	3.67	0.0453	0.000508	13.2	0.0028	0.0347	0.000305	0.00022	0.000122	0.134	0.00000226	0.000201	0.000581	0.00155	0.000104
2081 Mar	161	0.0705	0.126	0.00358	29.5	0.0354	24.9	0.00136	0.00102	0.00000542	0.00598	0.00158	0.026	0.02	0.00000545	20.3	0.000018	0.000538	0.000277	0.00112	0.0526	0.000008	2.13	3.67	0.0453	0.000508	13.2	0.00281	0.0347	0.000305	0.00022	0.000122	0.134	0.00000226	0.000201	0.000581	0.00155	0.000104
2081 Apr	161	0.0705	0.126	0.00358	29.5	0.0354	24.9	0.00136	0.00102	0.00000542	0.00598	0.00158	0.026	0.02	0.00000545	20.3	0.000018	0.000539	0.000277	0.00112	0.0526	0.000008	2.13	3.67	0.0453	0.000508	13.2	0.00281	0.0347	0.000305	0.00022	0.000123	0.134	0.00000226	0.000201	0.000581	0.00155	0.000104
2081 May	160	0.0704	0.126	0.00358	29.5	0.0356	24.9	0.00137	0.00102	0.00000543	0.00599	0.00158	0.0262	0.02	0.00000546	20.3	0.000018	0.000541	0.000276	0.00112	0.0524	0.00000802	2.13	3.67	0.0451	0.000511	13.2	0.00281	0.0348	0.000303	0.00022	0.000123	0.134	0.00000226	0.000202	0.000579	0.00155	0.000104
2081 Jun	158	0.0699	0.127	0.00359	29.3	0.0357	25.1	0.00137	0.00102	0.0000054	0.00596	0.00159	0.0265	0.0197	0.00000544	20.1	0.0000179	0.000549	0.000271	0.00112	0.0516	0.00000798	2.14	3.66	0.0445	0.000516	13.2	0.00283	0.0344	0.000296	0.00022	0.000123	0.134	0.00000225	0.000206	0.00057	0.00154	0.000104
2081 Jul	159	0.0702	0.128	0.00361	29.4	0.0359	25.3	0.00138	0.00102	0.00000543	0.00598	0.0016	0.0267	0.0198	0.00000547	20.2	0.000018	0.000543	0.000272	0.00112	0.0518	0.00000802	2.15	3.69	0.0447	0.000512	13.2	0.00285	0.0345	0.000297	0.00023	0.000124	0.134	0.00000227	0.000207	0.000572	0.00154	0.000104
2081 Aug	161	0.0706	0.129	0.00364	29.6	0.0361	25.4	0.00139	0.00103	0.00000546	0.00601	0.00161	0.0269	0.0199	0.00000549	20.3	0.0000181	0.000555	0.000274	0.00113	0.0521	0.00000806	2.16	3.71	0.0449	0.000523	13.3	0.00286	0.0347	0.000298	0.00024	0.000124	0.135	0.00000228	0.000208	0.000575	0.00155	0.000105
2081 Sep	161	0.0707	0.129	0.00364	29.6	0.0361	25.5	0.00139	0.00103	0.00000546	0.00602	0.00161	0.0269	0.0199	0.0000055	20.4	0.0000181	0.000555	0.000274	0.00113	0.0521	0.00000807	2.16	3.71	0.0449	0.000523	13.3	0.00287	0.0347	0.000298	0.00024	0.000124	0.135	0.00000228	0.000209	0.000576	0.00155	0.000105
2081 Oct	162	0.0707	0.129	0.00365	29.6	0.0361	25.6	0.00139	0.00103	0.00000546	0.00602	0.00161	0.0269	0.0199	0.00000549	20.4	0.0000181	0.000555	0.000274	0.00113	0.0521	0.00000807	2.16	3.71	0.0449	0.000524	13.3	0.00287	0.0347	0.000298	0.00024	0.000124	0.135	0.00000228	0.000209	0.000576	0.00155	0.000105
2081 Nov	162	0.0707	0.129	0.00365	29.6	0.0361	25.6	0.00139	0.00103	0.00000545	0.00601	0.00161	0.0269	0.0199	0.00000549	20.3	0.0000181	0.000555	0.000273	0.00113	0.052	0.00000806	2.16	3.71	0.0449	0.000523	13.3	0.00287	0.0347	0.000298	0.00024	0.000124	0.135	0.00000227	0.000208	0.000575	0.00155	0.000105
2081 Dec	162	0.0707	0.129	0.00365	29.6	0.0361	25.6	0.00139	0.00103	0.00000545	0.00601	0.00161	0.0269	0.0199	0.00000549	20.3	0.0000181	0.000555	0.000273	0.00113	0.052	0.00000806	2.16

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2084 Dec	161	0.0699	0.134	0.00378	28.9	0.0371	27.8	0.00142	0.00101	0.00000536	0.00594	0.00167	0.0294	0.0191	0.00000543	20.2	0.0000181	0.00061	0.000263	0.00113	0.0498	0.00000809	2.23	3.83	0.0439	0.000567	13.1	0.00304	0.0337	0.000278	0.000231	0.000129	0.137	0.00000226	0.000231	0.000555	0.00153	0.000101
2085 Jan	161	0.0699	0.134	0.00378	28.9	0.0371	27.8	0.00142	0.00101	0.00000536	0.00594	0.00167	0.0294	0.0191	0.00000543	20.2	0.0000181	0.00061	0.000263	0.00113	0.0498	0.00000809	2.23	3.83	0.0439	0.000567	13.1	0.00304	0.0337	0.000278	0.000231	0.000129	0.137	0.00000226	0.000231	0.000555	0.00153	0.000101
2085 Feb	161	0.0699	0.134	0.00378	28.9	0.0371	27.8	0.00142	0.00101	0.00000536	0.00594	0.00167	0.0294	0.0191	0.00000543	20.2	0.0000181	0.00061	0.000263	0.00113	0.0498	0.00000809	2.23	3.83	0.0439	0.000567	13.1	0.00304	0.0337	0.000278	0.000231	0.000129	0.137	0.00000226	0.000231	0.000555	0.00153	0.000101
2085 Mar	161	0.0699	0.134	0.00378	28.9	0.0371	27.8	0.00142	0.00101	0.00000536	0.00594	0.00167	0.0294	0.0192	0.00000543	20.2	0.0000181	0.00061	0.000263	0.00113	0.0498	0.00000809	2.23	3.83	0.0439	0.000567	13.1	0.00304	0.0337	0.000278	0.000231	0.000129	0.137	0.00000226	0.000231	0.000555	0.00153	0.000101
2085 Apr	161	0.0699	0.134	0.00378	28.9	0.0371	27.8	0.00142	0.00101	0.00000536	0.00595	0.00167	0.0294	0.0192	0.00000544	20.2	0.0000181	0.00061	0.000263	0.00113	0.0499	0.00000809	2.23	3.83	0.0439	0.000567	13.1	0.00304	0.0337	0.000278	0.000231	0.000129	0.137	0.00000226	0.000231	0.000555	0.00153	0.000101
2085 May	161	0.0702	0.135	0.00379	28.9	0.0372	27.9	0.00143	0.00101	0.00000537	0.00595	0.00168	0.0295	0.0192	0.00000544	20.3	0.0000181	0.000613	0.000264	0.00114	0.0501	0.00000881	2.24	3.84	0.0441	0.000569	13.1	0.00305	0.0337	0.00028	0.000231	0.00013	0.137	0.00000226	0.000232	0.000557	0.00153	0.000102
2085 Jun	162	0.0709	0.136	0.00381	29.1	0.0374	28.2	0.00143	0.00101	0.00000536	0.00593	0.0017	0.0298	0.0195	0.00000544	20.6	0.0000181	0.000622	0.00027	0.00115	0.0506	0.0000081	2.26	3.9	0.0451	0.000575	13.2	0.00308	0.0338	0.000287	0.000232	0.000131	0.139	0.00000226	0.000235	0.000564	0.00152	0.000102
2085 Jul	163	0.0713	0.136	0.00383	29.2	0.0375	28.3	0.00144	0.00101	0.00000538	0.00596	0.0017	0.0299	0.0196	0.00000546	20.7	0.0000182	0.000625	0.000271	0.00115	0.0508	0.00000813	2.27	3.91	0.0453	0.000578	13.3	0.00309	0.0339	0.000288	0.000233	0.000132	0.14	0.00000227	0.000236	0.000566	0.00153	0.000102
2085 Aug	164	0.0714	0.137	0.00384	29.3	0.0376	28.5	0.00144	0.00101	0.00000539	0.00596	0.00171	0.03	0.0196	0.00000546	20.7	0.0000182	0.000625	0.000271	0.00115	0.0509	0.00000815	2.27	3.93	0.0454	0.00058	13.3	0.0031	0.0339	0.000288	0.000233	0.000132	0.14	0.00000227	0.000237	0.000567	0.00153	0.000102
2085 Sep	165	0.0714	0.137	0.00385	29.3	0.0376	28.6	0.00144	0.00101	0.00000538	0.00596	0.0017	0.03	0.0196	0.00000546	20.7	0.0000182	0.000624	0.000271	0.00115	0.0508	0.00000814	2.27	3.93	0.0453	0.00058	13.3	0.0031	0.0339	0.000288	0.000233	0.000132	0.14	0.00000227	0.000236	0.000566	0.00153	0.000102
2085 Oct	165	0.0717	0.137	0.00385	29.3	0.0376	28.7	0.00144	0.00101	0.00000538	0.00595	0.00171	0.03	0.0196	0.00000545	20.7	0.0000182	0.000626	0.000271	0.00115	0.0508	0.00000814	2.28	3.94	0.0454	0.000582	13.3	0.00311	0.0339	0.000288	0.000233	0.000133	0.14	0.00000227	0.000237	0.000566	0.00152	0.000102
2085 Nov	165	0.0719	0.138	0.00386	29.4	0.0378	28.8	0.00144	0.00101	0.00000538	0.00595	0.00171	0.0302	0.0197	0.00000545	20.8	0.0000181	0.000629	0.000272	0.00116	0.0509	0.00000814	2.28	3.95	0.0455	0.000585	13.3	0.00312	0.0339	0.000289	0.000233	0.000133	0.14	0.00000227	0.000238	0.000566	0.00152	0.000102
2085 Dec	165	0.072	0.138	0.00386	29.4	0.0378	28.8	0.00144	0.00101	0.00000538	0.00595	0.00171	0.0302	0.0197	0.00000546	20.8	0.0000181	0.00063	0.000272	0.00116	0.0509	0.00000814	2.28	3.95	0.0455	0.000586	13.3	0.00312	0.0339	0.000289	0.000233	0.000133	0.14	0.00000227	0.000238	0.000566	0.00152	0.000102
2086 Jan	165	0.072	0.138	0.00386	29.4	0.0378	28.8	0.00144	0.00101	0.00000538	0.00595	0.00171	0.0302	0.0197	0.00000546	20.8	0.0000181	0.00063	0.000272	0.00116	0.0509	0.00000814	2.28	3.95	0.0455	0.000586	13.3	0.00312	0.0339	0.000289	0.000233	0.000133	0.14	0.00000227	0.000238	0.000566	0.00152	0.000102
2086 Feb	165	0.072	0.138	0.00386	29.4	0.0378	28.8	0.00144	0.00101	0.00000538	0.00595	0.00171	0.0302	0.0197	0.00000546	20.8	0.0000181	0.00063	0.000272	0.00116	0.0509	0.00000814	2.28	3.95	0.0455	0.000586	13.3	0.00312	0.0339	0.000289	0.000233	0.000133	0.14	0.00000227	0.000238	0.000566	0.00152	0.000102
2086 Mar	165	0.072	0.138	0.00386	29.4	0.0378	28.8	0.00144	0.00101	0.00000538	0.00595	0.00171	0.0302	0.0197	0.00000546	20.8	0.0000181	0.00063	0.000272	0.00116	0.0509	0.00000814	2.28	3.95	0.0455	0.000586	13.3	0.00312	0.0339	0.000289	0.000233	0.000133	0.14	0.00000227	0.000238	0.000566	0.00152	0.000102
2086 Apr	165	0.072	0.138	0.00386	29.4	0.0378	28.8	0.00144	0.00101	0.00000538	0.00595	0.00171	0.0302	0.0197	0.00000546	20.8	0.0000181	0.00063	0.000272	0.00116	0.0509	0.00000814	2.28	3.95	0.0455	0.000586	13.3	0.00312	0.0339	0.000289	0.000233	0.000133	0.14	0.00000227	0.000239	0.000566	0.00152	0.000102
2086 May	165	0.0722	0.138	0.00387	29.4	0.0378	28.8	0.00144	0.00101	0.00000539	0.00596	0.00172	0.0302	0.0197	0.00000547	20.8	0.0000182	0.000631	0.000273	0.00116	0.051	0.00000816	2.29	3.96	0.0457	0.000587	13.3	0.00313	0.0339	0.00029	0.000233	0.000133	0.141	0.00000227	0.000239	0.000567	0.00152	0.000102
2086 Jun	163	0.0728	0.138	0.00386	29.4	0.038	29.1	0.00145	0.001	0.00000535	0.00592	0.00175	0.0308	0.0201	0.00000544	21.2	0.0000181	0.000651	0.00028	0.00117	0.0518	0.00000814	2.33	4.03	0.0471	0.000598	13.3	0.00317	0.0339	0.0003	0.000234	0.000136	0.143	0.00000226	0.000245	0.000576	0.00151	0.000101
2086 Jul	164	0.0729	0.14	0.0039	29.5	0.0382	29.5	0.00146	0.001	0.00000536	0.00592	0.00176	0.0311	0.0201	0.00000545	21.3	0.0000181	0.000659	0.00028	0.00117	0.0517	0.00000814	2.34	4.06	0.0472	0.000604	13.4	0.0032	0.0338	0.0003	0.000235	0.000137	0.144	0.00000227	0.000248	0.000576	0.00151	0.000102
2086 Aug	165	0.0732	0.14	0.00391	29.6	0.0383	29.7	0.00146	0.001	0.00000537	0.00593	0.00177	0.0312	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00321	0.0338	0.000301	0.000236	0.000137	0.144	0.00000227	0.000249	0.000578	0.00151	0.000102
2086 Sep	166	0.0732	0.14	0.00392	29.6	0.0383	29.7	0.00146	0.001	0.00000536	0.00593	0.00177	0.0312	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0517	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00321	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2086 Oct	166	0.0732	0.14	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000536	0.00593	0.00177	0.0312	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0517	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2086 Nov	166	0.0733	0.14	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000537	0.00593	0.00177	0.0313	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2086 Dec	166	0.0733	0.14	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000537	0.00593	0.00177	0.0313	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2087 Jan	166	0.0733	0.14	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000537	0.00593	0.00177	0.0313	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2087 Feb	166	0.0733	0.14	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000537	0.00593	0.00177	0.0313	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2087 Mar	166	0.0733	0.14	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000537	0.00593	0.00177	0.0313	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000607	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2087 Apr	166	0.0733	0.141	0.00392	29.6	0.0383	29.8	0.00146	0.001	0.00000537	0.00593	0.00177	0.0313	0.0201	0.00000546	21.3	0.0000182	0.00066	0.000281	0.00118	0.0518	0.00000817	2.35	4.08	0.0473	0.000608	13.4	0.00322	0.0338	0.0003	0.000236	0.000137	0.144	0.00000227	0.000249	0.000577	0.00151	0.000102
2087 May	166	0.0734	0.141	0.00393	29.6	0.0384	29.8	0.00147	0.00101	0.00000537	0.00594	0.00177	0.0313	0.0202	0.00000547	21.4	0.0000182	0.000662	0.000282	0.00118	0.052	0.00000819	2.36	4.1	0.0476	0.000609	13.4	0.00323	0.0339	0.000303	0.000237	0.000138	0.145	0.00000227	0.00025	0.00058	0.00151	0.000102
2087 Jun	166	0.0735	0.141	0.00393	29.6	0.0385	30	0.00147	0.00101	0.00000538	0.00594	0.0018	0.0317	0.0206	0.00000547	21.8	0.0000182	0.000675	0.00029	0.00119	0.053	0.00000824	2.39	4.16	0.049	0.000614	13.4	0.00326	0.0341	0.000314	0.000239	0.00014	0.147	0.00000228	0.000253	0.000592	0.00151	0.000101
2087 Jul	167	0.0738	0.141	0.00395	29.7	0.0387	30.2	0.00148	0.00101	0.00000539	0.00595	0.00181	0.0318	0.0207	0.00000549	21.9	0.0000183	0.000678	0.000291	0.0012	0.0532	0.00000827	2.39	4.18	0.0492	0.000617	13.5	0.00327	0.0342	0.000315	0.00024	0.000141	0.148	0.00000228	0.000254	0.000594	0.00152	0.000101
2087 Aug	168	0.0741	0.142	0.00397	29.9	0.0388	30.4	0.00148	0.00101	0.00000541	0.00598	0.00181	0.0319	0.0208	0.00000551	21.9	0.0000184	0.00068	0.000292	0.0012	0.0534	0.0000083	2.4	4.19	0.0494	0.000619	13.5	0.00329	0.0343	0.000316	0.000241	0.000141	0.148	0.00000229	0.000255	0.000596	0.00152	0.000101
2087 Sep	169	0.0742	0.142	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00599	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000832	2.41	4.2	0.0495	0.000621	13.6	0.00329	0.0344	0.000317	0.000241	0.000141	0.149	0.00000229	0.000255	0.000597	0.00153	0.000102
2087 Oct	169	0.0742	0.143	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00598	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000831	2.41	4.2	0.0495	0.000621	13.6	0.0033	0.0344	0.000316	0.000241	0.000141	0.149	0.00000229	0.000255	0.000597	0.00153	0.000102
2087 Nov	169	0.0742	0.143	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00598	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000831	2.4	4.2	0.0494	0.000621	13.5	0.0033	0.0344	0.000316	0.000241	0.000141	0.148	0.00000229	0.000255	0.000597	0.00153	0.000101
2087 Dec	169	0.0742	0.143	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00598	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000831	2.4	4.2	0.0494	0.000621	13.5	0.0033	0.0344	0.000316	0.000241	0.000141	0.148	0.00000229	0.000255	0.000597	0.00153	0.000101
2088 Jan	169	0.0742	0.143	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00598	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000831	2.4	4.2	0.0494	0.000621	13.6	0.0033	0.0344	0.000316	0.000241	0.000141	0.148	0.00000229	0.000255	0.000597	0.00153	0.000101
2088 Feb	169	0.0742	0.143	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00598	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000831	2.4	4.2	0.0494	0.000621	13.6	0.0033	0.0344	0.000316	0.000241	0.000141	0.148	0.00000229	0.000255	0.000597	0.00153	0.000101
2088 Mar	169	0.0743	0.143	0.00398	29.9	0.0389	30.5	0.00149	0.00101	0.00000542	0.00598	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000831	2.41	4.21	0.0495	0.000621	13.6	0.0033	0.0344	0.000316	0.000241	0.000141	0.148	0.00000229	0.000255	0.000597	0.00153	0.000101
2088 Apr	169	0.0743	0.143	0.00398	29.9	0.0389	30.6	0.00149	0.00101	0.00000542	0.00599	0.00182	0.032	0.0208	0.00000552	22	0.0000184	0.000681	0.000292	0.0012	0.0534	0.00000832	2.41	4.21	0.0495	0.000621	13.6	0.0033	0.0344	0.000317	0.000241	0.000142	0.149	0.0000023	0.000256	0.000598	0.00153	0.000102
2088 May	170	0.0745	0.143	0.00399	30	0.039	30.6	0.00149	0.00102	0.00000543	0.006	0.00182	0.0321	0.0208	0.00000553	22	0.0000185	0.000683	0.000293	0.0012	0.0535	0.00000834	2.41	4.22	0.0496	0.000622	13.6	0.0033	0.0345	0.000317	0.000242	0.000142	0.149	0.0000023	0.000256	0.000599	0.00153	0.000102
2088 Jun	170	0.0742	0.143	0.00399	29.9	0.039	30.7	0.00149	0.00102	0.00000544	0.00602	0.00182	0.0321	0.0208	0.00000554	22	0.0000186	0.000683	0.000292	0.00121	0.0536	0.00000838	2.41	4.22	0.0496	0.000622	13.5	0.00331	0.0346	0.000317	0.000243	0.000142	0.149	0.0000023	0.000256	0.0006	0.00154	0.000101
2088 Jul	170	0.0745	0.143	0.00401	30	0.0392	30.8	0.0015	0.00102	0.00000547	0.00606	0.00183	0.0323	0.0209	0.00000557	22.1	0.0000187	0.000687	0.000294	0.00121	0.0539	0.00000843	2.42	4.24	0.0498	0.000625	13.6	0.00332	0.0348	0.000318	0.000245	0.000143	0.149	0.00000232	0.000257	0.000604	0.00155	0.000101
2088 Aug	172	0.0749	0.144	0.00404	30.2	0.0394	31	0.00151	0.00103	0.0000055	0.0061	0.00184	0.0325	0.021	0.0000056	22.3	0.0000188	0.000691	0.000295	0.00122	0.0542	0.00000848	2.44	4.27	0.0501	0.000629	13.7	0.00334	0.035	0.00032	0.000246	0.000143	0.15	0.00000233	0.000259	0.000607	0.00156	0.000102
2088 Sep	172	0.075	0.145	0.00405	30.3	0.0395	31.2	0.00151	0.00103	0.00000551	0.0061	0.00184	0.0325	0.0211	0.00000561	22.3	0.0000188	0.000691	0.000296	0.00122	0.0543	0.0000085	2.44	4.27	0.0502	0.00063	13.7	0.00335	0.0351	0.00032	0.000246	0.000144	0.151	0.00000233	0.000259	0.000608	0.00156	0.000102
2088 Oct	173	0.0749	0.144	0.00404	30.2	0.0394	31.2	0.0015	0.00103	0.00000549	0.00609	0.00184	0.0325	0.021	0.00000559	22.2	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000848	2.43	4.27	0.05	0.000629	13.7	0.00335	0.035	0.000319	0.000246	0.000143	0.15	0.00000232	0.000258	0.000606	0.00156	0.000102
2088 Nov	173	0.0749	0.144	0.00404	30.2	0.0394	31.2	0.0015	0.00103	0.00000549	0.00609	0.00184	0.0324	0.021	0.00000559	22.2	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000847	2.43	4.27	0.05	0.000629	13.7	0.00334	0.035	0.000319	0.000246	0.000143	0.15	0.00000232	0.000258	0.000606	0.00156	0.000102
2088 Dec	173	0.0749	0.144	0.00404	30.2	0.0394	31.2	0.0015	0.00103	0.00000549	0.00609	0.00184	0.0324	0.021	0.00000559	22.2	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000848	2.43	4.27	0.05	0.000629	13.7	0.00334	0.035	0.000319	0.000246	0.000143	0.15	0.00000232	0.000258	0.000606	0.00156	0.000102
2089 Jan	173	0.075	0.144	0.00404	30.2	0.0394	31.2	0.0015	0.00103	0.00000549	0.00609	0.00184	0.0324	0.021	0.00000559	22.2	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000848	2.43	4.27	0.05	0.000629	13.7	0.00334	0.035	0.000319	0.000246	0.000143	0.15	0.00000232	0.000258	0.000606	0.00156	0.000102
2089 Feb	173	0.075	0.144	0.00404	30.2	0.0394	31.2	0.0015	0.00103	0.00000549	0.00609	0.00184	0.0324	0.021	0.00000559	22.2	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000848	2.43	4.27	0.05	0.000629	13.7	0.00334	0.035	0.000319	0.000246	0.000143	0.15	0.00000232	0.000258	0.000606	0.00156	0.000102
2089 Mar	173	0.075	0.144	0.00404	30.2	0.0394	31.2	0.0015	0.00103	0.00000549	0.00609	0.00184	0.0325	0.021	0.00000559	22.2	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000848	2.43	4.27	0.05	0.000629	13.7	0.00335	0.035	0.000319	0.000246	0.000143	0.15	0.00000233	0.000258	0.000606	0.00156	0.000102
2089 Apr	173	0.075	0.144	0.00404	30.2	0.0394	31.2	0.00151	0.00103	0.00000549	0.00609	0.00184	0.0325	0.021	0.0000056	22.3	0.0000188	0.000689	0.000295	0.00122	0.0541	0.00000848	2.43	4.27	0.05	0.00063	13.7	0.00335	0.035	0.000319	0.000246	0.000143	0.15	0.00000233	0.000259	0.000606	0.00156	0.000102
2089 May	173	0.0752	0.144	0.00404	30.2	0.0395	31.1	0.00151	0.00103	0.00000552	0.00613	0.00185	0.0325	0.0212	0.00000562	22.4	0.0000189	0.000691	0.000298	0.00122	0.0547	0.00000854	2.44	4.28	0.0504	0.00063	13.7	0.00335	0.0354	0.000323	0.000247	0.000144	0.151	0.00000234	0.000259	0.000612	0.00157	0.000101
2089 Jun	171	0.0755	0.142	0.00399	30.1	0.0396	30.8	0.00152	0.00105	0.00000558	0.00626	0.00187	0.0323	0.0218	0.00000568	22.8	0.0000193	0.000693

Appendix D.2-25: PUM04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	471	0.0238	0.0471	0.00471	320	0.0471	28	0.0000955	0.0000955	0.00000189	0.00932	0.00508	0.225	0.00977	0.00000453	0.134	0.000017	0.000653	0.000559	0.000945	0.0232	0.00000473	4.12	1.21	0.024	0.00513	146	0.0118	0.00486	0.000028	0.00171	0.000471	0.404	0.00000172	0.0012	0.00143	0.000474	2.17E-11
Operation (2026-2036): Mean	3330	0.416	1.52	0.0467	627	0.129	449	0.00482	0.00482	0.000118	0.0518	0.0165	0.835	0.473	0.00234	45.8	0.0000639	0.00505	0.00267	0.0038	0.132	0.000023	5.63	24.5	0.108	0.0265	223	0.0315	0.0137	0.000495	0.0052	0.000939	0.555	0.000235	0.00306	0.0476	0.00223	0.00196
Operation (2026-2036): Max	8360	0.971	3.76	0.107	1040	0.22	1200	0.00922	0.00922	0.00023	0.0928	0.0297	1.4	0.92	0.0046	123	0.000127	0.00925	0.00465	0.00775	0.233	0.000049	9	65.6	0.231	0.0464	328	0.055	0.0202	0.000924	0.00842	0.0013	0.831	0.00046	0.00471	0.092	0.00468	0.00543
2092 Jun	162	0.0759	0.142	0.00401	29	0.0413	32.9	0.00156	0.00101	0.00000542	0.00611	0.00198	0.0353	0.0216	0.00000557	23.2	0.0000187	0.000773	0.000304	0.00125	0.055	0.00000872	2.57	4.5	0.0522	0.000691	13.2	0.00352	0.0355	0.000326	0.000249	0.000152	0.157	0.00000232	0.000286	0.00061	0.00152	0.0000948
2092 Jul	163	0.0756	0.143	0.00405	29	0.0413	33.3	0.00157	0.00101	0.0000054	0.00606	0.00198	0.0357	0.0214	0.00000555	23.2	0.0000186	0.00078	0.000301	0.00125	0.0544	0.00000867	2.58	4.52	0.052	0.000697	13.2	0.00355	0.035	0.000323	0.000251	0.000153	0.157	0.00000231	0.000289	0.000606	0.00152	0.0000955
2092 Aug	164	0.076	0.144	0.00407	29.2	0.0415	33.5	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.0000087	2.59	4.54	0.0522	0.0007	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.00029	0.000608	0.00152	0.0000959
2092 Sep	165	0.0761	0.144	0.00408	29.2	0.0415	33.6	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0523	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.000291	0.000609	0.00152	0.0000959
2092 Oct	165	0.0761	0.144	0.00408	29.2	0.0415	33.6	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0522	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.00029	0.000608	0.00152	0.0000958
2092 Nov	165	0.0761	0.144	0.00408	29.2	0.0415	33.7	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0522	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.00029	0.000608	0.00152	0.0000958
2092 Dec	165	0.0761	0.144	0.00408	29.2	0.0415	33.7	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0522	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.00029	0.000608	0.00152	0.0000958
2093 Jan	165	0.0761	0.144	0.00408	29.2	0.0415	33.7	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0522	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.00029	0.000608	0.00152	0.0000958
2093 Feb	165	0.0761	0.145	0.00408	29.2	0.0415	33.7	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0522	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.00029	0.000608	0.00152	0.0000958
2093 Mar	165	0.0761	0.145	0.00408	29.2	0.0415	33.7	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000187	0.000783	0.000303	0.00125	0.0546	0.00000871	2.59	4.55	0.0523	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.000291	0.000609	0.00152	0.0000958
2093 Apr	166	0.0762	0.145	0.00408	29.2	0.0415	33.7	0.00157	0.00101	0.00000542	0.00609	0.00199	0.0359	0.0215	0.00000557	23.3	0.0000188	0.000783	0.000303	0.00126	0.0546	0.00000872	2.59	4.55	0.0523	0.000701	13.3	0.00357	0.0352	0.000324	0.000252	0.000153	0.158	0.00000232	0.000291	0.000609	0.00152	0.0000959
2093 May	166	0.0763	0.145	0.00409	29.3	0.0416	33.8	0.00158	0.00101	0.00000543	0.0061	0.00199	0.036	0.0216	0.00000558	23.3	0.0000188	0.000785	0.000304	0.00126	0.0548	0.00000873	2.59	4.56	0.0524	0.000703	13.3	0.00358	0.0353	0.000325	0.000253	0.000154	0.158	0.00000232	0.000291	0.00061	0.00153	0.000096
2093 Jun	167	0.0758	0.146	0.00412	29.3	0.0415	34.3	0.00158	0.00101	0.0000054	0.00605	0.00201	0.0365	0.0216	0.00000556	23.5	0.0000188	0.0008	0.000307	0.00126	0.0548	0.0000087	2.62	4.61	0.0532	0.000708	13.3	0.00363	0.0349	0.00033	0.000256	0.000156	0.16	0.00000232	0.000296	0.000617	0.00152	0.0000962
2093 Jul	168	0.0761	0.147	0.00415	29.4	0.0416	34.5	0.00159	0.00101	0.00000542	0.00607	0.00202	0.0368	0.0217	0.00000558	23.6	0.0000189	0.000805	0.000308	0.00127	0.055	0.00000873	2.63	4.64	0.0535	0.000712	13.4	0.00366	0.0349	0.000331	0.000258	0.000157	0.161	0.00000232	0.000298	0.00062	0.00153	0.0000966
2093 Aug	169	0.0764	0.148	0.00417	29.5	0.0418	34.7	0.00159	0.00101	0.00000543	0.00609	0.00203	0.0369	0.0218	0.00000559	23.6	0.000019	0.000807	0.000309	0.00127	0.0552	0.00000876	2.64	4.66	0.0536	0.000715	13.5	0.00367	0.035	0.000332	0.000259	0.000157	0.161	0.00000233	0.000299	0.000622	0.00153	0.0000969
2093 Sep	170	0.0765	0.148	0.00418	29.5	0.0418	34.8	0.00159	0.00101	0.00000544	0.00609	0.00203	0.037	0.0218	0.00000561	23.7	0.000019	0.000807	0.000309	0.00127	0.0552	0.00000876	2.64	4.67	0.0537	0.000716	13.5	0.00368	0.0351	0.000332	0.000259	0.000157	0.161	0.00000233	0.000299	0.000622	0.00153	0.0000969
2093 Oct	170	0.0764	0.148	0.00418	29.5	0.0417	34.9	0.00159	0.00101	0.00000542	0.00607	0.00202	0.0369	0.0217	0.00000558	23.6	0.0000189	0.000805	0.000307	0.00127	0.0549	0.00000874	2.63	4.66	0.0534	0.000715	13.4	0.00367	0.0349	0.00033	0.000258	0.000157	0.161	0.00000232	0.000299	0.000619	0.00153	0.0000966
2093 Nov	170	0.0764	0.148	0.00418	29.4	0.0418	34.9	0.00159	0.00101	0.00000541	0.00607	0.00203	0.037	0.0216	0.00000558	23.6	0.0000189	0.000807	0.000307	0.00127	0.0548	0.00000874	2.64	4.66	0.0533	0.000717	13.4	0.00368	0.0349	0.000329	0.000258	0.000157	0.161	0.00000232	0.0003	0.000618	0.00153	0.0000966
2093 Dec	170	0.0764	0.148	0.00418	29.5	0.0418	34.9	0.00159	0.00101	0.00000541	0.00607	0.00203	0.037	0.0216	0.00000558	23.6	0.0000189	0.000807	0.000307	0.00127	0.0548	0.00000874	2.64	4.66	0.0533	0.000717	13.4	0.00368	0.0349	0.000329	0.000258	0.000157	0.161	0.00000232	0.0003	0.000618	0.00153	0.0000966
2094 Jan	170	0.0765	0.148	0.00418	29.5	0.0418	34.9	0.00159	0.00101	0.00000541	0.00608	0.00203	0.037	0.0216	0.00000558	23.6	0.0000189	0.000807	0.000307	0.00127	0.0548	0.00000874	2.64	4.66	0.0533	0.000718	13.4	0.00368	0.0349	0.000329	0.000258	0.000157	0.161	0.00000232	0.0003	0.000618	0.00153	0.0000966
2094 Feb	170	0.0765	0.148	0.00418	29.5	0.0418	34.9	0.00159	0.00101	0.00000541	0.00608	0.00203	0.037	0.0216	0.00000558	23.6	0.0000189	0.000807	0.000307	0.00127	0.0548	0.00000874	2.64	4.66	0.0533	0.000718	13.4	0.00368	0.0349	0.000329	0.000258	0.000157	0.161	0.00000232	0.0003	0.000618	0.00153	0.0000966
2094 Mar	170	0.0765	0.148	0.00418	29.5	0.0418	34.9	0.00159	0.00101	0.00000541	0.00608	0.00203	0.037	0.0216	0.00000558	23.6	0.0000189	0.000808	0.000307	0.00127	0.0548	0.00000874	2.64	4.66	0.0533	0.000718	13.4	0.00368	0.0349	0.000329	0.000258	0.000157	0.161	0.00000232	0.0003	0.000618	0.00153	0.0000966
2094 Apr	170	0.0765	0.148	0.00418	29.5	0.0418	34.9	0.00159	0.00101	0.00000542	0.00608	0.00203	0.037	0.0217	0.00000558	23.6	0.000019	0.000808	0.000307	0.00127	0.0548	0.00000874	2.64	4.66	0.0533	0.000718	13.4	0.00368	0.0349	0.000329	0.000259	0.000157	0.161	0.00000233	0.0003	0.000618	0.00153	0.0000966
2094 May	170	0.0767	0.148	0.00418	29.5	0.0419	35	0.0016	0.00101	0.00000542	0.00609	0.00204	0.0372	0.0217	0.00000558	23.7	0.000019	0.000812	0.000308	0.00127	0.055	0.00000876	2.65	4.68	0.0536	0.000721	13.4	0.00369	0.035	0.000331	0.000259	0.000158	0.161	0.00000233	0.000301	0.00062	0.00153	0.0000966
2094 Jun	169	0.0772	0.149	0.00419	29.5	0.0421	35.4	0.00161	0.00101	0.00000541	0.00609	0.00206	0.0376	0.0219	0.00000558	23.9	0.0000191	0.000826	0.000312	0.00128	0.0554	0.00000878	2.67	4.73	0.0544	0.000729	13.4	0.00373	0.0351	0.000336	0.000261	0.00016	0.163	0.00000233	0.000306	0.000627	0.00153	0.0000964
2094 Jul	171	0.0777	0.15	0.00422	29.7	0.0423	35.6	0.00161	0.00101	0.00000545	0.00613	0.00207	0.0378	0.0221	0.00000562	24	0.0000192	0.000831	0.000314	0.00129	0.0558	0.00000883	2.69	4.76	0.0547	0.000734	13.5	0.00375	0.0353	0.000338	0.000263	0.000161	0.164	0.00000234	0.000308	0.00063	0.00154	0.0000977
2094 Aug	172	0.0781	0.151	0.00425	29.8	0.0426	35.8	0.00162	0.00102	0.00000548	0.00617	0.00208	0.0381	0.0222	0.00000565	24.2	0.0000193	0.000836	0.000316	0.0013	0.0561	0.00000888	2.71	4.79	0.055	0.000738	13.6	0.00377	0.0355	0.00034	0.000264	0.000162	0.165	0.00000235	0.00031	0.000634	0.00154	0.0000976
2094 Sep	173	0.0782	0.151	0.00426	29.9	0.0426	35.9	0.00162	0.00102	0.00000548	0.00617	0.00208	0.0381	0.0222	0.00000565	24.2	0.0000193	0.000836	0.000316	0.0013	0.0561	0.00000889	2.71	4.79	0.0551	0.000739	13.6	0.00378	0.0355	0.00034	0.000264	0.000162	0.165	0.00000236	0.00031	0.000634	0.00155	0.0000975
2094 Oct	173	0.0781	0.151	0.00426	29.8	0.0425	36	0.00162	0.00102	0.00000546	0.00615	0.00208	0.038	0.0221	0.00000564	24.1	0.0000193	0.000833	0.000315	0.00129	0.056	0.00000887	2.7	4.79	0.0549	0.000738	13.6	0.00377	0.0354	0.000339	0.000264	0.000161	0.165	0.00000235	0.000309	0.000633	0.00154	0.0000972
2094 Nov	173	0.078	0.151	0.00425	29.8	0.0424	35.9	0.00161	0.00101	0.00000545	0.00614	0.00207	0.0379	0.0221	0.00000562	24.1	0.0000192	0.000831	0.000314	0.00129	0.0558	0.00000885	2.69	4.78	0.0547	0.000736	13.5	0.00376	0.0353	0.000338	0.000263	0.000161	0.164	0.00000234	0.000308	0.000631	0.00154	0.0000969
2094 Dec	173	0.078	0.151	0.00425	29.8	0.0424	35.9	0.00161	0.00101	0.00000545	0.00614	0.00207	0.0379	0.0221	0.00000562	24.1	0.0000192	0.00083	0.000314	0.00129	0.0558	0.00000885	2.69	4.78	0.0547	0.000736	13.5	0.00376	0.0353	0.000337	0.000263	0.000161	0.164	0.00000234	0.000308	0.000631	0.00154	0.0000969
2095 Jan	173	0.078	0.151	0.00425	29.8	0.0424	35.9	0.00161	0.00101	0.00000545	0.00614	0.00207	0.0379	0.0221	0.00000562	24.1	0.0000192	0.00083	0.000314	0.00129	0.0558	0.00000885	2.69	4.78	0.0547	0.000736	13.5	0.00376	0.0353	0.000337	0.000263	0.000161	0.164	0.00000234	0.000308	0.000631	0.00154	0.0000969
2095 Feb	173	0.078	0.151	0.00425	29.8	0.0424	35.9	0.00161	0.00101	0.00000545	0.00614	0.00207	0.0379	0.0221	0.00000562	24.1	0.0000192	0.00083	0.000314	0.00129	0.0558	0.00000885	2.69	4.78	0.0547	0.000736	13.5	0.00376	0.0353	0.000337	0.000263	0.000161	0.164	0.00000234	0.000308	0.000631	0.00154	0.0000969
2095 Mar	173	0.0781	0.151	0.00425	29.8	0.0424	35.9	0.00161	0.00101	0.00000545	0.00614	0.00207	0.0379	0.0221	0.00000562	24.1	0.0000192	0.00083	0.000314	0.00129	0.0558	0.00000885	2.69	4.78	0.0547	0.000736	13.5	0.00376	0.0353	0.000337	0.000263	0.000161	0.164	0.00000234	0.000308	0.000631	0.00154	0.0000969
2095 Apr	173	0.0781	0.151	0.00425	29.8	0.0425	35.9	0.00162	0.00101	0.00000545	0.00614	0.00207	0.0379	0.0221	0.00000562	24.1	0.0000193	0.000831	0.000314	0.00129	0.0558	0.00000886	2.69	4.78	0.0548	0.000737	13.6	0.00377	0.0354	0.000338	0.000263	0.000161	0.164	0.00000234	0.000308	0.000631	0.00154	0.0000969
2095 May	173	0.0784	0.151	0.00426	29.8	0.0426	36	0.00162	0.00102	0.00000546	0.00616	0.00208	0.038	0.0222	0.00000563	24.2	0.0000193	0.000833	0.000315	0.00129	0.056	0.00000888	2.7	4.79	0.055	0.000739	13.6	0.00377	0.0355	0.000339	0.000264	0.000161	0.165	0.00000235	0.000309	0.000633	0.00154	0.0000969
2095 Jun	174	0.0791	0.151	0.00427	29.9	0.0428	36.2	0.00163	0.00102	0.00000552	0.00621	0.00209	0.0382	0.0224	0.00000566	24.4	0.0000194	0.000838	0.000319	0.0013	0.0566	0.00000894	2.71	4.83	0.0555	0.000744	13.6	0.00379	0.0358	0.000343	0.000265	0.000162	0.166	0.00000236	0.000311	0.000639	0.00155	0.0000968
2095 Jul	175	0.0796	0.152	0.0043	30.1	0.0431	36.4	0.00164	0.00103	0.00000552	0.00624	0.00211	0.0384	0.0225	0.00000569	24.5	0.0000195	0.000843	0.00032	0.00131	0.0569	0.000009	2.73	4.86	0.0558	0.000748	13.7	0.00382	0.036	0.000345	0.000266	0.000163	0.167	0.00000237	0.000312	0.000643	0.00156	0.0000974
2095 Aug	176	0.0797	0.152	0.00431	30.2	0.0431	36.6	0.00164	0.00103	0.00000552	0.00625	0.00211	0.0385	0.0225	0.0000057	24.5	0.0000196	0.000843	0.000321	0.00131	0.057	0.000009	2.73	4.86	0.0559	0.000749	13.7	0.00382	0.036	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000974
2095 Sep	177	0.0798	0.153	0.00432	30.2	0.0431	36.7	0.00164	0.00103	0.00000552	0.00625	0.00211	0.0385	0.0225	0.00000557	24.5	0.0000196	0.000843	0.000321	0.00131	0.057	0.00000901	2.73	4.87	0.0559	0.00075	13.7	0.00383	0.0361	0.000345	0.000267	0.000164	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000974
2095 Oct	177	0.0799	0.153	0.00432	30.2	0.0431	36.7	0.00164	0.00103	0.00000552	0.00625	0.00211	0.0385	0.0225	0.0000057	24.5	0.0000196	0.000843	0.000321	0.00131	0.057	0.00000901	2.73	4.87	0.0559	0.000751	13.7	0.00383	0.0361	0.000345	0.000267	0.000164	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000974
2095 Nov	178	0.0798	0.153	0.00432	30.2	0.0431	36.7	0.00163	0.00103	0.00000552	0.00624	0.0021	0.0385	0.0225	0.00000569	24.5	0.0000196	0.000842	0.00032	0.00131	0.0569	0.00000901	2.73	4.87	0.0558	0.00075	13.7	0.00383	0.036	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000972
2095 Dec	178	0.0798	0.153	0.00432	30.2	0.0431	36.7	0.00163	0.00103	0.00000552	0.00624	0.0021	0.0385	0.0225	0.00000569	24.5	0.0000196	0.000842	0.00032	0.00131	0.0569	0.00000901	2.73	4.87	0.0558	0.00075	13.7	0.00383	0.036	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000972
2096 Jan	178	0.0798	0.153	0.00432	30.2	0.0431	36.7	0.00163	0.00103	0.00000552	0.00624	0.0021	0.0385	0.0225	0.00000569	24.5	0.0000196	0.000842	0.00032	0.00131	0.0569	0.00000901	2.73	4.87	0.0558	0.00075	13.7	0.00383	0.036	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000972
2096 Feb	178	0.0798	0.153	0.00432	30.2	0.0431	36.7	0.00163	0.00103	0.00000552	0.00624	0.0021	0.0385	0.0225	0.00000569	24.5	0.0000196	0.000842	0.00032	0.00131	0.0569	0.00000901	2.73	4.87	0.0558	0.00075	13.7	0.00383	0.036	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000972
2096 Mar	178	0.0798	0.153	0.00432	30.2	0.0431	36.7	0.00163	0.00103	0.00000552	0.00625	0.0021	0.0385	0.0225	0.00000569	24.5	0.0000196	0.000842	0.00032	0.00131	0.0569	0.00000901	2.73	4.87	0.0559	0.00075	13.7	0.00383	0.036	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000972
2096 Apr	178	0.0799	0.153	0.00432	30.2	0.0431	36.7	0.00163	0.00103	0.00000552	0.00625	0.00211	0.0385	0.0225	0.0000057	24.5	0.0000196	0.000843	0.000321	0.00131	0.057	0.00000901	2.73	4.87	0.0559	0.000751	13.7	0.00383	0.0361	0.000345	0.000267	0.000163	0.167	0.00000237	0.000313	0.000643	0.00156	0.0000973
2096 May	178	0.08	0.153	0.00433	30.2	0.0432	36.8	0.00164	0.00103	0.00000553	0.00626	0.00211	0.0385	0.0226	0.0000057	24.6	0.0000196	0.000843	0.000321	0.00132	0.0571	0.00000902	2.73	4.88	0.056	0.000751	13.7	0.00383	0.0361	0.000346	0.000267	0.000164	0.167	0.00000238	0.000313	0.000644	0.00156	0.0000973
2096 Jun	172	0.0802	0.148	0.00422	29.7	0.0433	36	0.00165	0.00105	0.0000056	0.00645	0.00213	0.0383	0.0232	0.00000578	25	0.0000201	0.000848	0.000329	0.00133	0.0591	0.00000928	2.74	4.89	0.0572	0.000748	13.5	0.00381	0.0378	0.000357	0.00027	0.000164	0.169	0.0000024	0.000311	0.000665	0.0016	0.0000936
2096 Jul	172	0.0802	0.148	0.00423	29.7	0.0435	36.1	0.00166	0.00105	0.00000563	0.0065	0.00214	0.0386	0.0232	0.00000581	25.1	0.0000203	0.000854	0.000329	0.00133	0.0593	0.00000935	2.76	4.91	0.0573	0.000752	13.5	0.00382	0.038	0.000357	0.00027	0.000164	0.169	0.00000242	0.000313	0.000668	0.00161	0.0000935
2096 Aug	173	0.0806	0.149	0.00425	29.8	0.0437	36.3	0.00167	0.00106	0.00000566	0.00653	0.00215	0.0387	0.0233	0.00000584	25.2	0.0000204	0.000858	0.000331	0.00134	0.0596	0.0000094	2.77	4.94	0.0576	0.000756	13.5	0.00384	0.0382	0.000359	0.000273	0.000165	0.17	0.00000243	0.000315	0.000671	0.00162	0.000094
2096 Sep	174	0.0807	0.149	0.00426	29.9	0.0437	36.4	0.00166	0.00105	0.00000565	0.00653	0.00215	0.0387	0.0233	0.00000583	25.2	0.0000204	0.000857	0.000331	0.00134	0.0595	0.0000094	2.77	4.94	0.0576	0.000756	13.5	0.00384	0.0382	0.000359	0.000273	0.000165	0.17	0.00000243	0.000315	0.000671	0.00162	0.0000938
2096 Oct	174	0.0806	0.149	0.00425	29.8	0.0436	36.4	0.00166	0.00105	0.00000563	0.00651	0.00215	0.0386	0.0232	0.00000581	25.1	0.0000203	0.000854	0.000329	0.00133	0.0593	0.00000937	2.76	4.93	0.0574	0.000755	13.5	0.00384	0.0381	0.000357	0.000273	0.000165	0.169	0.00000242	0.000314	0.000668	0.00162	0.0000935
2096 Nov	174	0.0806	0.149	0.00425	29.8	0.0436	36.4	0.00166	0.00105	0.00000563	0.00651	0.00215	0.0386	0.0232	0.00000581	25.1	0.0000203	0.000854	0.000329	0.00133	0.0593	0.00000937	2.76	4.93	0.0573	0.000755	13.5	0.00384	0.0381	0.000357	0.000273	0.000165	0.169	0.00000242	0.000314	0.000668	0.00162	0.0000934
2096 Dec	174	0.0806	0.149	0.00425	29.8	0.0436	36

Appendix D.2-26: FZO01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1.98	0.00176	0.000529	0.0000137	0.503	0.000275	0.172	0.0000137	0.0000137	6.87E-08	0.0000811	0.0000385	0.0000948	0.000996	6.87E-08	0.79	0.000000275	9.62E-06	0.0000165	0.0000261	0.00261	1.37E-07	0.0459	0.111	0.00282	0.00000405	0.172	0.0000357	0.000962	0.0000131	0.00000316	0.00000179	0.00427	2.75E-08	0.00000137	0.0000289	0.0000213	0.0000137
Operation (2026-2036): Mean	4240	3.27	10.9	0.197	1010	0.243	339	0.000524	0.000524	0.00000661	0.01	0.0212	0.359	0.0261	0.00000817	56.3	0.0000689	0.0014	0.000561	0.00449	0.0348	0.0000245	17.1	21.8	0.258	0.00768	448	0.0302	0.0643	0.000136	0.00155	0.000723	1.63	0.0000723	0.00145	0.0013	0.00323	0.000913
Operation (2026-2036): Max	6600	5.06	17	0.314	1720	0.361	525	0.000735	0.000735	0.00000766	0.0118	0.0631	0.552	0.0323	0.0000101	77.7	0.0000975	0.00201	0.000742	0.00653	0.0567	0.0000335	25.5	32.6	0.377	0.0117	736	0.0467	0.072	0.000372	0.00234	0.00109	2.44	0.000109	0.00221	0.00172	0.0042	0.00134
Active Closure (2037-2043): Min	382	0.213	0.664	0.0128	66.1	0.0411	30.5	0.000573	0.000573	0.00000492	0.00441	0.0018	0.0327	0.0125	0.00000506	13.6	0.0000142	0.000213	0.000177	0.00108	0.0212	0.00000527	2.03	3.06	0.0336	0.000657	30	0.00321	0.0197	0.0000875	0.000194	0.000104	0.152	0.00000622	0.000137	0.000342	0.00126	0.0000534
Active Closure (2037-2043): Mean	1090	0.733	2.4	0.0436	208	0.0779	86.6	0.00088	0.00088	0.00000531	0.00516	0.00494	0.0914	0.0143	0.00000572	20.6	0.000023	0.00041	0.000238	0.00171	0.0273	0.00000808	4.7	6.38	0.0714	0.00191	96.4	0.0081	0.0252	0.000126	0.000428	0.000216	0.411	0.000018	0.00037	0.000483	0.00156	0.0002
Active Closure (2037-2043): Max	4260	3.28	10.9	0.192	880	0.246	341	0.000936	0.000936	0.00000702	0.0103	0.0208	0.364	0.0278	0.00000856	57.9	0.0000705	0.00145	0.00058	0.00453	0.0391	0.0000249	17.7	22.1	0.267	0.00782	415	0.0302	0.0678	0.000177	0.00158	0.000731	1.68	0.0000754	0.00148	0.00135	0.00338	0.000917
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan																																						
2026 Feb																																						
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2027 Oct																																						
2027 Nov																																						
2027 Dec																																						
2028 Jan	1.98	0.00176	0.000529	0.0000137	0.503	0.000275	0.172	0.0000137	0.0000137	6.87E-08	0.0000811	0.0000385	0.0000948	0.000996	6.87E-08	0.79	0.000000275	9.62E-06	0.0000165	0.0000261	0.00261	1.37E-07	0.0459	0.111	0.00282	0.00000405	0.172	0.0000357	0.000962	0.0000131	0.00000316	0.00000179	0.00427	2.75E-08	0.00000137	0.0000289	0.0000213	
2028 Feb	4.85	0.0043	0.00129	0.0000336	1.23	0.000672	0.42	0.0000336	0.0000336	0.000000168	0.000198	0.0000941	0.000232	0.00244	0.000000168	1.93	0.000000672	0.0000235	0.0000403	0.0000639	0.00639	3.36E-07	0.112	0.272	0.00689	0.00000992	0.422	0.0000874	0.00235	0.0000321	0.00000773	0.00000437	0.0105	6.72E-08	0.00000336	0.0000706	0.0000521	
2028 Mar	6.71	0.00596	0.00179	0.0000466	1.7	0.0000931	0.582	0.0000466	0.0000466	0.000000233	0.0000275	0.00013	0.000321	0.00338	0.000000233	2.68	0.000000931	0.0000326	0.0000559	0.0000885	0.00885	4.66E-07	0.155	0.376	0.00954	0.0000137	0.584	0.000121	0.00326	0.0000445	0.0000107	0.00000605	0.0145	9.31E-08	0.00000466	0.0000978	0.0000722	
2028 Apr	8.09	0.00718	0.00216	0.0000561	2.05	0.00112	0.701	0.0000561	0.0000561	0.00000028	0.0000331	0.000157	0.000387	0.00407	0.00000028	3.22	0.00000112	0.0000393	0.0000673	0.0000107	0.0107	5.61E-07	0.187	0.453	0.0115	0.0000165	0.704	0.000146	0.00393	0.0000536	0.0000129	0.00000729	0.0174	0.000000112	0.00000561	0.000118	0.0000869	
2028 May	76.5	0.0598	0.177	0.00328	19.9	0.00494	6.15	0.0000659	0.0000659	0.000000392	0.000493	0.034	0.00609	0.00477	0.000000417	4.35	0.00000226	0.0000639	0.0000816	0.0000184	0.012	0.00000097	0.468	0.832	0.0165	0.000138	8.32	0.000639	0.0051	0.0000609	0.0000385	0.0000194	0.0442	0.00000124	0.0000289	0.000148	0.000141	0.0000137
2028 Jun	3010	2.32	7.77	0.144	787	0.172	239	0.000561	0.000561	0.00000558	0.00849	0.0466	0.255	0.0183	0.0000067	39.7	0.000054	0.00101	0.000388	0.00322	0.0284	0.0000194	12	15.4	0.18	0.00536	336	0.0216	0.0518	0.0000778	0.00116	0.000515	1.13	0.0000506	0.00103	0.00101	0.0028	0.000611
2028 Jul	4500	3.46	11.6	0.215	1180	0.253	358	0.000561	0.000561	0.00000696	0.0105	0.0264	0.379	0.0237	0.00000863	56.2	0.0000736	0.00144	0.000538	0.00465	0.0293	0.0000262	17.7	22.6	0.263	0.008	503	0.032	0.0647	0.0000758	0.00167	0.000758	1.68	0.0000753	0.00152	0.00133	0.00356	0.000914
2028 Aug	5950	4.57	15.3	0.283	1560	0.328	473	0.000394	0.000394	0.00000745	0.0114	0.0379	0.499	0.0273	0.00000967	71	0.00009	0.00183	0.000678	0.00595	0.0241	0.0000312	23.1	29.5	0.342	0.0105	664	0.0421	0.0697	0.0000631	0.00213	0.00099	2.2	0.0000985	0.002	0.0016	0.00401	0.00121
2028 Sep	6060	4.66	15.6	0.288	1580	0.335	482	0.000373	0.000373	0.00000744	0.0116	0.0283	0.507	0.028	0.0000097	72.6	0.0000909	0.00186	0.000691	0.00608	0.0239	0.0000315	23.5	30	0.347	0.0108	676	0.0429	0.071	0.0000526	0.00215	0.00101	2.24	0.0001	0.00204	0.0016	0.00395	0.00123
2028 Oct	2930	2.3	7.5	0.139	767	0.184	234	0.000699	0.000699	0.00000618	0.01	0.00995	0.25	0.0224	0.00000726	43.1	0.0000514	0.000999	0.000399	0.00343	0.0359	0.0000203	11.9	15.4	0.172	0.00548	327	0.0211	0.0641	0.0000347	0.00104	0.000503	1.12	0.0000492	0.00102	0.000868	0.00247	0.000589
2028 Nov	2890	2.26	7.39	0.137	754	0.182	230	0.000707	0.000707	0.00000617	0.01	0.00973	0.246	0.0224	0.00000724	42.7	0.0000509	0.000987	0.000395	0.00339	0.0362	0.0000202	11.7	15.2	0.169	0.0054	322	0.0208	0.0642	0.0000345	0.00102	0.000496	1.1	0.0000484	0.00101	0.000857	0.00245	0.00058
2028 Dec	2840	2.23	7.28	0.135	743	0.18	227	0.000711	0.000711	0.00000615	0.00999	0.00961	0.242	0.0223	0.0000072	42.3	0.0000504	0.000975	0.000391	0.00336	0.0364	0.00002	11.6	15	0.167	0.00533	317	0.0205	0.0641	0.0000343	0.00101	0.000489	1.08	0.0000478	0.000995	0.000847	0.00243	0.000571
2029 Jan	2830	2.22	7.23	0.134	739	0.179	226	0.000713	0.000713	0.00000615	0.00997	0.00956	0.241	0.0224	0.00000719	42.3	0.0000501	0.000971	0.000392	0.00335	0.0368	0.00002	11.5	14.9	0.166	0.0053	315	0.0203	0.0641	0.0000364	0.001	0.000486	1.08	0.0000475	0.000989	0.000848	0.00242	0.000568
2029 Feb	2820	2.21	7.21	0.133	737	0.179	225	0.000714	0.000714	0.00000614	0.00996	0.00953	0.24	0.0226	0.00000718	42.3	0.00005	0.00097	0.000395	0.00334	0.0373	0.0000199	11.5	14.9	0.166	0.00528	314	0.0203	0.0641	0.0000396	0.001	0.000485	1.08	0.0000473	0.000986	0.000852	0.00242	0.000566
2029 Mar	2810	2.21	7.19	0.133	735	0.178	224	0.000715	0.000715	0.00000614	0.00995	0.00952	0.24	0.0227	0.00000718	42.4	0.00005	0.00097	0.000397	0.00334	0.0377	0.0000199	11.4	14.8	0.166	0.00527	313	0.0202	0.0641	0.0000417	0.000999	0.000484	1.07	0.0000472	0.000984	0.000855	0.00242	0.000565
2029 Apr	2810	2.2	7.18	0.133	734	0.178	224	0.000716	0.000716	0.00000614	0.00995	0.00951	0.239	0.0228	0.00000718	42.4	0.00005	0.00097	0.000398	0.00334	0.038	0.0000199	11.4	14.8	0.167	0.00527	313	0.0202	0.0642	0.0000432	0.000998	0.000484	1.07	0.0000472	0.000983	0.000858	0.00242	0.000564
2029 May	2820	2.22	7.22	0.134	738	0.179	225	0.000719	0.000719	0.00000617	0.01	0.0112	0.241	0.023	0.00000722	42.7	0.0000502	0.000976	0.000402	0.00336	0.0383	0.00002	11.5	14.9	0.168	0.00529	315	0.0203	0.0645	0.0000446	0.001	0.000487	1.08	0.0000474	0.000988	0.000864	0.00243	0.000567
2029 Jun	2770	2.15	7.1	0.132	724	0.17	221	0.000735	0.000735	0.00000621	0.00977	0.0497	0.236	0.0211	0.00000723	40.5	0.0000519	0.000963	0.000385	0.00321	0.0368	0.0000199	11.3	14.5	0.166	0.00509	309	0.02	0.0615	0.0000545	0.0104	0.00048	1.06	0.0000467	0.000963	0.000932	0.0027	0.000558
2029 Jul	3650	2.83	9.48	0.175	955	0.209	290	0.000625	0.000625	0.00000651	0.00987	0.0128	0.31	0.0211	0.00000786	47.3	0.000064	0.00121	0.000452	0.00387	0.0306	0.0000229	14.6	18.5	0.216	0.00652	409	0.0261	0.0603	0.0000789	0.0014	0.000622	1.38	0.0000618	0.00125	0.00117	0.00328	0.000746
2029 Aug	5720	4.4	14.8	0.273	1500	0.316	455	0.000419	0.000419	0.00000737	0.0113	0.0239	0.48	0.0268	0.0000095	68.8	0.0000872	0.00177	0.000655	0.00574	0.0245	0.0000304	22.3	28.4	0.33	0.0102	639	0.0405	0.0688	0.0000616	0.00205	0.000953	2.12	0.000095	0.00192	0.00155	0.00393	0.00116
2029 Sep	6340	4.87	16.3	0.302	1660	0.349	505	0.000345	0.000345	0.00000756	0.0118	0.0291	0.531	0.0286	0.00000993	75.3	0.0000944	0.00194	0.000718	0.00632	0.0227	0.0000326	24.5	31.4	0.363	0.0113	708	0.0449	0.0717	0.0000535	0.00225	0.00105	2.34	0.000105	0.00213	0.00166	0.00408	0.00128
2029 Oct	6060	4.67	15.6	0.289	1580	0.336	482	0.000374	0.000374	0.00000745	0.0117	0.0257	0.508	0.0281	0.00000971	72.7	0.000091	0.00187	0.000692	0.00608	0.024	0.0000315	23.5	30.1	0.348	0.0108	677	0.0429	0.0714	0.0000517	0.00215	0.00101	2.25	0.001	0.00204	0.0016	0.00395	0.00123
2029 Nov	5060	3.92	13.1	0.241	1320	0.287	403	0.000474	0.000474	0.00000704	0.0111	0.0174	0.425	0.0263	0.00000892	63.2	0.0000783	0.00159	0.000597	0.00523	0.0276	0.0000279	19.8	25.4	0.292	0.0091	565	0.0359	0.069	0.0000463	0.00179	0.000845	1.89	0.0000842	0.00172	0.00136	0.00347	0.00103
2029 Dec	4960	3.84	12.8	0.236	1300	0.282	395	0.000485	0.000485	0.000007	0.011	0.0171	0.417	0.0261	0.00000884	62.3	0.0000771	0.00156	0.000588	0.00515	0.028	0.0000275	19.5	24.9	0.286	0.00894	554	0.0352	0.0687	0.0000457	0.00176	0.000829	1.85	0.0000826	0.00168	0.00134	0.00342	0.00101
2030 Jan	4930	3.82	12.7	0.235	1290	0.281	393	0.000488	0.000488	0.00000699	0.011	0.017	0.415	0.0262	0.00000882	62.1	0.0000767	0.00156	0.000588	0.00512	0.0284	0.0000274	19.4	24.8	0.285	0.00888	551	0.035	0.0687	0.0000477	0.00175	0.000824	1.84	0.0000821	0.00167	0.00134	0.00341	0.001
2030 Feb	4910	3.81	12.7	0.234	1290	0.28	391	0.00049	0.00049	0.00000698	0.011	0.0169	0.413	0.0263	0.00000881	62.1	0.0000765	0.00155	0.00059	0.00511	0.029	0.0000274	19.3	24.7	0.285	0.00885	549	0.0349	0.0687	0.0000507	0.00174	0.000822	1.84	0.0000818	0.00167	0.00134	0.0034	0.000997
2030 Mar	4900	3.8	12.7	0.234	1280	0.28	391	0.000491	0.000491	0.00000698	0.011	0.0169	0.413	0.0264	0.0000088	62.1	0.0000764	0.00155	0.000591	0.00511	0.0293	0.0000273	19.3	24.7	0.284	0.00884	548	0.0348	0.0687	0.0000526	0.00174	0.000821	1.83	0.0000817	0.00167	0.00134	0.0034	0.000995
2030 Apr	4900	3.8	12.7	0.234	1280	0.279	390	0.000492	0.000492	0.00000698	0.011	0.0169	0.412	0.0265	0.0000088	62.1	0.0000763	0.00155	0.000592	0.0051	0.0296	0.0000273	19.3	24.7	0.284	0.00883	548	0.0348	0.0688	0.0000554	0.00174	0.00082	1.83	0.0000816	0.00166	0.00134	0.0034	0.000994
2030 May	4920	3.81	12.7	0.234	1290	0.28	392	0.000495	0.000495	0.00000701	0.0111	0.0312	0.414	0.0267	0.00000884	62.4	0.0000767	0.00156	0.000596	0.00513	0.0299	0.0000274	19.4	24.8	0.286	0.00887	550	0.0349	0.0691	0.0000553	0.00175	0.000824	1.84	0.0000819	0.00167	0.00135	0.00342	0.000998
2030 Jun	3770	2.91	9.75	0.18	987	0.216	300	0.000614	0.000614	0.00000655	0.0101	0.0227	0.319	0.022	0.00000795	49.1	0.000065	0.00124	0.000471	0.00401	0.0312	0.0000234	15	19.2	0.223	0.00676	422	0.027	0.0618	0.0000737	0.00142	0.000641	1.42	0.0000633	0.00129	0.00118	0.00324	0.000766
2030 Jul	5430	4.17	14	0.258	1420	0.301	432	0.000447	0.000447	0.00000724	0.011	0.0215	0.455	0.0259	0.00000926	65.6	0.0000838	0.00169	0.000627	0.00548	0.0259	0.0000293	21.1	27	0.313	0.00963	606	0.0385	0.0676	0.0000675	0.00196	0.000906	2.01	0.0000901	0.00183	0.0015	0.00383	0.0011
2030 Aug	6330	4.86	16.3	0.301	1660	0.348	504	0.000345	0.000345	0.00000755	0.0115	0.0312	0.53	0.0284	0.00000992	75	0.0000936	0.00193	0.000715	0.0063	0.0224	0.0000325	24.5	31.3	0.363	0.0112	706	0.0448	0.0706	0.0000565	0.00225	0.00105	2.34	0.000105	0.00212	0.00165	0.00408	0.00128
2030 Sep	6600	5.06	17	0.314	1720	0.361	525	0.000317	0.000317	0.00000766	0.0118	0.0376	0.552	0.029	0.0000101	77.7	0.0000975	0.00201	0.000742	0.00653	0.0216	0.0000335	25.5	32.6	0.377	0.0117	736	0.0467	0.072	0.0000555	0.00234	0.00109	2.44	0.000109	0.00221	0.00172	0.0042	0.00134
2030 Oct	6340	4.88	16.4	0.302	1660	0.349	505	0.000345	0.000345	0.00000757	0.0118	0.0252	0.531	0.0287	0.00000994	75.4	0.0000946	0.00194	0.000718	0.00632	0.0229	0.0000325	24.6	31.4	0.363	0.0113	708	0.0449	0.072	0.0000533	0.00225	0.00105	2.35	0.000105	0.00213	0.00166	0.00408	0.00129
2030 Nov	5660	4.37	14.6	0.27	1480	0.317	451	0.000415	0.000415	0.0000073	0.0114	0.0197	0.475	0.0274	0.00000941	69	0.000086	0.00176	0.000655	0.00575	0.0255	0.0000301	22.1	28.2	0.326	0.0101	633	0.0401	0.0705	0.0000496	0.00201	0.000943	2.11	0.000094	0.00191	0.0015	0.00376	0.00115
2030 Dec	5540	4.28	14.3	0.264	1450	0.31	441	0.000428	0.000428	0.00000725	0.0114	0.0193	0.465	0.0272	0.00000931	67.8	0.0000844	0.00172	0.000643	0.00564	0.026	0.0000296	21.6	27.6	0.318	0.00991	619	0.0392	0.0702	0.0000489	0.00196	0.000922	2.06	0.000092	0.00187	0.00147	0.0037	0.00112
2031 Jan	5490	4.24	14.2	0.262	1440	0.308	437	0.000433	0.000433	0.00000723	0.0114	0.0192	0.461	0.0273	0.00000928	67.5	0.0000838	0.00171	0.000642	0.0056	0.0266	0.0000295	21.5	27.4	0.317	0.00984	614	0.0389	0.0702	0.0000516	0.00195	0.000915	2.04	0.0000912	0.00186	0.00147	0.00368	0.00111
2031 Feb	5470	4.23	14.1	0.261	1430	0.307	435	0.000435	0.000435	0.00000722	0.0113	0.0191	0.459	0.0275	0.00000926	67.5	0.0000836	0.00171	0.000644	0.00559	0.0273	0.0000294	21.4	27.3	0.316	0.00979	611	0.0388	0.0702	0.0000556	0.00194	0.000912	2.04	0.0000908	0.00185	0.00147	0.00367	0.00111
2031 Mar	5450	4.21	14.1	0.26	1430	0.306	434	0.000437	0.000437	0.00000721	0.0113	0.019	0.458	0.0276	0.00000925	67.4	0.0000834	0.0017	0.000646	0.00558	0.0278	0.0000293	21.3	27.3	0.316	0.00977	609	0.0387	0.0702	0.0000583	0.00194	0.00091	2.03	0.0000906	0.00184	0.00147	0.00367	0.00111
2031 Apr	5460	4.22	14.1	0.26	1430	0.306	435	0.00044	0.00044	0.00000723	0.0113	0.0299	0.458	0.0278	0.00000926	67.6	0.0000835	0.00171	0.000649	0.00559	0.0282	0.0000294	21.3	27.3	0.316	0.00977	610	0.0387	0.0704	0.0000604	0.00194	0.00091	2.03	0.0000906	0.00185	0.00148	0.00367	0.00111
2031 May	5400	4.16	13.9	0.256	1400	0.303	430	0.000456	0.000456	0.00000726	0.0113	0.0631	0.453	0.0289	0.00000927	67.9	0.0000831	0.0017	0.000666	0.00555	0.0317	0.0000293	21.2	27.2	0.317	0.00966	600	0.0383	0.0708	0.0000986	0.00192	0.000905	2.02	0.0000897	0.00183	0.00151	0.00368	0.00109
2031 Jun	3760	2.87	9.54	0.175	929	0.214	300	0.00062	0.00062	0.00000656	0.00977	0.0244	0.316	0.0323	0.00000795	56.8	0.0000646	0.00132	0.000656	0.00419	0.0567	0.0000233	15.3	20.2	0.254	0.00672	404	0.027	0.0656	0.000372	0.00142	0.000667	1.45	0.000063	0.00128	0.00147	0.00319	0.000761
2031 Jul	3980	3.04	10.1	0.185	981	0.226	317	0.000609	0.000609	0.00000671	0.01	0.0254	0.335	0.0322	0.00000819	58.6	0.0000675	0.00138	0.000664	0.00438	0.0546	0.0000242	16.2	21.2	0.264	0.00711	427	0.0286	0.0668	0.0000349	0.00149	0.0007	1.53	0.0000667	0.00136	0.00149	0.0033	0.000808
2031 Aug	4430	3.38	11.3	0.206	1090	0.249	353	0.000567	0.000567	0.00000693	0.0104	0.0259	0.373	0.032	0.00000857	62.1	0.0000728	0.00149	0.000681	0.00476	0.0497	0.0000258	17.8	23.2	0.285	0.00791	474	0.0317	0.0682	0.0000305	0.00164	0.000769	1.69	0.0000742	0.00151	0.00154	0.00347	0.000902
2031 Sep	4730	3.62	12.1	0.22	1160	0.266	377	0.000532	0.000532	0.00000705	0.0106	0.0253	0.398	0.0312	0.0000088	64.1	0.0000761	0.00156	0.000681	0.005	0.0446	0.0000269	18.9	24.5	0.297	0.00847	506	0.0337	0.069	0.0000254	0.00174	0.000813	1.8	0.0000795	0.00161	0.00154	0.00356	0.000967
2031 Oct	4710	3.61	12	0.219	1150	0.266	375	0.000528	0.000528	0.00000702	0.0106	0.0234	0.396	0.03	0.00000876	63.1	0.0000754	0.00155	0.000654	0.00497	0.0413	0.0000267	18.8	24.2	0.291	0.00845	502	0.0335	0.0688	0.000211	0.00171	0.000804	1.79	0.0000792	0.0016	0.00148	0.00349	0.000963
2031 Nov	4650	3.57	11.9	0.217	1130	0.264	371	0.000533	0.

Appendix D.2-26: FZO01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1.98	0.00176	0.000529	0.0000137	0.503	0.000275	0.172	0.0000137	0.0000137	6.87E-08	0.0000811	0.0000385	0.0000948	0.000996	6.87E-08	0.79	0.000000275	9.62E-06	0.0000165	0.0000261	0.00261	1.37E-07	0.0459	0.111	0.00282	0.00000405	0.172	0.0000357	0.000962	0.0000131	0.00000316	0.00000179	0.00427	2.75E-08	0.00000137	0.0000289	0.0000213	0.0000137
Operation (2026-2036): Mean	4240	3.27	10.9	0.197	1010	0.243	339	0.000524	0.000524	0.00000661	0.01	0.0212	0.359	0.0261	0.00000817	56.3	0.0000689	0.0014	0.000561	0.00049	0.0348	0.0000245	17.1	21.8	0.258	0.00768	448	0.0302	0.0643	0.000136	0.00155	0.000723	1.63	0.0000723	0.00145	0.0013	0.00323	0.000913
Operation (2026-2036): Max	6600	5.06	17	0.314	1720	0.361	525	0.000735	0.000735	0.00000766	0.0118	0.0631	0.552	0.0323	0.0000101	77.7	0.0000975	0.00201	0.000742	0.00653	0.0567	0.0000335	25.5	32.6	0.377	0.0117	736	0.0467	0.072	0.000372	0.00234	0.00109	2.44	0.000109	0.00221	0.00172	0.0042	0.00134
2032 Nov	4400	3.37	11.2	0.203	1030	0.25	351	0.000554	0.000554	0.00000691	0.0104	0.0212	0.373	0.0261	0.00000854	57.6	0.0000722	0.00145	0.000569	0.00462	0.0344	0.0000256	17.7	22.5	0.267	0.00794	458	0.0313	0.0659	0.000132	0.00163	0.000749	1.68	0.0000751	0.0015	0.00135	0.00345	0.000913
2032 Dec	4390	3.36	11.2	0.202	1020	0.25	350	0.000555	0.000555	0.0000069	0.0104	0.021	0.372	0.026	0.00000852	57.4	0.0000072	0.00144	0.000567	0.00461	0.0344	0.0000255	17.7	22.4	0.266	0.00791	456	0.0312	0.0659	0.000131	0.00162	0.000747	1.68	0.0000748	0.0015	0.00135	0.00344	0.00091
2033 Jan	4380	3.35	11.2	0.202	1020	0.25	350	0.000555	0.000555	0.0000069	0.0104	0.021	0.371	0.026	0.00000852	57.4	0.0000072	0.00144	0.000567	0.0046	0.0345	0.0000255	17.7	22.4	0.265	0.0079	456	0.0312	0.0659	0.000131	0.00162	0.000746	1.68	0.0000748	0.0015	0.00135	0.00344	0.000909
2033 Feb	4380	3.35	11.2	0.202	1020	0.249	349	0.000556	0.000556	0.0000069	0.0104	0.021	0.371	0.026	0.00000852	57.4	0.0000719	0.00144	0.000567	0.0046	0.0345	0.0000255	17.6	22.4	0.265	0.0079	455	0.0312	0.0659	0.000131	0.00162	0.000746	1.67	0.0000747	0.0015	0.00135	0.00344	0.000908
2033 Mar	4380	3.35	11.2	0.202	1020	0.249	349	0.000556	0.000556	0.0000069	0.0104	0.021	0.371	0.0261	0.00000852	57.4	0.0000719	0.00144	0.000567	0.0046	0.0346	0.0000255	17.6	22.4	0.265	0.0079	455	0.0312	0.0659	0.000132	0.00162	0.000746	1.67	0.0000747	0.0015	0.00135	0.00344	0.000908
2033 Apr	4380	3.35	11.2	0.202	1020	0.25	350	0.000556	0.000556	0.0000069	0.0104	0.021	0.371	0.0261	0.00000852	57.4	0.0000072	0.00144	0.000568	0.0046	0.0346	0.0000255	17.7	22.4	0.266	0.0079	456	0.0312	0.0659	0.000132	0.00162	0.000746	1.68	0.0000748	0.0015	0.00135	0.00344	0.000909
2033 May	4280	3.27	10.9	0.197	994	0.244	341	0.000568	0.000568	0.0000068	0.0103	0.0216	0.363	0.0267	0.00000844	57	0.0000708	0.00142	0.000574	0.00453	0.0372	0.0000251	17.3	22	0.263	0.00772	444	0.0305	0.0659	0.000159	0.00159	0.000732	1.64	0.000073	0.00146	0.00136	0.0034	0.000887
2033 Jun	4190	3.21	10.7	0.192	957	0.239	334	0.000571	0.000571	0.0000068	0.0102	0.0208	0.355	0.0274	0.00000835	56.9	0.0000697	0.00141	0.000583	0.00446	0.0398	0.0000247	17	21.7	0.261	0.00757	430	0.0298	0.0657	0.000191	0.00156	0.00072	1.62	0.0000719	0.00144	0.00137	0.00337	0.000872
2033 Jul	4280	3.28	10.9	0.196	973	0.244	341	0.000566	0.000566	0.0000068	0.0103	0.021	0.363	0.0276	0.00000845	57.8	0.0000708	0.00143	0.000589	0.00454	0.0392	0.000025	17.4	22.1	0.266	0.00774	439	0.0305	0.0663	0.000186	0.00159	0.000734	1.65	0.0000736	0.00147	0.00138	0.00341	0.000894
2033 Aug	4340	3.33	11.1	0.199	986	0.248	347	0.000565	0.000565	0.0000069	0.0104	0.0214	0.369	0.0278	0.00000854	58.5	0.0000717	0.00145	0.000595	0.0046	0.0391	0.0000253	17.7	22.4	0.27	0.00786	445	0.0309	0.0668	0.000185	0.00161	0.000745	1.68	0.0000748	0.00149	0.00139	0.00344	0.000909
2033 Sep	4410	3.39	11.3	0.203	997	0.252	352	0.000556	0.000556	0.0000069	0.0104	0.0215	0.375	0.0278	0.0000086	59.1	0.0000725	0.00147	0.000598	0.00466	0.0384	0.0000256	18	22.7	0.274	0.00799	451	0.0314	0.0671	0.000178	0.00163	0.000756	1.71	0.0000761	0.00151	0.0014	0.00346	0.000925
2033 Oct	4380	3.37	11.2	0.201	985	0.251	350	0.000554	0.000554	0.0000069	0.0104	0.0208	0.372	0.0275	0.00000855	58.7	0.0000719	0.00146	0.000589	0.00463	0.0375	0.0000254	17.9	22.6	0.271	0.00796	447	0.0311	0.067	0.000166	0.00162	0.000749	1.7	0.0000758	0.00151	0.00137	0.00342	0.000921
2033 Nov	4360	3.36	11.1	0.2	981	0.25	349	0.000556	0.000556	0.0000069	0.0104	0.0207	0.371	0.0275	0.00000854	58.5	0.0000716	0.00146	0.000587	0.00462	0.0375	0.0000253	17.8	22.5	0.27	0.00793	445	0.031	0.067	0.000165	0.00161	0.000747	1.69	0.0000755	0.0015	0.00137	0.00341	0.000918
2033 Dec	4360	3.35	11.1	0.2	980	0.25	348	0.000556	0.000556	0.0000069	0.0104	0.0207	0.371	0.0275	0.00000854	58.5	0.0000716	0.00146	0.000586	0.00462	0.0375	0.0000253	17.8	22.5	0.27	0.00793	445	0.031	0.067	0.000165	0.00161	0.000746	1.69	0.0000755	0.0015	0.00137	0.00341	0.000918
2034 Jan	4360	3.35	11.1	0.2	980	0.25	348	0.000556	0.000556	0.0000069	0.0104	0.0207	0.371	0.0275	0.00000854	58.5	0.0000716	0.00146	0.000586	0.00462	0.0376	0.0000253	17.8	22.5	0.27	0.00793	445	0.031	0.067	0.000165	0.00161	0.000746	1.69	0.0000755	0.0015	0.00137	0.00341	0.000917
2034 Feb	4360	3.35	11.1	0.2	980	0.25	348	0.000556	0.000556	0.0000069	0.0104	0.0207	0.371	0.0275	0.00000854	58.5	0.0000716	0.00146	0.000586	0.00462	0.0376	0.0000253	17.8	22.5	0.27	0.00792	445	0.031	0.067	0.000165	0.00161	0.000746	1.69	0.0000755	0.0015	0.00137	0.00341	0.000917
2034 Mar	4360	3.35	11.1	0.2	980	0.25	348	0.000556	0.000556	0.0000069	0.0104	0.0207	0.371	0.0275	0.00000854	58.5	0.0000716	0.00146	0.000587	0.00462	0.0376	0.0000253	17.8	22.5	0.27	0.00792	445	0.031	0.067	0.000165	0.00161	0.000746	1.69	0.0000755	0.0015	0.00137	0.00341	0.000917
2034 Apr	4360	3.35	11.1	0.2	980	0.25	349	0.000556	0.000556	0.0000069	0.0104	0.0207	0.371	0.0275	0.00000854	58.5	0.0000716	0.00146	0.000587	0.00462	0.0376	0.0000253	17.8	22.5	0.27	0.00793	445	0.031	0.0671	0.000165	0.00161	0.000746	1.69	0.0000755	0.0015	0.00137	0.00341	0.000918
2034 May	4340	3.34	11.1	0.199	975	0.249	347	0.00056	0.00056	0.0000069	0.0104	0.0218	0.369	0.0277	0.00000854	58.5	0.0000714	0.00145	0.000589	0.00461	0.0383	0.0000253	17.8	22.4	0.27	0.00789	443	0.0309	0.0671	0.000172	0.0016	0.000744	1.69	0.0000752	0.00149	0.00137	0.00341	0.000914
2034 Jun	4160	3.2	10.6	0.191	926	0.239	333	0.000577	0.000577	0.0000068	0.0102	0.0207	0.354	0.0286	0.00000838	57.7	0.0000693	0.00142	0.000597	0.00447	0.0423	0.0000246	17.1	21.7	0.264	0.00758	422	0.0297	0.0668	0.000215	0.00155	0.000719	1.63	0.0000723	0.00143	0.00138	0.00334	0.000877
2034 Jul	4250	3.27	10.8	0.194	938	0.244	339	0.00057	0.00057	0.0000069	0.0102	0.0209	0.361	0.0286	0.00000847	58.4	0.0000703	0.00144	0.000601	0.00454	0.0416	0.0000249	17.5	22.1	0.269	0.00773	429	0.0302	0.0672	0.000209	0.00157	0.000732	1.66	0.0000738	0.00146	0.00139	0.00337	0.000897
2034 Aug	4280	3.3	10.9	0.196	946	0.246	342	0.000572	0.000572	0.0000069	0.0103	0.0211	0.365	0.0288	0.00000853	58.9	0.0000709	0.00145	0.000605	0.00458	0.0417	0.0000251	17.6	22.3	0.271	0.0078	432	0.0305	0.0677	0.000209	0.00159	0.000738	1.67	0.0000745	0.00148	0.0014	0.0034	0.000905
2034 Sep	4320	3.33	11	0.197	949	0.248	346	0.000567	0.000567	0.0000069	0.0103	0.0211	0.368	0.0288	0.00000856	59.2	0.0000713	0.00146	0.000606	0.00461	0.0411	0.0000252	17.8	22.5	0.273	0.00788	435	0.0307	0.0679	0.000203	0.0016	0.000744	1.69	0.0000753	0.00149	0.0014	0.00341	0.000915
2034 Oct	4310	3.32	11	0.197	942	0.248	344	0.000565	0.000565	0.0000069	0.0103	0.0208	0.367	0.0285	0.00000854	58.9	0.0000071	0.00146	0.000599	0.00459	0.0404	0.0000251	17.8	22.4	0.271	0.00787	433	0.0306	0.0678	0.000194	0.00159	0.000741	1.69	0.0000752	0.00149	0.00138	0.00338	0.000914
2034 Nov	4300	3.31	11	0.196	939	0.247	344	0.000567	0.000567	0.0000069	0.0103	0.0207	0.366	0.0285	0.00000853	58.8	0.0000708	0.00145	0.000598	0.00459	0.0404	0.0000251	17.7	22.3	0.27	0.00785	432	0.0306	0.0678	0.000193	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2034 Dec	4300	3.31	11	0.196	939	0.247	344	0.000567	0.000567	0.0000069	0.0103	0.0207	0.366	0.0285	0.00000853	58.8	0.0000708	0.00145	0.000598	0.00458	0.0404	0.0000251	17.7	22.3	0.27	0.00785	431	0.0305	0.0678	0.000193	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2035 Jan	4300	3.31	11	0.196	939	0.247	344	0.000567	0.000567	0.0000069	0.0103	0.0207	0.366	0.0285	0.00000853	58.8	0.0000708	0.00145	0.000598	0.00458	0.0404	0.0000251	17.7	22.3	0.27	0.00785	431	0.0305	0.0678	0.000193	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2035 Feb	4300	3.31	11	0.196	939	0.247	344	0.000567	0.000567	0.0000069	0.0103	0.0207	0.366	0.0285	0.00000853	58.8	0.0000708	0.00145	0.000598	0.00458	0.0404	0.0000251	17.7	22.3	0.27	0.00785	431	0.0305	0.0678	0.000193	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2035 Mar	4300	3.31	11	0.196	939	0.247	344	0.000567	0.000567	0.0000069	0.0103	0.0207	0.366	0.0285	0.00000853	58.8	0.0000708	0.00145	0.000598	0.00458	0.0404	0.0000251	17.7	22.3	0.27	0.00785	431	0.0305	0.0678	0.000193	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2035 Apr	4300	3.31	11	0.196	939	0.247	344	0.000567	0.000567	0.0000069	0.0103	0.0207	0.366	0.0285	0.00000854	58.8	0.0000708	0.00145	0.000598	0.00459	0.0404	0.0000251	17.7	22.3	0.27	0.00785	431	0.0305	0.0678	0.000194	0.00159	0.000739	1.68	0.000075	0.00148	0.00138	0.00338	0.000912
2035 May	4310	3.32	11	0.197	941	0.248	344	0.000568	0.000568	0.0000069	0.0104	0.0212	0.367	0.0286	0.00000855	58.9	0.0000071	0.00146	0.0006	0.00459	0.0405	0.0000251	17.8	22.4	0.271	0.00786	432	0.0306	0.0679	0.000194	0.00159	0.000741	1.69	0.0000752	0.00149	0.00138	0.00338	0.000914
2035 Jun	4120	3.17	10.5	0.187	889	0.238	329	0.000583	0.000583	0.0000069	0.0102	0.0205	0.351	0.0281	0.00000838	57	0.0000688	0.0014	0.000583	0.00442	0.0412	0.0000244	17.1	21.5	0.261	0.00753	410	0.0293	0.0669	0.0002	0.00153	0.00071	1.62	0.0000721	0.00142	0.00135	0.00332	0.000876
2035 Jul	4160	3.2	10.6	0.189	892	0.24	332	0.000581	0.000581	0.0000069	0.0102	0.0205	0.355	0.0281	0.00000843	57.3	0.0000693	0.00142	0.000584	0.00445	0.0407	0.0000245	17.2	21.6	0.263	0.0076	413	0.0295	0.0671	0.000196	0.00154	0.000717	1.63	0.0000729	0.00144	0.00135	0.00334	0.000886
2035 Aug	4210	3.24	10.7	0.191	900	0.243	337	0.000578	0.000578	0.0000069	0.0103	0.0207	0.359	0.0282	0.00000849	57.9	0.00007	0.00143	0.000588	0.0045	0.0405	0.0000247	17.5	21.9	0.266	0.0077	417	0.0299	0.0675	0.000194	0.00156	0.000725	1.66	0.0000739	0.00146	0.00136	0.00337	0.000898
2035 Sep	4230	3.26	10.8	0.192	899	0.244	338	0.000575	0.000575	0.0000069	0.0103	0.0206	0.361	0.0281	0.0000085	58	0.0000701	0.00144	0.000586	0.00451	0.0399	0.0000248	17.5	22	0.267	0.00775	418	0.03	0.0676	0.000188	0.00157	0.000728	1.67	0.0000744	0.00146	0.00136	0.00337	0.000904
2035 Oct	4240	3.27	10.8	0.192	898	0.245	339	0.000572	0.000572	0.0000069	0.0103	0.0205	0.362	0.0281	0.00000851	58	0.0000702	0.00144	0.000586	0.00452	0.0397	0.0000248	17.6	22	0.267	0.00777	418	0.0301	0.0676	0.000185	0.00157	0.000729	1.67	0.0000746	0.00147	0.00136	0.00337	0.000907
2035 Nov	4240	3.27	10.8	0.192	897	0.245	339	0.000571	0.000571	0.0000069	0.0103	0.0204	0.362	0.028	0.0000085	58	0.0000702	0.00144	0.000584	0.00452	0.0395	0.0000248	17.6	22	0.267	0.00777	418	0.0301	0.0676	0.000183	0.00157	0.000729	1.67	0.0000747	0.00147	0.00135	0.00336	0.000907
2035 Dec	4230	3.27	10.8	0.192	896	0.245	339	0.000572	0.000572	0.0000069	0.0103	0.0204	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000584	0.00452	0.0395	0.0000248	17.6	22	0.267	0.00777	418	0.0301	0.0676	0.000183	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000907
2036 Jan	4230	3.27	10.8	0.192	896	0.245	339	0.000572	0.000572	0.0000069	0.0103	0.0204	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000584	0.00452	0.0395	0.0000248	17.6	22	0.267	0.00776	418	0.0301	0.0676	0.000183	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000906
2036 Feb	4230	3.27	10.8	0.192	896	0.245	339	0.000572	0.000572	0.0000069	0.0103	0.0204	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000584	0.00452	0.0395	0.0000248	17.6	22	0.267	0.00776	418	0.0301	0.0676	0.000183	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000906
2036 Mar	4230	3.27	10.8	0.192	896	0.245	339	0.000572	0.000572	0.0000069	0.0103	0.0204	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000584	0.00452	0.0395	0.0000248	17.6	22	0.267	0.00776	418	0.0301	0.0676	0.000183	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000906
2036 Apr	4230	3.27	10.8	0.192	896	0.245	339	0.000572	0.000572	0.0000069	0.0103	0.0207	0.362	0.028	0.0000085	58	0.0000701	0.00144	0.000584	0.00452	0.0395	0.0000248	17.6	22	0.267	0.00777	418	0.0301	0.0676	0.000183	0.00157	0.000728	1.67	0.0000746	0.00147	0.00135	0.00336	0.000907
2036 May	4240	3.27	10.8	0.193	898	0.245	340	0.000573	0.000573	0.0000069	0.0103	0.0213	0.363	0.0281	0.00000852	58.1	0.0000703	0.00144	0.000585	0.00453	0.0396	0.0000248	17.6	22.1	0.267	0.00778	419	0.0301	0.0677	0.000183	0.00157	0.00073	1.67	0.0000748	0.00147	0.00135	0.00337	0.000909
2036 Jun	4190	3.23	10.7	0.19	880	0.243	335	0.000576	0.000576	0.0000069	0.0103	0.0208	0.358	0.0277	0.00000847	57.4	0.0000697	0.00143	0.000576	0.00447	0.0391	0.0000246	17.4	21.8	0.264	0.00769	412	0.0298	0.0673	0.000178	0.00155	0.000721	1.65	0.000074	0.00145	0.00134	0.00335	0.000899
2036 Jul	4200	3.24	10.7	0.19	876	0.243	336	0.000576	0.000576	0.0000069	0.0103	0.0207	0.359	0.0276	0.00000849	57.3	0.0000698	0.00143	0.000574	0.00448	0.0387	0.0000246	17.5	21.8	0.264	0.0077	411	0.0298	0.0673	0.000174	0.00156	0.000722	1.66	0.0000742	0.00145	0.00134	0.00336	0.000902
2036 Aug	4220	3.26	10.8	0.191	880	0.245	338	0.000577	0.000577	0.000007	0.0103	0.0208	0.362	0.0277	0.00000853	57.6	0.0000702	0.00144	0.000577	0.0045	0.0388	0.0000248	17.6	21.9	0.266	0.00776	413	0.03	0.0676	0.000174	0.00157	0.000726	1.67	0.0000747	0.00146	0.00134	0.00338	0.000908
2036 Sep	4260	3.28	10.9	0.193	884	0.246	341	0.000574	0.000574	0.0000070	0.0103	0.021	0.365	0.0277	0.00000856	58	0.0000706	0.00145	0.000579	0.00453	0.0385	0.0000249	17.7	22.1	0.268	0.00782	416	0.0302	0.0678	0.000172	0.00158	0.000732	1.68	0.0000754	0.00148	0.00135	0.00339	0.000916
2036 Oct	4260	3.29	10.9	0.193	883	0.247	341	0.000572	0.000572	0.0000070	0.0103	0.0209	0.365	0.0277	0.00000857	58	0.0000707	0.00145	0.000578	0.00454	0.0383	0.0000249	17.8	22.1	0.268	0.00784	416	0.0303	0.0678	0.00017	0.00158	0.000732	1.69	0.0000755	0.00148	0.00135	0.00339	0.000918
2036 Nov	4260	3.29	10.9	0.193	882	0.247	341	0.000572	0.000572	0.0000070	0.0103	0.0209	0.365	0.0277	0.00000856	58	0.0000706	0.00145	0.000578	0.00454	0.0383	0.0000249	17.8	22.1	0.268	0.00783	415	0.0302	0.0678	0.000169	0.00158	0.000732	1.68	0.0000755	0.00148	0.00135	0.00339	0.000918
2036 Dec	4260	3.28	10.9	0.192	880	0.247	341	0.000573	0.000573	0.0000070	0.0103	0.0208	0.364	0.0276	0.00000856	57.9	0.0000705	0.00145	0.000577	0.00453	0.0383	0.0000249	17.7	22.1	0.267	0.00782	415	0.0302	0.0678	0.000169	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000917
2037 Jan	4250	3.28	10.9	0.192	880	0.246	341	0.000573	0.000573	0.0000070	0.0103	0.0208	0.364	0.0277	0.00000856	57.9	0.0000705	0.00145	0.000577	0.00453	0.0383	0.0000249	17.7	22.1	0.267	0.00782	415	0.0302	0.0678	0.000169	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000916
2037 Feb	4250	3.28	10.9	0.192	880	0.246	341	0.000573	0.000573	0.0000070	0.0103	0.0208	0.364	0.0277	0.00000856	57.9	0.0000705	0.00145	0.000577	0.00453	0.0383	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000169	0.00158	0.000731	1.68	0.0000754	0.00147	0.00134	0.00338	0.000916
2037 Mar	4250	3.28	10.9	0.192	880	0.246	341	0.000573	0.000573	0.0000070	0.0103	0.0208	0.364	0.0277	0.00000856	57.9	0.0000705	0.00145	0.000577	0.00453	0.0383	0.0000249	17.7	22.1	0.267	0.00782	414	0.0302	0.0678	0.000169	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000916
2037 Apr	4260	3.28	10.9	0.192	880	0.246	341	0.000573	0.000573	0.0000070	0.0103	0.0208	0.364	0.0277	0.00000856	57.9	0.0000705	0.00145	0.000577	0.00453	0.0383	0.0000249	17.7	22.1	0.267	0.00782	415	0.0302	0.0678	0.000169	0.00158	0.000731	1.68	0.0000754	0.00148	0.00134	0.00338	0.000917
2037 May	4220	3.24	10.7	0.19	870	0.244	338	0.000576	0.000576	0.0000069	0.0103	0.0205	0.361	0.0278	0.0000085	57.7	0.0000701	0.00143	0.00058	0.00451	0.0391	0.0000248	17.5	21.9	0.265	0.00774	409	0.03	0.0675	0.000177	0.00157	0.000726	1.66	0.0000743	0.00146	0.00135	0.00337	0.000903
2037 Jun	3550	2.6	8.59	0.153	710	0.205	283	0.000636	0.000636	0.0000046	0.00907	0.0166	0.3	0.0245	0.0000077	49.1	0.0000596	0.00119	0.000509	0.00391	0.0368	0.0000212	14.3	18.5	0.22	0.00636	332	0.0254	0.0563	0.000173	0.00132	0.000615	1.35	0.0000598	0.00121	0.00117	0.00295	0.000721
2037 Jul	2710	1.96	6.46	0.115	538	0.162	216	0.000725	0.000725	0.0000069	0.00751	0.0125	0.228	0.0202	0.00000709	38.7	0.0000464

Appendix D.2-26: FZO01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	1.98	0.00176	0.000529	0.0000137	0.503	0.000275	0.172	0.0000137	0.0000137	6.87E-08	0.0000811	0.0000385	0.0000948	0.000996	6.87E-08	0.79	0.000002275	9.62E-06	0.0000165	0.0000261	0.00261	1.37E-07	0.0459	0.111	0.00282	0.00000405	0.172	0.0000357	0.000962	0.0000131	0.00000316	0.00000179	0.00427	2.75E-08	0.00000137	0.0000289	0.0000213	0.0000137
Operation (2026-2036): Mean	4240	3.27	10.9	0.197	1010	0.243	339	0.000524	0.000524	0.00000661	0.01	0.0212	0.359	0.0261	0.00000817	56.3	0.0000689	0.0014	0.000561	0.00449	0.0348	0.0000245	17.1	21.8	0.258	0.00768	448	0.0302	0.0643	0.000136	0.00155	0.000723	1.63	0.0000723	0.00145	0.0013	0.00323	0.000913
Operation (2026-2036): Max	6600	5.06	17	0.314	1720	0.361	525	0.000735	0.000735	0.00000766	0.0118	0.0631	0.552	0.0323	0.0000101	77.7	0.0000975	0.00201	0.000742	0.00653	0.0567	0.0000335	25.5	32.6	0.377	0.0117	736	0.0467	0.072	0.000372	0.00234	0.00109	2.44	0.000109	0.00221	0.00172	0.0042	0.00134
2040 May	783	0.48	1.57	0.0289	142	0.0616	62.3	0.000911	0.000911	0.00000514	0.00456	0.00335	0.0649	0.0126	0.00000544	16.8	0.0000181	0.000302	0.000202	0.00144	0.0249	0.00000622	3.41	4.84	0.0512	0.00133	65.1	0.00598	0.0198	0.000113	0.000314	0.000165	0.284	0.0000123	0.000262	0.000385	0.00135	0.000128
2040 Jun	703	0.425	1.38	0.0255	126	0.0572	55.9	0.000911	0.000911	0.00000507	0.00469	0.00308	0.0585	0.0136	0.00000534	16.8	0.0000178	0.000295	0.000211	0.00138	0.029	0.00000644	3.15	4.57	0.0504	0.0012	57.7	0.00546	0.0221	0.000144	0.000296	0.000155	0.26	0.000011	0.000239	0.000412	0.00137	0.000112
2040 Jul	669	0.402	1.3	0.0241	120	0.0556	53.1	0.000916	0.000916	0.00000507	0.00462	0.00293	0.0556	0.0134	0.00000532	16.4	0.0000173	0.000286	0.000206	0.00135	0.0288	0.00000623	3.02	4.39	0.0482	0.00114	54.7	0.00522	0.0216	0.000142	0.000283	0.000149	0.248	0.0000104	0.000227	0.000401	0.00135	0.000106
2040 Aug	643	0.384	1.24	0.0231	115	0.0544	51.1	0.00092	0.00092	0.00000507	0.00454	0.00281	0.0534	0.0131	0.00000531	16	0.0000168	0.000276	0.0002	0.00132	0.0281	0.00000599	2.92	4.26	0.0462	0.00109	52.4	0.00503	0.0208	0.000137	0.000272	0.000145	0.238	0.0000101	0.000218	0.000386	0.00132	0.000101
2040 Sep	620	0.367	1.18	0.0221	110	0.0532	49.3	0.000924	0.000924	0.00000506	0.00447	0.0027	0.0515	0.0129	0.0000053	15.6	0.0000163	0.000265	0.000196	0.0013	0.0274	0.00000578	2.84	4.13	0.0444	0.00105	50.4	0.00485	0.0201	0.000132	0.000262	0.000141	0.229	0.0000097	0.00021	0.000373	0.0013	0.0000965
2040 Oct	608	0.359	1.16	0.0217	108	0.0527	48.4	0.000925	0.000925	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000953	0.000206	0.000366	0.00129	0.0000945
2040 Nov	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000925	0.000925	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000953	0.000206	0.000366	0.00129	0.0000945
2040 Dec	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000925	0.000925	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000953	0.000206	0.000366	0.00129	0.0000945
2041 Jan	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000925	0.000925	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000953	0.000206	0.000366	0.00129	0.0000945
2041 Feb	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000925	0.000925	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000953	0.000206	0.000366	0.00129	0.0000945
2041 Mar	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000925	0.000925	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000954	0.000206	0.000366	0.00129	0.0000945
2041 Apr	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000926	0.000926	0.00000506	0.00444	0.00264	0.0506	0.0128	0.00000529	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000567	2.8	4.07	0.0435	0.00103	49.4	0.00476	0.0198	0.00013	0.000257	0.000139	0.225	0.00000954	0.000206	0.000366	0.00129	0.0000945
2041 May	608	0.36	1.16	0.0217	108	0.0527	48.4	0.000926	0.000926	0.00000507	0.00444	0.00264	0.0506	0.0128	0.0000053	15.4	0.0000161	0.00026	0.000194	0.00129	0.027	0.00000568	2.8	4.08	0.0436	0.00103	49.4	0.00477	0.0198	0.000131	0.000257	0.000139	0.225	0.00000954	0.000206	0.000366	0.00129	0.0000945
2041 Jun	571	0.334	1.07	0.0201	101	0.0506	45.4	0.000926	0.000926	0.00000503	0.00453	0.00252	0.0476	0.0131	0.00000525	15.4	0.0000161	0.000257	0.000196	0.00126	0.0288	0.00000582	2.67	3.93	0.0428	0.000969	46	0.00452	0.021	0.000141	0.00025	0.000134	0.214	0.00000895	0.000195	0.000378	0.00131	0.0000872
2041 Jul	531	0.307	0.979	0.0185	93.2	0.0484	42.2	0.000926	0.000926	0.000005	0.00456	0.00237	0.0444	0.0132	0.0000052	15.1	0.0000158	0.000251	0.000195	0.00122	0.0298	0.00000584	2.53	3.75	0.0414	0.000901	42.3	0.00426	0.0216	0.000147	0.00024	0.000128	0.201	0.00000832	0.000183	0.000382	0.00131	0.0000794
2041 Aug	515	0.297	0.947	0.0179	90.4	0.0478	41	0.00093	0.00093	0.0000501	0.00451	0.0023	0.0431	0.013	0.0000052	14.9	0.0000155	0.000245	0.000191	0.00121	0.0293	0.00000568	2.47	3.67	0.0401	0.000875	41.1	0.00414	0.0211	0.000144	0.000233	0.000125	0.195	0.0000881	0.000178	0.000371	0.0013	0.0000767
2041 Sep	501	0.287	0.916	0.0173	87.7	0.0471	39.9	0.000933	0.000933	0.0000501	0.00446	0.00223	0.042	0.0129	0.0000052	14.6	0.0000152	0.000238	0.000188	0.00119	0.0287	0.00000552	2.42	3.59	0.0389	0.00085	39.9	0.00403	0.0205	0.00014	0.000227	0.000122	0.19	0.0000079	0.000173	0.000361	0.00128	0.0000742
2041 Oct	494	0.282	0.9	0.0171	86.4	0.0468	39.3	0.000933	0.000933	0.000005	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2041 Nov	494	0.282	0.901	0.0171	86.4	0.0468	39.3	0.000934	0.000934	0.0000501	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2041 Dec	494	0.282	0.901	0.0171	86.4	0.0468	39.3	0.000934	0.000934	0.0000501	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2042 Jan	494	0.282	0.901	0.0171	86.4	0.0468	39.3	0.000934	0.000934	0.0000501	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2042 Feb	494	0.282	0.901	0.0171	86.4	0.0468	39.3	0.000934	0.000934	0.0000501	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2042 Mar	494	0.282	0.901	0.0171	86.4	0.0468	39.3	0.000934	0.000934	0.0000501	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2042 Apr	494	0.282	0.901	0.0171	86.5	0.0468	39.4	0.000934	0.000934	0.0000501	0.00443	0.0022	0.0414	0.0128	0.00000519	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000544	2.4	3.56	0.0383	0.000838	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2042 May	495	0.283	0.901	0.0171	86.5	0.0468	39.4	0.000934	0.000934	0.0000501	0.00444	0.0022	0.0415	0.0128	0.0000052	14.5	0.000015	0.000234	0.000187	0.00119	0.0284	0.00000545	2.4	3.56	0.0384	0.000839	39.3	0.00398	0.0203	0.000138	0.000224	0.000121	0.187	0.0000078	0.00017	0.000356	0.00127	0.0000729
2042 Jun	475	0.27	0.858	0.0163	82.8	0.0457	37.8	0.000934	0.000934	0.0000499	0.00448	0.00213	0.0399	0.0128	0.00000517	14.4	0.000015	0.000232	0.000186	0.00117	0.0291	0.00000552	2.33	3.47	0.0377	0.000806	37.6	0.00386	0.0209	0.000141	0.000221	0.000118	0.181	0.0000751	0.000165	0.000361	0.00128	0.0000693
2042 Jul	455	0.256	0.812	0.0155	78.9	0.0447	36.2	0.000934	0.000934	0.0000498	0.00447	0.00205	0.0383	0.0128	0.00000515	14.2	0.0000149	0.000228	0.000183	0.00115	0.0292	0.00000548	2.26	3.37	0.0366	0.000772	35.8	0.00371	0.0209	0.000141	0.000215	0.000115	0.174	0.0000721	0.000158	0.000358	0.00128	0.0000655
2042 Aug	437	0.245	0.775	0.0148	75.6	0.0438	34.8	0.000935	0.000935	0.0000496	0.00445	0.00198	0.0369	0.0127	0.00000513	13.9	0.0000146	0.000223	0.00018	0.00113	0.0291	0.00000541	2.2	3.28	0.0356	0.000742	34.3	0.00359	0.0208	0.00014	0.000209	0.000112	0.168	0.0000695	0.000153	0.000352	0.00127	0.0000624
2042 Sep	423	0.236	0.747	0.0143	73.2	0.0431	33.7	0.000935	0.000935	0.0000496	0.00443	0.00192	0.0358	0.0126	0.00000512	13.8	0.0000144	0.000217	0.000178	0.00112	0.0288	0.00000531	2.15	3.21	0.0346	0.00072	33.2	0.00349	0.0206	0.000137	0.000203	0.00011	0.164	0.0000677	0.000148	0.000345	0.00126	0.0000602
2042 Oct	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2042 Nov	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2042 Dec	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2043 Jan	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2043 Feb	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2043 Mar	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2043 Apr	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00441	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0287	0.00000527	2.13	3.18	0.0341	0.000709	32.7	0.00343	0.0205	0.000136	0.000201	0.000108	0.161	0.0000668	0.000146	0.000342	0.00126	0.000059
2043 May	416	0.232	0.733	0.0141	72	0.0428	33.2	0.000936	0.000936	0.0000495	0.00442	0.0019	0.0353	0.0125	0.00000511	13.7	0.0000143	0.000215	0.000177	0.00111	0.0288	0.00000528	2.13	3.18	0.0342	0.000709	32.7	0.00343	0.0205	0.000137	0.000201	0.000108	0.161	0.0000668	0.000146	0.000343	0.00126	0.000059
2043 Jun	390	0.217	0.68	0.0131	67.5	0.0413	31.1	0.000933	0.000933	0.0000492	0.00449	0.00183	0.0333	0.0128	0.00000506	13.7	0.0000143	0.000214	0.000179	0.00108	0.0302	0.00000543	2.05	3.09	0.034	0.000669	30.6	0.00326	0.0217	0.000146	0.000197	0.000105	0.155	0.0000632	0.000139	0.000353	0.00127	0.0000547
2043 Jul	383	0.213	0.667	0.0129	66.3	0.0411	30.6	0.000935	0.000935	0.0000492	0.00448	0.0018	0.0328	0.0128	0.00000507	13.6	0.0000142	0.000213	0.000178	0.00108	0.0302	0.00000539	2.03	3.06	0.0336	0.000658	30	0.00321	0.0216	0.000145	0.000194	0.000104	0.153	0.0000623	0.000137	0.000351	0.00127	0.0000536
2043 Aug	384	0.213	0.667	0.0129	66.4	0.0411	30.6	0.000936	0.000936	0.0000493	0.00449	0.00181	0.0328	0.0128	0.00000507	13.6	0.0000142	0.000214	0.000178	0.00108	0.0302	0.0000054	2.03	3.06	0.0336	0.000659	30.1	0.00322	0.0216	0.000146	0.000194	0.000104	0.153	0.0000624	0.000137	0.000352	0.00127	0.0000536
2043 Sep	384	0.213	0.667	0.0129	66.4	0.0411	30.6	0.000936	0.000936	0.0000493	0.00449	0.00181	0.0328	0.0128	0.00000507	13.7	0.0000142	0.000214	0.000178	0.00108	0.0302	0.00000541	2.03	3.06	0.0336	0.000659	30.1	0.00322	0.0216	0.000146	0.000194	0.000104	0.153	0.0000624	0.000137	0.000352	0.00127	0.0000536
2043 Oct	383	0.213	0.666	0.0129	66.3	0.0411	30.6	0.000936	0.000936	0.0000493	0.0045	0.0018	0.0328	0.0128	0.00000507	13.7	0.0000142	0.000214	0.000179	0.00108	0.0303	0.00000541	2.03	3.06	0.0336	0.000659	30	0.00321	0.0217	0.000146	0.000194	0.000104	0.153	0.0000623	0.000137	0.000352	0.00127	0.0000535
2043 Nov	382	0.213	0.664	0.0128	66.1	0.0411	30.5	0.000936	0.000936	0.0000493	0.0045	0.0018	0.0327	0.0128	0.00000507	13.7	0.0000142	0.000214	0.000179	0.00108	0.0303	0.00000542	2.03	3.06	0.0336	0.000658	30	0.00321	0.0217	0.000146	0.000194	0.000104	0.153	0.0000622	0.000137	0.000352	0.00127	0.0000534
2043 Dec	382	0.213	0.664	0.0128	66.1	0.0411	30.5	0.000936	0.000936	0.0000493	0.0045	0.0018	0.0327	0.0128	0.00000507	13.7	0.0000142	0.000214	0.000179	0.00108	0.0303	0.00000542	2.03	3.06	0.0336	0.000657	30	0.00321	0.0217	0.000146	0.000194	0.000104	0.152	0.0000622	0.000137	0.000352	0.00127	0.0000534

Appendix D.2-27: FZO02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.88	0.00255	0.000768	0.00002	0.73	0.000399	0.249	0.00002	0.00002	9.98E-08	0.000118	0.0000559	0.000138	0.00145	9.98E-08	1.15	0.000000399	0.000014	0.0000239	0.0000379	0.00379	0.0000002	0.0666	0.161	0.00409	0.00000589	0.25	0.0000519	0.0014	0.0000191	0.00000459	0.00000259	0.00621	3.99E-08	0.000002	0.0000419	0.0000309	0.0000505
Operation (2026-2036): Mean	4300	2.89	12.5	0.262	1520	0.359	631	0.000607	0.000607	0.00000718	0.012	0.0122	0.478	0.029	0.00000975	125	0.000109	0.00232	0.000774	0.00604	0.0348	0.0000353	14.4	59.6	0.428	0.00655	928	0.0445	0.0711	0.0000899	0.00188	0.000932	2.12	0.000101	0.00235	0.00169	0.00466	0.00155
Operation (2026-2036): Max	6320	6.27	25.7	0.69	2650	0.699	1090	0.00172	0.00172	0.0000219	0.0178	0.0535	0.847	0.0747	0.0000235	233	0.000172	0.0063	0.00135	0.0107	0.0895	0.0000631	43.4	121	1.19	0.0112	1720	0.0838	0.216	0.000636	0.00358	0.00172	6.96	0.000396	0.00522	0.00319	0.00817	0.00589
Active Closure (2037-2043): Min	1030	0.404	1.82	0.0274	304	0.111	223	0.000248	0.000248	0.00000334	0.00616	0.00133	0.158	0.0109	0.00000554	50.8	0.0000367	0.000434	0.000357	0.00271	0.0238	0.0000142	2.64	24.4	0.0725	0.00225	194	0.0168	0.0116	0.0000558	0.000754	0.000376	0.229	0.00000315	0.000534	0.000782	0.00196	0.0000146
Active Closure (2037-2043): Mean	1690	0.753	3.41	0.0526	550	0.157	332	0.000783	0.000783	0.0000043	0.00746	0.00199	0.235	0.0127	0.0000059	72	0.0000516	0.000645	0.000484	0.00367	0.0269	0.00002	3.74	35.8	0.112	0.00332	353	0.0247	0.0136	0.000104	0.00109	0.000539	0.372	0.00000671	0.000815	0.00109	0.00245	0.0000681
Active Closure (2037-2043): Max	5730	3.26	14.9	0.237	2270	0.509	1080	0.00086	0.00086	0.00000449	0.0176	0.00704	0.825	0.0229	0.00000873	230	0.000161	0.00228	0.00135	0.0106	0.0454	0.0000633	12.2	121	0.408	0.0112	1480	0.0835	0.0319	0.000223	0.00359	0.00172	1.51	0.0000387	0.00293	0.00323	0.00619	0.000549
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan																																						
2026 Feb																																						
2026 Mar																																						
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2027 Aug																																						
2027 Sep																																						
2027 Oct																																						
2027 Nov																																						
2027 Dec																																						
2028 Jan	2.88	0.00255	0.000768	0.00002	0.73	0.000399	0.249	0.00002	0.00002	9.98E-08	0.000118	0.0000559	0.000138	0.00145	9.98E-08	1.15	0.000000399	0.000014	0.0000239	0.0000379	0.00379	0.0000002	0.0666	0.161	0.00409	0.00000589	0.25	0.0000519	0.0014	0.0000191	0.00000459	0.00000259	0.00621	3.99E-08	0.000002	0.0000419	0.0000309	
2028 Feb	6.99	0.0062	0.00187	0.0000485	1.77	0.000969	0.606	0.0000485	0.0000485	2.42E-07	0.000286	0.000136	0.000334	0.00351	0.000000242	2.79	0.000000969	0.0000339	0.0000581	0.0000921	0.00921	4.85E-07	0.162	0.392	0.00993	0.0000143	0.608	0.000126	0.00339	0.0000463	0.0000111	0.0000063	0.0151	9.69E-08	0.00000485	0.000102	0.0000751	
2028 Mar	9.62	0.00854	0.00257	0.0000667	2.44	0.00133	0.834	0.0000667	0.0000667	3.34E-07	0.000394	0.000187	0.00046	0.00484	0.000000334	3.84	0.00000133	0.0000467	0.0000801	0.0000127	0.0127	6.67E-07	0.223	0.539	0.0137	0.0000197	0.837	0.000173	0.00467	0.0000638	0.0000153	0.00000867	0.0207	1.33E-07	0.00000667	0.00014	0.000103	
2028 Apr	11.6	0.0103	0.00309	0.0000802	2.94	0.0016	1	0.0000802	0.0000802	4.01E-07	0.000473	0.000225	0.000553	0.00581	0.000000401	4.61	0.0000016	0.0000561	0.0000962	0.0000152	0.0152	8.02E-07	0.268	0.648	0.0164	0.0000237	1.01	0.000209	0.00561	0.0000767	0.0000184	0.0000104	0.0249	0.00000016	0.00000802	0.000168	0.000124	
2028 May	48.9	0.0165	0.0232	0.0000653	9.1	0.00282	6.49	0.0000913	0.0000913	4.59E-07	0.00059	0.0325	0.00236	0.00652	0.000000476	5.68	0.00000238	0.0000671	0.000111	0.0000204	0.0171	0.00000112	0.326	1.02	0.0193	0.0000637	2.87	0.000482	0.00634	0.0000874	0.0000326	0.0000176	0.0305	0.00000019	0.0000174	0.000198	0.000162	
2028 Jun	2390	1.9	7.59	0.198	650	0.218	287	0.000891	0.000891	0.00000867	0.0089	0.0535	0.235	0.0279	0.00000947	52	0.0000693	0.00186	0.000379	0.00289	0.0369	0.0000184	13	19.1	0.343	0.00341	317	0.0185	0.0833	0.000116	0.000877	0.000414	1.93	0.000106	0.00157	0.000869	0.00374	0.00154
2028 Jul	2570	2.08	7.81	0.184	698	0.203	266	0.000621	0.000621	0.00000696	0.00751	0.00941	0.242	0.0224	0.00000784	45.6	0.0000606	0.00158	0.000347	0.00287	0.0251	0.0000168	12.8	17.3	0.291	0.00404	327	0.0193	0.0664	0.0000739	0.000923	0.000435	1.7	0.00009	0.00141	0.000797	0.0031	0.00127
2028 Aug	4710	4.85	19.8	0.529	1470	0.535	551	0.00103	0.00103	0.0000169	0.0112	0.0267	0.545	0.0574	0.0000183	104	0.0000135	0.00479	0.000647	0.00536	0.0301	0.0000026	33.2	37.7	0.901	0.00702	779	0.0372	0.167	0.0000122	0.00145	0.000781	5.27	0.000299	0.00398	0.00107	0.00646	0.00443
2028 Sep	5360	5.38	21.8	0.577	1650	0.587	620	0.00107	0.00107	0.0000181	0.0124	0.026	0.605	0.0624	0.0000197	115	0.0000147	0.00518	0.000726	0.00605	0.032	0.0000029	36.3	42.1	0.975	0.00805	862	0.042	0.18	0.0000121	0.00164	0.000885	5.71	0.000322	0.00435	0.00119	0.00693	0.00477
2028 Oct	3860	3.44	13.5	0.348	1100	0.38	444	0.00102	0.00102	0.0000126	0.0117	0.0134	0.398	0.044	0.0000139	81.9	0.0001101	0.00314	0.000554	0.0046	0.0395	0.0000248	22.6	29.8	0.582	0.00593	550	0.0298	0.128	0.0000795	0.00121	0.000648	3.4	0.000187	0.0027	0.000972	0.0048	0.00274
2028 Nov	3690	3.23	12.6	0.327	1050	0.36	428	0.00101	0.00101	0.0000121	0.0115	0.0126	0.377	0.0422	0.0000133	78.7	0.0000964	0.00296	0.000535	0.00443	0.0398	0.0000242	21.3	28.6	0.547	0.00566	519	0.0284	0.123	0.0000757	0.00116	0.000621	3.19	0.000175	0.00254	0.000941	0.0046	0.00256
2028 Dec	3660	3.21	12.5	0.324	1040	0.358	424	0.00101	0.00101	0.000012	0.0115	0.0125	0.374	0.042	0.0000132	78.2	0.0000958	0.00294	0.000531	0.0044	0.0398	0.0000241	21.1	28.4	0.542	0.00562	514	0.0282	0.123	0.0000753	0.00115	0.000616	3.16	0.000174	0.00252	0.000935	0.00457	0.00254
2029 Jan	3650	3.19	12.5	0.323	1030	0.356	423	0.00101	0.00101	0.000012	0.0115	0.0125	0.373	0.042	0.0000132	78	0.0000955	0.00293	0.000531	0.00439	0.0401	0.0000241	21.1	28.3	0.541	0.00561	513	0.0281	0.123	0.0000763	0.00115	0.000614	3.15	0.000173	0.00252	0.000935	0.00456	0.00253
2029 Feb	3640	3.19	12.5	0.322	1030	0.356	422	0.00101	0.00101	0.000012	0.0115	0.0125	0.372	0.0421	0.0000132	78	0.0000954	0.00292	0.000533	0.00439	0.0403	0.000024	21	28.2	0.54	0.0056	512	0.0281	0.122	0.0000778	0.00115	0.000613	3.14	0.000173	0.00251	0.000937	0.00455	0.00252
2029 Mar	3640	3.19	12.5	0.322	1030	0.355	422	0.00101	0.00101	0.000012	0.0115	0.0125	0.371	0.0421	0.0000132	77.9	0.0000953	0.00292	0.000534	0.00439	0.0405	0.000024	21	28.2	0.54	0.00559	511	0.028	0.122	0.0000791	0.00115	0.000613	3.14	0.000173	0.00251	0.000939	0.00455	0.00252
2029 Apr	3640	3.18	12.4	0.322	1030	0.355	421	0.00101	0.00101	0.000012	0.0115	0.0125	0.371	0.0422	0.0000132	77.9	0.0000952	0.00292	0.000534	0.00438	0.0407	0.000024	21	28.2	0.54	0.00559	511	0.028	0.122	0.0000799	0.00115	0.000612	3.14	0.000172	0.00251	0.00094	0.00455	0.00252
2029 May	3640	3.19	12.5	0.322	1030	0.356	422	0.00102	0.00102	0.000012	0.0115	0.013	0.372	0.0422	0.0000132	78.1	0.0000954	0.00292	0.000536	0.00439	0.0408	0.000024	21	28.2	0.54	0.00559	511	0.0281	0.123	0.0000807	0.00115	0.000613	3.14	0.000173	0.00251	0.000943	0.00455	0.00252
2029 Jun	2410	1.92	7.5	0.195	640	0.224	280	0.0000982	0.0000982	0.00000904	0.00996	0.0206	0.234	0.0296	0.00000986	52.9	0.0000687	0.00184	0.000385	0.00305	0.0406	0.0000194	13	18.8	0.334	0.00358	312	0.0188	0.0898	0.0000906	0.000847	0.000417	1.9	0.000103	0.00157	0.000822	0.00364	0.0015
2029 Jul	2990	1.82	7.2	0.188	684	0.217	355	0.000943	0.000943	0.0000085	0.0103	0.00766	0.246	0.0265	0.00000964	57	0.0000769	0.00177	0.000436	0.00345	0.039	0.0000227	12.4	22.5	0.326	0.00395	314	0.0229	0.0806	0.000108	0.00109	0.000508	1.78	0.0000939	0.0016	0.00106	0.00408	0.00136
2029 Aug	3020	1.98	7.53	0.182	719	0.207	329	0.000649	0.000649	0.00000691	0.00831	0.00921	0.25	0.0226	0.00000805	51.5	0.0000674	0.00159	0.0000404	0.0033	0.0275	0.0000199	12.4	20.7	0.296	0.00432	326	0.0226	0.0657	0.0000773	0.00107	0.000505	1.67	0.0000861	0.00149	0.00094	0.00337	0.00122
2029 Sep	2290	1.46	5.59	0.138	537	0.153	256	0.000237	0.000237	0.00000395	0.00446	0.00886	0.186	0.0145	0.00000482	37.4	0.0000459	0.00117	0.000285	0.00238	0.0105	0.0000126	9.05	15.8	0.223	0.0032	243	0.017	0.0388	0.000029	0.000743	0.000373	1.26	0.0000651	0.00113	0.00058	0.00201	0.000938
2029 Oct	3470	0.967	3.51	0.0856	586	0.134	467	0.000254	0.000254	0.00000241	0.00665	0.00899	0.198	0.0108	0.00000401	54.1	0.0000577	0.000734	0.000423	0.0035	0.0184	0.000021	5.65	26.4	0.147	0.00415	207	0.0245	0.0243	0.0000226	0.00113	0.00056	0.639	0.0000222	0.001	0.000953	0.00229	0.000297
2029 Nov	3170	0.58	1.99	0.0533	476	0.117	459	0.000516	0.000516	0.00000301	0.00853	0.00406	0.164	0.0129	0.00000453	55.2	0.0000559	0.000552	0.000424	0.00346	0.0315	0.0000226	3.63	26	0.105	0.00366	151	0.0223	0.0328	0.0000226	0.00103	0.000519	0.368	0.00000718	0.000824	0.000935	0.00231	0.0000774
2029 Dec	3050	0.562	1.92	0.0514	459	0.115	442	0.000535	0.000535	0.00000308	0.00853	0.00395	0.159	0.013	0.00000454	53.7	0.0000543	0.000539	0.000413	0.00337	0.032	0.0000221	3.53	25.1	0.101	0.00354	146	0.0215	0.0338	0.0000225	0.00099	0.000501	0.357	0.00000698	0.000797	0.000907	0.00226	0.0000745
2030 Jan	3010	0.557	1.9	0.0508	453	0.114	437	0.00054	0.00054	0.00000311	0.00852	0.00392	0.157	0.0133	0.00000455	53.4	0.0000539	0.000537	0.000414	0.00334	0.0328	0.000022	3.51	24.9	0.101	0.00351	144	0.0213	0.0341	0.0000265	0.000979	0.000496	0.354	0.00000692	0.000788	0.000907	0.00225	0.0000736
2030 Feb	3000	0.554	1.89	0.0504	451	0.113	434	0.000543	0.000543	0.00000312	0.00851	0.00392	0.156	0.0137	0.00000455	53.4	0.0000537	0.000538	0.000419	0.00334	0.0338	0.0000219	3.51	24.8	0.102	0.00349	143	0.0212	0.0343	0.0000322	0.000975	0.000493	0.354	0.00000689	0.000784	0.000915	0.00225	0.0000732
2030 Mar	2990	0.552	1.88	0.0503	449	0.113	433	0.000545	0.000545	0.00000313	0.0085	0.00391	0.155	0.0139	0.00000455	53.5	0.0000535	0.000539	0.000422	0.00333	0.0344	0.0000218	3.51	24.7	0.102	0.00348	143	0.0211	0.0345	0.0000359	0.000972	0.000492	0.354	0.00000688	0.000781	0.000919	0.00225	0.0000729
2030 Apr	2980	0.552	1.87	0.0502	448	0.113	432	0.000547	0.000547	0.00000313	0.00849	0.00391	0.155	0.0141	0.00000456	53.5	0.0000535	0.00054	0.000424	0.00333	0.0349	0.0000218	3.52	24.7	0.102	0.00347	142	0.0211	0.0346	0.0000385	0.00097	0.000491	0.354	0.00000687	0.00078	0.000923	0.00224	0.0000727
2030 May	2990	0.553	1.88	0.0503	450	0.113	433	0.00055	0.00055	0.00000315	0.00853	0.0209	0.155	0.0143	0.00000458	53.8	0.0000537	0.000543	0.000427	0.00334	0.0353	0.0000219	3.53	24.7	0.103	0.00348	143	0.0211	0.0348	0.0000405	0.000974	0.000493	0.356	0.00000689	0.000782	0.000929	0.00225	0.000073
2030 Jun	4070	4.42	18.4	0.515	1280	0.537	513	0.00172	0.00172	0.0000203	0.0155	0.0261	0.505	0.0669	0.0000213	108	0.0000143	0.00495	0.000668	0.00527	0.0601	0.0000294	32.2	36.5	0.917	0.00593	712	0.0334	0.202	0.000176	0.00129	0.000698	5.31	0.000304	0.00397	0.00116	0.00738	0.00454
2030 Jul	2970	2.38	9.02	0.216	782	0.24	315	0.000717	0.000717	0.00000816	0.00861	0.0108	0.282	0.0264	0.00000918	53.8	0.0000711	0.00188	0.000403	0.00333	0.0286	0.0000194	14.9	20.5	0.348	0.00462	373	0.0224	0.0782	0.0000885	0.00106	0.000503	2.03	0.000108	0.00167	0.00091	0.00362	0.00154
2030 Aug	3650	3.29	13	0.33	1030	0.348	407	0.000729	0.000729	0.0000109	0.0088	0.0166	0.38	0.0368	0.000012	71.9	0.0000924	0.00294	0.000487	0.00406	0.0248	0.000021	21.6	27.1	0.552	0.00554	520	0.028	0.106	0.0000862	0.00119	0.000608	3.23	0.000178	0.00253	0.000918	0.00444	0.00261
2030 Sep	5960	6.27	25.7	0.69	1840	0.699	700	0.00126	0.00126	0.0000219	0.0137	0.0361	0.704	0.0747	0.0000235	134	0.000172	0.0063	0.000817	0.00679	0.0348	0.0000319	43.4	48.2	1.19	0.0089	997	0.0473	0.216	0.000145	0.0018	0.000985	6.96	0.000396	0.00522	0.00128	0.00817	0.00589
2030 Oct	6030	5.88	24.2	0.654	1770	0.671	735	0.00121	0.00121	0.0000207	0.0136	0.0292	0.68	0.0711	0.0000224	134	0.00017	0.00601	0.000822	0.00681	0.0347	0.0000326	40.9	49.5	1.13	0.00869	947	0.0475	0.205	0.000138	0.00182	0.000993	6.6	0.000374	0.00504	0.00132	0.00797	0.00557
2030 Nov	5530	4.85	19.9	0.539	1520	0.567	691	0.00109	0.00109	0.0000174	0.0128	0.0242	0.584	0.0602	0.0000191	120	0.0000149	0.00498	0.000753	0.00623	0.0348	0.0000311	33.8	45.6	0.939	0.00777	793	0.043	0.173	0.000117	0.00168	0.00091	5.41	0.000304	0.00425	0.00126	0.00693	0.00452
2030 Dec	5430	4.76	19.5	0.529	1490	0.557	679	0.00108	0.00108	0.0000171	0.0127	0.0237	0.573	0.0594	0.0000188	118	0.0000147	0.00489	0.000741	0.00613	0.035	0.0000307	33.2	44.8	0.922	0.00764	778	0.0422	0.171	0.000115	0.00165	0.000894	5.31	0.000298	0.00417	0.00124	0.00682	0.00443
2031 Jan	5400	4.73	19.4	0.525	1480	0.554	674	0.00108	0.00108	0.0000017	0.0127	0.0236	0.569	0.0593	0.0000187	117	0.0000146	0.00486	0.00074	0.0061	0.0355	0.0000306	33	44.5	0.917	0.00759	773	0.0419	0.17	0.000116	0.00164	0.000888	5.28	0.000296	0.00414	0.00124	0.00678	0.0044
2031 Feb	5380	4.71	19.3	0.523	1470	0.552	672	0.00108	0.00108	0.0000017	0.0127	0.0235	0.567	0.0593	0.0000187	117	0.0000146	0.00484	0.000741	0.00608	0.036	0.0000305	32.9	44.3	0.914	0.00756	770	0.0418	0.17	0.00012	0.00164	0.000886	5.26	0.000295	0.00413	0.00124	0.00676	0.00439
2031 Mar	5360	4.7	19.3	0.522	1470	0.55	670	0.00108	0.00108	0.0000017	0.0126	0.0235	0.566	0.0594	0.0000186	117	0.0000145	0.00483	0.000743	0.00607	0.0364	0.0000304	32.8	44.3	0.912	0.00755	768	0.0417	0.169	0.000122	0.00163	0.000884	5.25	0.000295	0.00412	0.00125	0.00675	0.00438
2031 Apr	5360	4.7	19.3	0.522	1470	0.55	670	0.00108	0.00108	0.0000017	0.0127	0.0292	0.566	0.0595	0.0000186	117	0.0000145	0.00483	0.000745	0.00607	0.0368	0.0000304	32.8	44.3	0.912	0.00754	768	0.0417	0.17	0.000123	0.00163	0.000884	5.24	0.000294	0.00412	0.00125	0.00675	0.00438
2031 May	5200	4.42	18.1	0.49	1400	0.521	654	0.00106	0.00106	0.0000161	0.0124	0.0467	0.538	0.0578	0.0000178	114	0.00014	0.00456	0.000748	0.00591	0.0403	0.00003	30.9	43.1	0.863	0.00725	725	0.0403	0.161	0.000161	0.0016	0.000861	4.93	0.000275	0.0039	0.00128	0.0065	0.00409
2031 Jun	2560	3.17	13.7	0.401	866	0.409	353	0.00147	0.00147	0.0000166	0.0113	0.0175	0.359	0.0698	0.0000171	93.1	0.000109	0.00414	0.000765	0.00388	0.0895	0.0000205	25.2	27.8	0.791	0.00348	515	0.0224	0.17	0.000636	0.000822	0.000491	4.32	0.000248	0.00311	0.00125	0.00584	0.00374
2031 Jul	1020	0.894	3.96	0.118	268	0.123	151	0.000247	0.000247	0.00000392	0.00234	0.00615	0.115	0.0134	0.00000422	26.1	0.0000324	0.00116	0.000147	0.00119	0.00702	0.00000585	7.01	9.96	0.22	0.00122	153	0.00821	0.0389	0.0000297	0.000289	0.000167	1.24	0.0000717	0.000962	0.000216	0.00153	0.00109
2031 Aug	3680	4.01	17.8	0.531	1120	0.535	542	0.00111	0.00111	0.0000178	0.00932	0.0166	0.48	0.0601	0.0000187	105	0.0000133	0.0052	0.000555	0.00447	0.0273	0.000021	31.4	37.5	0.982	0.00457	670	0.0307	0.177	0.000118	0.000994	0.000606	5.62	0.000329	0.00418	0.000709	0.00641	0.00499
2031 Sep	3110	3.02	13.3	0.396	873	0.416	459	0.00105	0.00105	0.0000143	0.0095	0.0122	0.375	0.0489	0.0000151	86.9	0.0000108	0.00393	0.000485	0.0039	0.0325	0.00002	23.7	31.2	0.737	0.00391	508	0.0256	0.145	0.0000922	0.000862	0.000517	4.2	0.000243	0.00319	0.000678	0.0052	0.00368
2031 Oct	2020	1.44	6.14	0.183	460	0.217	298	0.000782	0.000782	0.00000799	0.00776	0.00603	0.2	0.0278	0.00000866	53.1	0.0000623	0.00189	0.000328	0.00263	0.0309	0.0000155	11.4	19.5	0.349	0.00257	248	0.016	0.0829	0.0000494	0.000589	0.000134	1.94	0.000109	0.0016	0.00053	0.003	0.00164
2031 Nov	1950	1.35	5.7	0.17	435	0.205	289	0.000788	0.000788	0.00000771	0.00784	0.00568	0.19	0.0269	0.00000837	51.4	0.0000599	0.00177	0.000321	0.00258	0.0319	0.0000155	10.6	18.9

Appendix D.2-27: FZO02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.88	0.00255	0.000768	0.00002	0.73	0.000399	0.249	0.00002	0.00002	9.98E-08	0.000118	0.0000559	0.000138	0.00145	9.98E-08	1.15	0.000000399	0.000014	0.0000239	0.0000379	0.00379	0.0000002	0.0666	0.161	0.00409	0.00000589	0.25	0.0000519	0.0014	0.0000191	0.000004 59	0.00000259	0.00621	3.99E-08	0.000002	0.0000419	0.0000309	0.0000505
Operation (2026-2036): Mean	4300	2.89	12.5	0.262	1520	0.359	631	0.000607	0.000607	0.00000718	0.012	0.0122	0.478	0.029	0.00000975	125	0.000109	0.00232	0.000774	0.00604	0.0348	0.0000353	14.4	59.6	0.428	0.00655	928	0.0445	0.0711	0.0000899	0.00188	0.000932	2.12	0.000101	0.00235	0.00169	0.00466	0.00155
Operation (2026-2036): Max	6320	6.27	25.7	0.69	2650	0.699	1090	0.00172	0.00172	0.0000219	0.0178	0.0535	0.847	0.0747	0.0000235	233	0.000172	0.0063	0.00135	0.0107	0.0895	0.0000631	43.4	121	1.19	0.0112	1720	0.0838	0.216	0.000636	0.00358	0.00172	6.96	0.000396	0.00522	0.00319	0.00817	0.00589
2032 Nov	6020	3.36	15.4	0.226	2520	0.375	874	0.000201	0.000201	0.00000203	0.0141	0.00571	0.624	0.0145	0.0000632	177	0.000124	0.00155	0.00105	0.00834	0.029	0.0000504	8.17	93.9	0.276	0.00878	1620	0.0652	0.018	0.0000388	0.00283	0.00135	0.911	0.0000136	0.00214	0.00255	0.00472	0.000174
2032 Dec	6210	3.47	15.8	0.227	2630	0.388	900	0.000305	0.000305	0.00000237	0.0155	0.00503	0.646	0.016	0.00000683	185	0.000129	0.00154	0.00111	0.00875	0.0352	0.0000534	8.08	97.8	0.271	0.00915	1690	0.0676	0.0221	0.0000406	0.00294	0.00141	0.855	0.00000828	0.00217	0.00267	0.00494	0.0000878
2033 Jan	6050	3.39	15.4	0.222	2560	0.379	878	0.000323	0.000323	0.00000243	0.0154	0.00495	0.63	0.0164	0.00000678	181	0.000126	0.00151	0.00109	0.00856	0.0365	0.0000523	7.92	95.4	0.265	0.00894	1650	0.066	0.0231	0.0000465	0.00287	0.00137	0.837	0.0000812	0.00212	0.00262	0.00484	0.0000856
2033 Feb	6000	3.36	15.3	0.22	2540	0.376	870	0.000329	0.000329	0.00000245	0.0153	0.00493	0.624	0.0169	0.00000677	180	0.000125	0.00151	0.00109	0.0085	0.0378	0.0000519	7.88	94.6	0.265	0.00886	1640	0.0654	0.0235	0.0000547	0.00285	0.00136	0.832	0.00000807	0.0021	0.00262	0.00482	0.0000848
2033 Mar	5970	3.35	15.2	0.219	2530	0.375	866	0.000332	0.000332	0.00000247	0.0152	0.00492	0.621	0.0172	0.00000676	180	0.000125	0.0015	0.00109	0.00847	0.0387	0.0000518	7.86	94.2	0.265	0.00882	1630	0.0651	0.0237	0.0000594	0.00284	0.00135	0.83	0.00000804	0.00209	0.00262	0.0048	0.0000844
2033 Apr	5960	3.34	15.2	0.219	2520	0.374	865	0.000335	0.000335	0.00000248	0.0152	0.00492	0.621	0.0175	0.00000677	180	0.000125	0.0015	0.00109	0.00847	0.0393	0.0000517	7.87	94.1	0.265	0.00881	1630	0.0651	0.0239	0.0000626	0.00283	0.00135	0.83	0.00000804	0.00209	0.00262	0.0048	0.0000843
2033 May	5720	3.22	14.6	0.208	2440	0.358	828	0.00041	0.00041	0.00000275	0.0151	0.0237	0.597	0.0228	0.00000688	178	0.000122	0.00149	0.00116	0.00827	0.0553	0.0000507	7.69	91.4	0.27	0.00844	1580	0.0628	0.0273	0.00025	0.00277	0.00132	0.793	0.00000591	0.00199	0.00276	0.00484	0.0000505
2033 Jun	5502	3.41	15.4	0.275	2210	0.4	798	0.000693	0.000693	0.00000648	0.0151	0.0167	0.587	0.0362	0.0000101	171	0.000131	0.00232	0.00117	0.00786	0.0676	0.0000474	12.8	83.3	0.435	0.00786	1420	0.0582	0.0643	0.000392	0.00254	0.00123	1.79	0.0000703	0.00248	0.00265	0.00564	0.00103
2033 Jul	5700	4.22	19.1	0.383	2400	0.496	826	0.0008	0.0008	0.0000096	0.0155	0.0149	0.662	0.0439	0.0000131	182	0.000149	0.00332	0.00115	0.00813	0.0596	0.0000474	18.9	86.3	0.618	0.00821	1550	0.0607	0.0948	0.000324	0.00255	0.00126	2.93	0.00014	0.00323	0.00252	0.00649	0.0021
2033 Aug	3560	2.45	11.1	0.217	1450	0.287	517	0.00033	0.00033	0.00000463	0.00859	0.00935	0.398	0.0209	0.00000684	108	0.0000869	0.00181	0.000653	0.0049	0.0247	0.0000283	10.3	52.9	0.337	0.00506	932	0.0374	0.0449	0.000111	0.00157	0.000772	1.58	0.0000731	0.00186	0.00145	0.00363	0.00109
2033 Sep	5260	3.72	16.9	0.309	2310	0.422	762	0.000389	0.000389	0.00000568	0.0129	0.00868	0.606	0.0251	0.00000916	163	0.000126	0.00245	0.000937	0.00741	0.0274	0.0000431	13.8	82.3	0.446	0.00775	1500	0.0574	0.0547	0.0000572	0.0024	0.00117	2.05	0.0000894	0.00263	0.00213	0.00508	0.00133
2033 Oct	5920	3.43	15.6	0.245	2450	0.391	859	0.000328	0.000328	0.00000335	0.0145	0.00606	0.621	0.0186	0.00000746	175	0.000127	0.00179	0.00104	0.00824	0.0325	0.0000497	9.72	91.4	0.321	0.00863	1580	0.0636	0.0319	0.0000452	0.00274	0.00132	1.21	0.0000328	0.00229	0.00247	0.00493	0.000465
2033 Nov	5830	3.36	15.3	0.238	2410	0.384	846	0.000347	0.000347	0.00000333	0.0146	0.00584	0.611	0.0185	0.00000739	173	0.000125	0.00174	0.00103	0.00814	0.0334	0.0000493	9.41	90.1	0.31	0.00852	1550	0.0627	0.0319	0.0000444	0.00271	0.0013	1.15	0.0000301	0.00223	0.00244	0.00487	0.000423
2033 Dec	5810	3.36	15.3	0.238	2400	0.383	844	0.000349	0.000349	0.00000334	0.0146	0.00582	0.609	0.0185	0.00000739	172	0.000125	0.00173	0.00103	0.00813	0.0334	0.0000492	9.38	89.8	0.309	0.0085	1550	0.0625	0.032	0.0000443	0.0027	0.0013	1.15	0.00003	0.00223	0.00244	0.00486	0.000422
2034 Jan	5810	3.35	15.2	0.238	2400	0.383	843	0.00035	0.00035	0.00000334	0.0145	0.00582	0.608	0.0185	0.00000738	172	0.000125	0.00173	0.00103	0.00812	0.0335	0.0000491	9.38	89.7	0.309	0.00849	1550	0.0625	0.032	0.0000447	0.0027	0.0013	1.15	0.00003	0.00222	0.00244	0.00485	0.000421
2034 Feb	5800	3.35	15.2	0.237	2400	0.383	842	0.00035	0.00035	0.00000334	0.0145	0.00582	0.608	0.0185	0.00000738	172	0.000125	0.00173	0.00103	0.00811	0.0336	0.0000491	9.37	89.7	0.309	0.00848	1550	0.0624	0.0321	0.0000454	0.00269	0.0013	1.15	0.00003	0.00222	0.00244	0.00485	0.000421
2034 Mar	5800	3.35	15.2	0.237	2400	0.382	842	0.00035	0.00035	0.00000334	0.0145	0.00582	0.608	0.0186	0.00000738	172	0.000124	0.00173	0.00103	0.00811	0.0337	0.0000491	9.37	89.6	0.309	0.00848	1540	0.0624	0.0321	0.0000458	0.00269	0.00129	1.15	0.00003	0.00222	0.00244	0.00485	0.000421
2034 Apr	5800	3.35	15.2	0.237	2400	0.383	842	0.000351	0.000351	0.00000335	0.0145	0.00582	0.608	0.0186	0.00000739	172	0.000125	0.00173	0.00103	0.00812	0.0337	0.0000491	9.37	89.7	0.309	0.00848	1550	0.0624	0.0321	0.0000461	0.00269	0.0013	1.15	0.00003	0.00222	0.00244	0.00485	0.000421
2034 May	5650	3.24	14.7	0.229	2320	0.372	822	0.000372	0.000372	0.00000338	0.0144	0.0184	0.591	0.0196	0.00000732	169	0.000122	0.00169	0.00103	0.00795	0.0373	0.0000482	9.13	87.5	0.303	0.00827	1500	0.0609	0.0327	0.0000849	0.00264	0.00127	1.11	0.0000283	0.00216	0.00243	0.00478	0.000396
2034 Jun	4940	3.15	14.2	0.257	1990	0.377	725	0.000709	0.000709	0.00000653	0.0144	0.0146	0.542	0.0357	0.00000977	159	0.000122	0.00222	0.00108	0.00726	0.0655	0.0000437	12.4	76.3	0.415	0.00723	1280	0.0532	0.0661	0.000365	0.0023	0.00113	1.75	0.0000707	0.00233	0.00241	0.00522	0.00104
2034 Jul	5620	3.91	17.7	0.338	2330	0.475	844	0.000713	0.000713	0.0000081	0.0157	0.0133	0.662	0.0392	0.0000118	184	0.000145	0.00293	0.00117	0.00835	0.0579	0.0000491	16.6	89.4	0.544	0.00846	1510	0.0625	0.0802	0.000291	0.00265	0.0013	2.48	0.000111	0.003	0.00259	0.00615	0.00165
2034 Aug	3600	2.52	11.4	0.22	1490	0.31	550	0.000379	0.000379	0.00000491	0.00958	0.00965	0.433	0.0228	0.00000734	118	0.0000931	0.00191	0.000722	0.00536	0.0294	0.0000312	10.8	58.2	0.353	0.00551	966	0.0408	0.0479	0.000131	0.00171	0.000841	1.63	0.0000736	0.00197	0.0016	0.00389	0.0011
2034 Sep	5870	3.96	18	0.319	2540	0.492	929	0.000396	0.000396	0.00000559	0.0157	0.00865	0.733	0.0265	0.00000999	200	0.000149	0.00264	0.00115	0.0091	0.0327	0.0000535	14.7	102	0.478	0.00953	1650	0.0709	0.0533	0.0000623	0.00299	0.00145	2.09	0.0000829	0.00298	0.00267	0.00592	0.00123
2034 Oct	6290	3.92	17.8	0.297	2650	0.491	995	0.000392	0.000392	0.00000477	0.0169	0.00749	0.759	0.0245	0.00000955	210	0.000153	0.00242	0.00123	0.00972	0.0364	0.0000579	13.3	109	0.435	0.0102	1720	0.0755	0.0452	0.0000588	0.00322	0.00155	1.77	0.0000601	0.00291	0.00289	0.00602	0.000875
2034 Nov	6240	3.87	17.6	0.29	2630	0.485	987	0.000397	0.000397	0.00000463	0.0169	0.00725	0.752	0.024	0.0000094	209	0.000152	0.00236	0.00122	0.00967	0.0369	0.0000578	12.9	108	0.423	0.0101	1710	0.075	0.0441	0.0000576	0.00321	0.00154	1.7	0.0000559	0.00285	0.00288	0.00595	0.000811
2034 Dec	6220	3.86	17.6	0.29	2620	0.484	985	0.000398	0.000398	0.00000463	0.0169	0.00724	0.751	0.024	0.00000939	209	0.000151	0.00235	0.00122	0.00965	0.0369	0.0000577	12.9	108	0.421	0.0101	1700	0.0749	0.0441	0.0000575	0.0032	0.00154	1.69	0.0000557	0.00284	0.00288	0.00594	0.000808
2035 Jan	6210	3.86	17.5	0.289	2620	0.483	984	0.000399	0.000399	0.00000463	0.0169	0.00723	0.75	0.024	0.00000939	209	0.000151	0.00235	0.00122	0.00964	0.037	0.0000576	12.8	108	0.421	0.0101	1700	0.0748	0.0441	0.0000579	0.0032	0.00154	1.69	0.0000556	0.00284	0.00287	0.00594	0.000807
2035 Feb	6210	3.85	17.5	0.289	2620	0.483	983	0.000399	0.000399	0.00000463	0.0169	0.00723	0.749	0.0241	0.00000938	208	0.000151	0.00235	0.00122	0.00964	0.0371	0.0000576	12.8	108	0.421	0.0101	1700	0.0747	0.0441	0.0000585	0.00319	0.00154	1.69	0.0000556	0.00284	0.00287	0.00593	0.000806
2035 Mar	6210	3.85	17.5	0.289	2620	0.483	983	0.000399	0.000399	0.00000463	0.0169	0.00723	0.749	0.0241	0.00000938	208	0.000151	0.00235	0.00122	0.00963	0.0372	0.0000576	12.8	108	0.421	0.0101	1700	0.0747	0.0441	0.0000589	0.00319	0.00154	1.69	0.0000555	0.00284	0.00287	0.00593	0.000806
2035 Apr	6210	3.85	17.5	0.289	2620	0.483	983	0.0004	0.0004	0.00000463	0.0169	0.00723	0.749	0.0241	0.00000938	208	0.000151	0.00235	0.00122	0.00964	0.0372	0.0000576	12.8	108	0.421	0.0101	1700	0.0747	0.0442	0.0000593	0.00319	0.00154	1.69	0.0000556	0.00284	0.00288	0.00593	0.000806
2035 May	6220	3.84	17.5	0.288	2620	0.483	986	0.000401	0.000401	0.00000462	0.0169	0.0144	0.75	0.0242	0.00000938	209	0.000151	0.00235	0.00123	0.00966	0.0377	0.0000577	12.8	108	0.421	0.0101	1700	0.0749	0.044	0.0000635	0.0032	0.00154	1.68	0.000055	0.00284	0.00289	0.00594	0.000798
2035 Jun	4620	3.02	13.6	0.262	1800	0.396	726	0.000803	0.000803	0.00000759	0.015	0.015	0.555	0.0331	0.0000108	156	0.000127	0.00241	0.000985	0.00719	0.0542	0.000044	13.6	75.6	0.441	0.00722	1160	0.0531	0.0739	0.00022	0.0023	0.00111	1.98	0.0000869	0.00249	0.00227	0.0056	0.00128
2035 Jul	4380	3.14	14.2	0.299	1680	0.414	687	0.000846	0.000846	0.00000903	0.0141	0.0137	0.542	0.0363	0.0000119	148	0.000127	0.0028	0.000911	0.00673	0.0494	0.0000404	16	69.8	0.514	0.00676	1080	0.0496	0.0881	0.000198	0.0021	0.00103	2.49	0.000121	0.00271	0.00203	0.00571	0.00181
2035 Aug	4050	2.71	12.3	0.241	1580	0.368	673	0.000409	0.000409	0.00000549	0.0114	0.00967	0.522	0.0238	0.00000847	141	0.000112	0.00221	0.00083	0.00644	0.0279	0.0000377	12.5	70.5	0.405	0.00669	1020	0.0495	0.0523	0.0000877	0.00209	0.00102	1.87	0.0000834	0.00234	0.00189	0.00463	0.00124
2035 Sep	5850	3.86	17.6	0.302	2530	0.527	1020	0.000365	0.000365	0.00000508	0.0172	0.00847	0.81	0.0259	0.0000101	222	0.00016	0.00266	0.00128	0.0101	0.0349	0.0000598	14.6	115	0.477	0.0106	1650	0.0792	0.0476	0.0000628	0.00336	0.00162	1.99	0.0000712	0.00312	0.00301	0.00631	0.00104
2035 Oct	6320	3.94	18	0.304	2630	0.543	1090	0.000317	0.000317	0.00000472	0.0178	0.00844	0.847	0.0252	0.00001	233	0.000168	0.00268	0.00135	0.0107	0.0348	0.0000631	14.7	121	0.483	0.0112	1710	0.0838	0.0436	0.0000632	0.00358	0.00172	1.96	0.0000668	0.00322	0.00319	0.00655	0.000977
2035 Nov	6320	3.61	16.5	0.267	2500	0.508	1090	0.000308	0.000308	0.00000389	0.0177	0.00725	0.811	0.0225	0.0000918	226	0.000162	0.00235	0.00133	0.0105	0.036	0.0000627	12.7	119	0.423	0.011	1620	0.0821	0.0358	0.0000571	0.00353	0.00169	1.61	0.0000546	0.00297	0.00316	0.00626	0.000659
2035 Dec	6220	3.56	16.2	0.262	2460	0.501	1070	0.000319	0.000319	0.0000039	0.0176	0.00715	0.799	0.0224	0.00000911	223	0.00016	0.00232	0.00131	0.0104	0.0362	0.000062	12.6	117	0.416	0.0109	1600	0.0809	0.0361	0.0000565	0.00348	0.00167	1.59	0.0000453	0.00293	0.00312	0.00618	0.000648
2036 Jan	6200	3.55	16.2	0.261	2460	0.5	1070	0.000321	0.000321	0.00000391	0.0176	0.00713	0.796	0.0224	0.0000091	222	0.000159	0.00231	0.00131	0.0103	0.0364	0.0000618	12.5	116	0.415	0.0108	1590	0.0806	0.0362	0.0000576	0.00347	0.00166	1.58	0.0000451	0.00292	0.00311	0.00616	0.000645
2036 Feb	6190	3.54	16.1	0.261	2450	0.499	1070	0.000322	0.000322	0.00000391	0.0176	0.00712	0.794	0.0225	0.00000909	222	0.000159	0.00231	0.00131	0.0103	0.0367	0.0000617	12.5	116	0.415	0.0108	1590	0.0805	0.0362	0.0000593	0.00346	0.00166	1.58	0.000045	0.00291	0.00311	0.00615	0.000644
2036 Mar	6180	3.54	16.1	0.261	2450	0.498	1060	0.000323	0.000323	0.00000391	0.0175	0.00712	0.793	0.0226	0.00000909	222	0.000159	0.00231	0.00131	0.0103	0.0369	0.0000616	12.5	116	0.414	0.0108	1590	0.0804	0.0363	0.0000604	0.00346	0.00166	1.58	0.0000449	0.00291	0.00311	0.00614	0.000643
2036 Apr	6190	3.54	16.1	0.261	2450	0.499	1070	0.000322	0.000322	0.0000039	0.0176	0.0144	0.795	0.0226	0.00000909	222	0.000159	0.00231	0.00131	0.0103	0.0371	0.0000618	12.5	116	0.415	0.0108	1590	0.0806	0.0362	0.0000612	0.00347	0.00166	1.58	0.0000447	0.00291	0.00312	0.00616	0.00064
2036 May	6250	3.55	16.2	0.261	2460	0.502	1080	0.000319	0.000319	0.00000387	0.0177	0.0335	0.801	0.0227	0.00000911	224	0.00016	0.00232	0.00132	0.0104	0.0373	0.0000623	12.5	117	0.416	0.0109	1600	0.0813	0.0358	0.000062	0.0035	0.00168	1.58	0.0000442	0.00293	0.00315	0.0062	0.000632
2036 Jun	5130	3.15	14.3	0.266	1940	0.458	889	0.000618	0.000618	0.00000655	0.0163	0.0182	0.675	0.0278	0.0000106	186	0.000146	0.00253	0.0011	0.0086	0.0411	0.0000522	14.1	94.1	0.458	0.00889	1260	0.0659	0.0615	0.0000955	0.00285	0.00136	2	0.0000806	0.00281	0.00261	0.00612	0.00119
2036 Jul	4700	3.43	15.5	0.333	1790	0.492	813	0.000818	0.000818	0.00000971	0.0156	0.0133	0.654	0.0366	0.0000131	173	0.000148	0.00324	0.001	0.00787	0.0416	0.0000468	18.6	84	0.593	0.00807	1160	0.0595	0.0928	0.000113	0.0025	0.00122	2.9	0.000141	0.0032	0.00228	0.0065	0.00211
2036 Aug	3250	2.24	10.2	0.218	1180	0.329	569	0.000411	0.000411	0.00000571	0.0097	0.00966	0.445	0.0226	0.00000811	118	0.0000981	0.00212	0.00068	0.00536	0.0226	0.0000312	12.2	57.8	0.391	0.00557	761	0.0411	0.0546	0.0000613	0.00172	0.000841	1.9	0.0000909	0.00215	0.00152	0.00416	0.00136
2036 Sep	4690	2.86	13.1	0.23	1850	0.436	878	0.000197	0.000197	0.0000037	0.0136	0.00799	0.677	0.0198	0.00000792	185	0.000135	0.0022	0.00107	0.00846	0.0245	0.0000496	12.1	96.5	0.4	0.00893	1200	0.0668	0.0336	0.0000508	0.00285	0.00137	1.66	0.000059	0.00262	0.00252	0.00522	0.000869
2036 Oct	5470	3.2	14.6	0.244	2150	0.495	1030	0.000254	0.000254	0.00000379	0.0165	0.00757	0.785	0.0216	0.00000882	217	0.000155	0.00235	0.00127	0.00999	0.0318	0.0000593	12.8	114	0.423	0.0105	1400	0.0786	0.0344	0.0000556	0.00337	0.00162	1.66	0.0000511	0.00291	0.00301	0.00599	0.000741
2036 Nov	5500	3.13	14.3	0.235	2140	0.489	1030	0.000261	0.000261	0.00000361	0.0167	0.00723	0.782	0.0211	0.00000867	217	0.000155	0.00227	0.00127	0.01	0.0328	0.0000597	12.3	114	0.408	0.0106	1390	0.0788	0.0328	0.0000543	0.00338	0.00162	1.56	0.0000452	0.00286	0.00303	0.00596	0.00065
2036 Dec	5420	3.07	14	0.229	2100	0.481	1020	0.000275	0.000275	0.00000358	0.0166	0.00704	0.769	0.0209	0.00000857	214	0.000152	0.00222	0.00125	0.0099	0.0333	0.0000591	12	112	0.398	0.0104	1370	0.0776	0.0327	0.0000535	0.00333	0.00161	1.52	0.0000443	0.0028	0.00299	0.00588	0.000616
2037 Jan	5730	3.26	14.9	0.237	2270	0.509	1080	0.000248	0.000248	0.00000334	0.0176	0.00704	0.824	0.0209	0.00000873	230	0.000161	0.00228	0.00134	0.0106	0.0345	0.0000633	12.2	121	0.408	0.0111	1480	0.0834	0.0299	0.0000558	0.00359	0.00171	1.51	0.0000387	0.00293	0.00322	0.00618	0.000549
2037 Feb	5730	3.26	14.9	0.237	2270	0.509	1080	0.000248	0.000248	0.00000334	0.0176	0.00703	0.825	0.021	0.00000873	230	0.000161	0.00228	0.00135	0.0106	0.0347	0.0000633	12.2	121	0.408	0.0112	1480	0.0835	0.0299	0.0000572	0.00359	0.00172	1.51	0.0000385	0.00293	0.00323	0.00619	0.000546
2037 Mar	5730	3.25	14.9	0.237	2270	0.509	1080	0.000249	0.000249	0.00000334	0.0176	0.00703	0.824	0.021	0.00000873	230	0.000161	0.00228	0.00135	0.0106	0.0349	0.0000633	12.2	121	0.408	0.0111	1480	0.0834	0.0299	0.0000558	0.00359	0.00172	1.5	0.0000385	0.00293	0.00323	0.00618	0.000545
2037 Apr	5720	3.25	14.9	0.237	2270	0.509	1080	0.00025	0.00025	0.00000334	0.0176	0.00703	0.824	0.0211	0.00000873	230	0.000161	0.00228	0.00135	0.0106	0.035	0.0000633	12.2	121	0.408	0.0111	1480	0.0834	0.0299	0.0000586	0.00359	0.00172	1.5	0.0000385	0.00293	0.00323	0.00618	0.000545
2037 May	5240	2.9	13.2	0.211	2020	0.458	987	0.000316	0.000316	0.00000343	0.0165	0.00648	0.74	0.0229	0.0000083	210	0.000148	0.00208	0.00128	0.00968	0.0426	0.0000581	11.1	109	0.376	0.0101	1320	0.0753	0.0319	0.000145	0.00326	0.00156	1.36	0.000034	0.00264	0.00304	0.00575	0.000478
2037 Jun	3810	1.81	8.2	0.129	1290	0.308	705	0.000505	0.000505	0.00000357	0.0125	0.00439	0.496	0.0208	0.00000694	146	0.000105	0.0014	0.000964	0.00695	0.0454	0.0000414	7.5	74.7	0.256	0.00698	830	0.0519	0.0261	0.000223	0.00229	0.0011	0.859	0.0000179	0.00177	0.00226	0.00429	0.000236
2037 Jul	2860	1.34	6.06	0.0946	963	0.237	533	0.000635	0.000635	0.00000391	0.01	0.00324	0.374	0.0166	0.00000646	112	0.0000797	0.00106	0.000

Appendix D.2-27: FZO02

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.88	0.00255	0.000768	0.00002	0.73	0.000399	0.249	0.00002	0.00002	9.98E-08	0.000118	0.0000559	0.000138	0.00145	9.98E-08	1.15	0.000000399	0.000014	0.0000239	0.0000379	0.00379	0.0000002	0.0666	0.161	0.00409	0.00000589	0.25	0.0000519	0.0014	0.0000191	0.000000459	0.00000259	0.00621	3.99E-08	0.000002	0.0000419	0.0000309	0.0000505
Operation (2026-2036): Mean	4300	2.89	12.5	0.262	1520	0.359	631	0.000607	0.000607	0.00000718	0.012	0.0122	0.478	0.029	0.00000975	125	0.000109	0.00232	0.000774	0.00604	0.0348	0.0000353	14.4	59.6	0.428	0.00655	928	0.0445	0.0711	0.0000899	0.00188	0.000932	2.12	0.000101	0.00235	0.00169	0.00466	0.00155
Operation (2026-2036): Max	6320	6.27	25.7	0.69	2650	0.699	1090	0.00172	0.00172	0.0000219	0.0178	0.0535	0.847	0.0747	0.0000235	233	0.000172	0.0063	0.00135	0.0107	0.0895	0.0000631	43.4	121	1.19	0.0112	1720	0.0838	0.216	0.000636	0.00358	0.00172	6.96	0.000396	0.00522	0.00319	0.00817	0.00589
2040 May	1430	0.577	2.61	0.0395	432	0.133	284	0.000817	0.000817	0.00000435	0.0068	0.00163	0.196	0.0119	0.0000057	61.5	0.0000443	0.000527	0.000424	0.00321	0.0258	0.0000173	3.14	30.2	0.0912	0.00282	276	0.0209	0.0123	0.0000996	0.000933	0.000462	0.29	0.00000415	0.000673	0.000938	0.0022	0.0000295
2040 Jun	1380	0.547	2.46	0.0374	408	0.127	272	0.00082	0.00082	0.00000435	0.0067	0.0016	0.186	0.0123	0.00000564	59.3	0.0000429	0.000514	0.000419	0.0031	0.0275	0.0000167	3.05	28.8	0.0892	0.00269	260	0.0199	0.0133	0.000116	0.000895	0.000444	0.28	0.00000401	0.000643	0.000925	0.00216	0.0000277
2040 Jul	1340	0.53	2.38	0.0362	396	0.125	266	0.000828	0.000828	0.00000438	0.00659	0.00156	0.182	0.0121	0.00000564	58	0.000042	0.000504	0.000409	0.00305	0.027	0.0000163	2.99	28.2	0.0868	0.00263	252	0.0195	0.0129	0.000113	0.000875	0.000435	0.273	0.00000391	0.000628	0.000902	0.00213	0.0000262
2040 Aug	1310	0.517	2.33	0.0353	387	0.124	261	0.000834	0.000834	0.0000044	0.00652	0.00153	0.179	0.012	0.00000564	57.1	0.0000413	0.000494	0.000402	0.00301	0.0264	0.000016	2.95	27.8	0.0849	0.00258	247	0.0192	0.0125	0.000109	0.000859	0.000428	0.267	0.00000383	0.000617	0.000885	0.00211	0.0000249
2040 Sep	1280	0.506	2.28	0.0345	379	0.122	257	0.000837	0.000837	0.00000441	0.00646	0.0015	0.177	0.0118	0.00000564	56.4	0.0000407	0.000485	0.000397	0.00298	0.0259	0.0000158	2.91	27.4	0.0834	0.00255	242	0.0189	0.0121	0.000105	0.000847	0.000422	0.263	0.00000375	0.000608	0.000869	0.00208	0.0000237
2040 Oct	1260	0.499	2.25	0.034	374	0.121	254	0.00084	0.00084	0.00000442	0.00641	0.00148	0.175	0.0118	0.00000563	55.8	0.0000403	0.000478	0.000393	0.00295	0.0256	0.0000156	2.89	27.1	0.0823	0.00252	238	0.0187	0.012	0.000104	0.000837	0.000418	0.26	0.00000371	0.0006	0.000859	0.002007	0.0000231
2040 Nov	1260	0.5	2.25	0.0341	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.175	0.0118	0.00000564	56	0.0000404	0.00048	0.000395	0.00296	0.0256	0.0000156	2.9	27.2	0.0825	0.00253	239	0.0188	0.012	0.000104	0.00084	0.000419	0.261	0.00000371	0.000602	0.000861	0.00207	0.0000231
2040 Dec	1260	0.501	2.25	0.0342	375	0.122	255	0.000839	0.000839	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00296	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.000841	0.000419	0.261	0.00000371	0.000603	0.000862	0.00207	0.0000231
2041 Jan	1260	0.501	2.25	0.0342	375	0.122	255	0.000839	0.000839	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00297	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.000841	0.000419	0.261	0.00000371	0.000603	0.000862	0.00207	0.0000231
2041 Feb	1260	0.501	2.25	0.0342	375	0.122	255	0.000839	0.000839	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00297	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.000841	0.00042	0.261	0.00000371	0.000603	0.000862	0.00207	0.0000231
2041 Mar	1260	0.501	2.25	0.0342	375	0.122	255	0.000839	0.000839	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00297	0.0256	0.0000156	2.9	27.2	0.0826	0.00253	239	0.0188	0.012	0.000104	0.000841	0.00042	0.261	0.00000371	0.000603	0.000862	0.00207	0.0000231
2041 Apr	1260	0.501	2.26	0.0342	375	0.122	255	0.00084	0.00084	0.00000442	0.00643	0.00149	0.176	0.0118	0.00000564	56.1	0.0000404	0.00048	0.000395	0.00297	0.0256	0.0000157	2.9	27.3	0.0826	0.00253	240	0.0188	0.012	0.000104	0.000841	0.00042	0.261	0.00000371	0.000603	0.000863	0.00207	0.0000231
2041 May	1280	0.508	2.29	0.0346	381	0.124	260	0.000838	0.000838	0.00000442	0.0065	0.00151	0.179	0.0118	0.00000566	57.1	0.0000411	0.000488	0.0004	0.00301	0.0257	0.0000159	2.94	27.8	0.0839	0.00258	243	0.0191	0.012	0.000104	0.000856	0.000427	0.265	0.00000372	0.000614	0.000876	0.00209	0.000023
2041 Jun	1250	0.497	2.24	0.0338	372	0.122	256	0.000837	0.000837	0.00000441	0.00652	0.0015	0.177	0.0117	0.00000563	56.5	0.0000409	0.000484	0.000395	0.00298	0.0258	0.0000159	2.9	27.5	0.0828	0.00255	238	0.0189	0.0124	0.000102	0.000851	0.000422	0.261	0.00000363	0.000607	0.000872	0.0021	0.0000219
2041 Jul	1210	0.473	2.13	0.0322	355	0.118	246	0.000838	0.000838	0.00000441	0.00639	0.00145	0.17	0.0115	0.00000558	54.4	0.0000396	0.000469	0.000381	0.00288	0.0255	0.0000154	2.81	26.4	0.0795	0.00245	226	0.0182	0.0124	0.0000996	0.000819	0.000406	0.251	0.00000353	0.000583	0.000843	0.00205	0.0000206
2041 Aug	1180	0.463	2.08	0.0316	348	0.117	242	0.000846	0.000846	0.00000444	0.00634	0.00142	0.168	0.0114	0.0000056	53.7	0.000039	0.000462	0.000376	0.00285	0.0252	0.0000151	2.78	26	0.0781	0.00241	222	0.0179	0.0122	0.0000973	0.000806	0.000401	0.247	0.00000349	0.000574	0.000829	0.00204	0.0000199
2041 Sep	1160	0.456	2.05	0.031	342	0.116	240	0.000848	0.000848	0.00000445	0.0063	0.00141	0.167	0.0113	0.0000056	53.3	0.0000387	0.000456	0.000373	0.00283	0.0248	0.0000149	2.76	25.8	0.0772	0.00239	218	0.0178	0.0119	0.0000947	0.000799	0.000398	0.244	0.00000344	0.000569	0.0008	0.00202	0.0000191
2041 Oct	1150	0.453	2.04	0.0308	340	0.116	240	0.000848	0.000848	0.00000445	0.00629	0.0014	0.167	0.0113	0.00000559	53.3	0.0000386	0.000454	0.000373	0.00283	0.0246	0.0000149	2.76	25.8	0.077	0.00239	217	0.0178	0.0117	0.0000936	0.000798	0.000398	0.244	0.00000341	0.000568	0.000818	0.00202	0.0000187
2041 Nov	1150	0.455	2.05	0.0309	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.0014	0.167	0.0113	0.0000056	53.5	0.0000388	0.000456	0.000374	0.00284	0.0246	0.000015	2.77	26	0.0773	0.0024	218	0.0179	0.0117	0.0000936	0.000802	0.000399	0.245	0.00000341	0.000571	0.000821	0.00202	0.0000187
2041 Dec	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000444	0.00631	0.0014	0.168	0.0113	0.0000056	53.6	0.0000388	0.000456	0.000375	0.00285	0.0246	0.000015	2.77	26	0.0773	0.00241	218	0.0179	0.0117	0.0000936	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000187
2042 Jan	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000444	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000456	0.000375	0.00285	0.0246	0.000015	2.77	26	0.0774	0.00241	218	0.0179	0.0117	0.0000936	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000187
2042 Feb	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000444	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000456	0.000375	0.00285	0.0246	0.000015	2.77	26	0.0774	0.00241	218	0.0179	0.0117	0.0000936	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000187
2042 Mar	1160	0.455	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000444	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000457	0.000375	0.00285	0.0246	0.000015	2.77	26	0.0774	0.00241	218	0.0179	0.0117	0.0000937	0.000803	0.0004	0.245	0.00000341	0.000572	0.000822	0.00202	0.0000187
2042 Apr	1160	0.456	2.05	0.031	342	0.117	241	0.000848	0.000848	0.00000445	0.00631	0.00141	0.168	0.0113	0.0000056	53.6	0.0000388	0.000457	0.000375	0.00285	0.0246	0.000015	2.77	26	0.0775	0.00241	219	0.0179	0.0118	0.0000937	0.000804	0.0004	0.245	0.00000342	0.000572	0.000823	0.00203	0.0000187
2042 May	1160	0.457	2.06	0.0311	344	0.118	242	0.000849	0.000849	0.00000445	0.00633	0.00141	0.169	0.0113	0.0000056	53.9	0.000039	0.000459	0.000377	0.00286	0.0247	0.0000151	2.78	26.1	0.0778	0.00242	219	0.018	0.0118	0.0000939	0.000808	0.000402	0.246	0.00000342	0.000575	0.000826	0.00203	0.0000187
2042 Jun	1130	0.444	2	0.0302	334	0.115	236	0.000851	0.000851	0.00000446	0.00628	0.00139	0.164	0.0112	0.00000559	52.6	0.0000383	0.00045	0.000368	0.0028	0.0247	0.0000148	2.73	25.5	0.0758	0.00236	213	0.0175	0.012	0.0000931	0.000789	0.000392	0.24	0.00000337	0.00056	0.00081	0.00201	0.0000181
2042 Jul	1100	0.431	1.94	0.0293	324	0.113	231	0.000853	0.000853	0.00000446	0.00622	0.00136	0.161	0.0111	0.00000557	51.6	0.0000376	0.000443	0.000361	0.00276	0.0245	0.0000145	2.68	24.9	0.0741	0.00231	207	0.0171	0.012	0.0000916	0.000773	0.000384	0.235	0.00000331	0.000548	0.000795	0.00199	0.0000173
2042 Aug	1090	0.426	1.92	0.029	320	0.114	231	0.000852	0.000852	0.00000445	0.00621	0.00136	0.162	0.011	0.00000556	51.7	0.0000376	0.000443	0.00036	0.00276	0.0243	0.0000146	2.68	25	0.074	0.00232	205	0.0172	0.0119	0.0000891	0.000774	0.000385	0.235	0.00000326	0.000549	0.000794	0.00199	0.0000165
2042 Sep	1070	0.419	1.89	0.0285	315	0.113	229	0.000852	0.000852	0.00000445	0.00618	0.00134	0.161	0.011	0.00000556	51.5	0.0000373	0.000438	0.000358	0.00275	0.0239	0.0000144	2.67	24.9	0.0732	0.0023	202	0.0171	0.0117	0.0000869	0.000769	0.000383	0.233	0.00000322	0.000545	0.000786	0.00197	0.0000159
2042 Oct	1060	0.417	1.88	0.0283	314	0.113	229	0.000852	0.000852	0.00000445	0.00617	0.00134	0.161	0.0109	0.00000555	51.4	0.0000372	0.000437	0.000358	0.00275	0.0238	0.0000144	2.67	24.9	0.0731	0.0023	201	0.0171	0.0116	0.0000861	0.000768	0.000383	0.232	0.00000322	0.000545	0.000784	0.00197	0.0000156
2042 Nov	1060	0.418	1.88	0.0284	315	0.114	229	0.000851	0.000851	0.00000445	0.00619	0.00134	0.162	0.0109	0.00000556	51.6	0.0000374	0.000438	0.000359	0.00275	0.0238	0.0000145	2.67	25	0.0733	0.00231	201	0.0172	0.0116	0.0000861	0.000771	0.000384	0.233	0.0000032	0.000547	0.000787	0.00197	0.0000156
2042 Dec	1070	0.418	1.88	0.0284	315	0.114	230	0.000851	0.000851	0.00000445	0.00619	0.00134	0.162	0.0109	0.00000556	51.7	0.0000374	0.000438	0.000359	0.00276	0.0238	0.0000145	2.67	25	0.0734	0.00231	201	0.0172	0.0116	0.0000861	0.000772	0.000384	0.233	0.0000032	0.000547	0.000787	0.00197	0.0000156
2043 Jan	1070	0.418	1.88	0.0284	315	0.114	230	0.000851	0.000851	0.00000445	0.00619	0.00134	0.162	0.0109	0.00000556	51.7	0.0000374	0.000439	0.000359	0.00276	0.0238	0.0000145	2.67	25	0.0734	0.00231	201	0.0172	0.0116	0.0000861	0.000772	0.000385	0.233	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Feb	1070	0.418	1.88	0.0284	315	0.114	230	0.000851	0.000851	0.00000445	0.00619	0.00134	0.162	0.0109	0.00000556	51.7	0.0000374	0.000439	0.000359	0.00276	0.0238	0.0000145	2.67	25	0.0734	0.00231	201	0.0172	0.0116	0.0000861	0.000772	0.000385	0.233	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Mar	1070	0.418	1.88	0.0284	315	0.114	230	0.000851	0.000851	0.00000445	0.00619	0.00134	0.162	0.0109	0.00000556	51.7	0.0000374	0.000439	0.000359	0.00276	0.0238	0.0000145	2.68	25	0.0734	0.00231	201	0.0172	0.0116	0.0000861	0.000772	0.000385	0.233	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 Apr	1070	0.418	1.88	0.0284	315	0.114	230	0.000852	0.000852	0.00000445	0.0062	0.00134	0.162	0.011	0.00000556	51.7	0.0000374	0.000439	0.00036	0.00276	0.0238	0.0000145	2.68	25.1	0.0734	0.00231	201	0.0172	0.0116	0.0000861	0.000772	0.000385	0.234	0.0000032	0.000548	0.000788	0.00198	0.0000156
2043 May	1070	0.419	1.89	0.0284	315	0.114	230	0.000853	0.000853	0.00000446	0.00621	0.00135	0.162	0.011	0.00000557	51.8	0.0000375	0.00044	0.000361	0.00276	0.0239	0.0000145	2.68	25.1	0.0736	0.00232	202	0.0172	0.0117	0.0000868	0.000774	0.000386	0.234	0.0000032	0.000549	0.00079	0.00198	0.0000156
2043 Jun	1040	0.408	1.83	0.0276	307	0.111	224	0.000854	0.000854	0.00000446	0.00616	0.00133	0.158	0.0112	0.00000554	50.9	0.0000368	0.000434	0.000358	0.00271	0.0248	0.0000143	2.64	24.5	0.0728	0.00226	196	0.0168	0.0121	0.0000947	0.000756	0.000377	0.23	0.0000316	0.000535	0.000784	0.00196	0.0000151
2043 Jul	1030	0.404	1.82	0.0274	304	0.111	223	0.000859	0.000859	0.00000448	0.00616	0.00133	0.158	0.0112	0.00000556	50.8	0.0000367	0.000434	0.000357	0.00271	0.0247	0.0000142	2.64	24.4	0.0725	0.00225	194	0.0168	0.0121	0.0000942	0.000754	0.000376	0.229	0.00000315	0.000534	0.000782	0.00196	0.0000148
2043 Aug	1040	0.409	1.84	0.0277	308	0.113	228	0.00086	0.00086	0.00000449	0.00623	0.00135	0.161	0.0113	0.00000559	51.7	0.0000373	0.000441	0.000362	0.00275	0.0248	0.0000145	2.67	24.9	0.0737	0.0023	197	0.0171	0.0121	0.0000944	0.000769	0.000383	0.233	0.00000317	0.000544	0.000795	0.00198	0.0000148
2043 Sep	1060	0.415	1.87	0.0281	312	0.116	233	0.000857	0.000857	0.00000448	0.0063	0.00137	0.165	0.0113	0.00000561	52.8	0.0000381	0.00045	0.000369	0.0028	0.0249	0.0000148	2.72	25.5	0.0753	0.00235	200	0.0175	0.0121	0.0000943	0.000787	0.000392	0.237	0.00000317	0.000557	0.000811	0.00201	0.0000148
2043 Oct	1070	0.419	1.89	0.0284	316	0.117	237	0.000854	0.000854	0.00000447	0.00636	0.00139	0.168	0.0113	0.00000562	53.7	0.0000386	0.000456	0.000373	0.00284	0.025	0.000015	2.75	26	0.0764	0.0024	202	0.0178	0.0122	0.000094	0.000801	0.000398	0.241	0.00000317	0.000567	0.000823	0.00203	0.0000147
2043 Nov	1070	0.421	1.89	0.0284	316	0.118	238	0.000853	0.000853	0.00000446	0.00639	0.00139	0.169	0.0114	0.00000562	53.9	0.0000388	0.000458	0.000375	0.00285	0.0251	0.0000151	2.76	26.2	0.0767	0.00241	202	0.0179	0.0122	0.0000937	0.000805	0.0004	0.242	0.00000316	0.00057	0.000826	0.00203	0.0000146
2043 Dec	1070	0.421	1.89	0.0284	316	0.118	238	0.000853	0.000853	0.00000446	0.00639	0.00139	0.169	0.0114	0.00000562	53.9	0.0000388	0.000458	0.000375	0.00285	0.0251	0.0000151	2.76	26.2	0.0767	0.00241	202	0.0179	0.0122	0.0000937	0.000805	0.0004	0.242	0.00000316	0.00057	0.000826	0.00203	0.0000146

Appendix D.2-28: FZO04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.189	0.000167	0.0000503	1.31E-06	0.0479	0.0000262	0.0163	0.00000131	0.00000131	6.54E-09	0.00000772	0.00000366	0.00000902	0.0000948	6.54E-09	0.0752	2.62E-08	0.000000915	0.00000157	0.00000248	0.000248	1.31E-08	0.00437	0.0106	0.000268	0.000000386	0.0164	0.0000034	0.0000915	0.00000125	0.000000301	0.00000017	0.000407	2.62E-09	0.000000131	0.00000275	0.00000203	0.000168
Operation (2026-2036): Mean	6540	1.68	5.92	0.13	756	0.198	781	0.000155	0.000155	0.00000268	0.0102	0.0129	0.314	0.0142	0.00000573	86.7	0.0000985	0.00117	0.000766	0.0063	0.0209	0.0000365	10.3	43.9	0.244	0.00787	283	0.0467	0.0247	0.0000396	0.00217	0.00104	1.05	0.0000321	0.00174	0.0018	0.00378	0.0019
Operation (2026-2036): Max	7770	5.85	19.7	0.357	1110	0.357	930	0.000474	0.000474	0.0000105	0.0112	0.0622	0.492	0.0369	0.0000124	108	0.000111	0.00264	0.000911	0.0073	0.0305	0.0000438	31.7	50.9	0.487	0.0127	629	0.0564	0.0999	0.000119	0.00252	0.00121	3.27	0.000162	0.00259	0.00219	0.00475	0.00208
Active Closure (2037-2043): Min	401	0.038	0.119	0.00383	23	0.0345	48.2	0.000475	0.000475	0.00000416	0.00346	0.000495	0.0201	0.00827	0.000005	11.6	0.000011	0.000111	0.00013	0.00108	0.0159	0.00000334	1.19	3.56	0.0154	0.000473	9.11	0.0032	0.00749	0.0000499	0.000151	0.0000987	0.066	0.00000229	0.000106	0.000192	0.00103	0.00000381
Active Closure (2037-2043): Mean	858	0.366	1.22	0.0239	88.9	0.055	103	0.000913	0.000913	0.00000507	0.00406	0.00196	0.0517	0.0103	0.00000542	18.8	0.0000185	0.000271	0.000181	0.00149	0.0176	0.00000563	2.98	6.8	0.0465	0.00129	45.1	0.00627	0.0131	0.0000617	0.000311	0.000174	0.255	0.0000111	0.000276	0.000309	0.00129	0.000118
Active Closure (2037-2043): Max	5670	5.34	17.9	0.324	986	0.331	673	0.000962	0.000962	0.0000101	0.011	0.0237	0.452	0.0356	0.0000118	100	0.000101	0.00244	0.000679	0.00587	0.0388	0.0000281	29.2	41.8	0.448	0.0117	567	0.0373	0.0969	0.000223	0.00204	0.000985	3	0.000148	0.00238	0.00146	0.00444	0.0019
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2043)																																						
2026 Jan																																						
2026 Feb																																						
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2028 Jul																																						
2028 Aug																																						
2028 Sep																																						
2028 Oct																																						
2028 Nov																																						
2028 Dec																																						
2029 Jan	0.189	0.000167	0.0000503	1.31E-06	0.0479	0.0000262	0.0163	0.00000131	0.00000131	6.54E-09	0.00000772	0.00000366	0.00000902	0.0000948	6.54E-09	0.0752	2.62E-08	0.000000915	0.00000157	0.00000248	0.000248	1.31E-08	0.00437	0.0106	0.000268	0.000000386	0.0164	0.0000034	0.0000915	0.00000125	0.000000301	0.00000017	0.000407	2.62E-09	0.000000131	0.00000275	0.00000203	
2029 Feb	0.461	0.000409	0.000123	0.0000032	0.117	0.000064	0.04	0.0000032	0.0000032	1.6E-08	0.0000189	0.00000896	0.0000221	0.000232	0.000000016	0.184	0.000000064	0.00000224	0.00000384	0.00000608	0.000608	0.000000032	0.0107	0.0258	0.000656	0.000000944	0.0401	0.00000832	0.000224	0.00000306	0.000000736	0.000000416	0.000995	6.4E-09	0.00000032	0.00000672	0.00000496	
2029 Mar	0.642	0.00057	0.000171	4.45E-06	0.163	0.000089	0.0556	0.00000445	0.00000445	2.23E-08	0.0000263	0.0000125	0.0000307	0.000323	2.23E-08	0.256	0.000000089	0.00000312	0.00000534	0.00000846	0.000846	4.45E-08	0.0149	0.036	0.000913	0.00000131	0.0559	0.0000116	0.000312	0.00000426	0.00000102	0.000000579	0.00138	8.9E-09	0.000000445	0.00000935	0.0000069	
2029 Apr	0.777	0.00069	0.000208	5.39E-06	0.197	0.000108	0.0674	0.00000539	0.00000539	2.7E-08	0.0000318	0.0000151	0.0000372	0.000391	0.000000027	0.31	0.000000108	0.00000377	0.00000647	0.0000102	0.00102	5.39E-08	0.018	0.0436	0.0011	0.00000159	0.0676	0.000014	0.000377	0.00000515	0.00000124	0.000000701	0.00168	1.08E-08	0.000000539	0.0000113	0.00000835	
2029 May	21.5	0.00368	0.0116	0.000328	3.06	0.000608	2.54	0.0000061	0.0000061	3.17E-08	0.000065	0.00319	0.000885	0.000455	0.000000042	0.593	0.000000417	0.00000669	0.00000955	0.0000307	0.00118	0.000000177	0.0359	0.183	0.0018	0.0000226	0.928	0.000165	0.000429	0.0000059	0.00000808	0.00000401	0.00347	1.65E-08	0.00000538	0.0000183	0.0000202	
2029 Jun	2930	0.415	1.61	0.0458	405	0.0711	351	0.0001	0.0001	6.69E-07	0.00483	0.0622	0.121	0.0045	0.00000213	36.6	0.0000441	0.000377	0.000356	0.00281	0.0117	0.0000175	2.36	19.3	0.0839	0.00297	122	0.0214	0.00541	0.0000241	0.000972	0.000462	0.235	0.000000807	0.000684	0.000879	0.00173	
2029 Jul	7700	1.09	4.24	0.12	1060	0.183	922	0.0000191	0.0000191	5.37E-07	0.0109	0.00784	0.315	0.0086	0.0000044	93.5	0.00011	0.000938	0.000903	0.00724	0.0194	0.0000435	5.99	50.4	0.215	0.00779	319	0.0559	0.00301	0.0000301	0.0025	0.0012	0.605	0.00000163	0.00179	0.00217	0.00403	
2029 Aug	7720	1.09	4.24	0.121	1070	0.183	924	0.0000168	0.0000168	5.26E-07	0.0109	0.00889	0.316	0.0086	0.00000439	93.7	0.00011	0.00094	0.000905	0.00725	0.0192	0.0000436	6	50.5	0.216	0.0078	320	0.056	0.00288	0.0000289	0.0025	0.00121	0.606	0.00000163	0.00179	0.00217	0.00403	
2029 Sep	7730	1.09	4.25	0.121	1070	0.183	925	0.0000155	0.0000155	0.00000052	0.0109	0.0104	0.316	0.00862	0.00000439	93.8	0.000111	0.000941	0.000906	0.00726	0.0192	0.0000436	6	50.6	0.216	0.00782	320	0.0561	0.00297	0.0000285	0.00251	0.00121	0.607	0.00000163	0.00179	0.00218	0.00403	
2029 Oct	7670	1.09	4.22	0.12	1060	0.182	919	0.0000251	0.0000251	5.65E-07	0.0109	0.00915	0.314	0.00874	0.00000441	93.3	0.00011	0.000937	0.000901	0.00722	0.0196	0.0000434	5.97	50.3	0.215	0.00777	318	0.0557	0.00357	0.0000285	0.00249	0.0012	0.603	0.00000164	0.00178	0.00216	0.00402	
2029 Nov	7390	1.05	4.06	0.115	1020	0.177	885	0.000061	0.000061	7.28E-07	0.0108	0.00571	0.303	0.00905	0.00000443	90.5	0.000107	0.00091	0.000872	0.00699	0.0206	0.0000422	5.79	48.5	0.207	0.0075	306	0.0537	0.00556	0.0000281	0.0024	0.00116	0.584	0.00000165	0.00172	0.00209	0.00391	
2029 Dec	7360	1.05	4.05	0.115	1020	0.177	881	0.0000652	0.0000652	7.47E-07	0.0108	0.00569	0.302	0.00908	0.00000443	90.1	0.000106	0.000907	0.000869	0.00697	0.0207	0.000042	5.77	48.3	0.206	0.00747	305	0.0535	0.00579	0.0000281	0.00239	0.00115	0.581	0.00000165	0.00171	0.00208	0.0039	
2030 Jan	7350	1.05	4.04	0.115	1020	0.176	880	0.0000665	0.0000665	7.53E-07	0.0108	0.00568	0.301	0.00912	0.00000443	90.1	0.000106	0.000906	0.000869	0.00696	0.0209	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00587	0.0000285	0.00238	0.00115	0.581	0.00000165	0.00171	0.00208	0.00389	
2030 Feb	7340	1.05	4.04	0.115	1010	0.176	879	0.0000672	0.0000672	7.57E-07	0.0108	0.00568	0.301	0.00917	0.00000443	90	0.000106	0.000906	0.000869	0.00696	0.021	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00592	0.0000292	0.00238	0.00115	0.581	0.00000165	0.00171	0.00208	0.00389	
2030 Mar	7340	1.05	4.04	0.115	1010	0.176	879	0.0000677	0.0000677	7.59E-07	0.0108	0.00568	0.301	0.0092	0.00000443	90	0.000106	0.000906	0.000869	0.00696	0.0211	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00595	0.0000297	0.00238	0.00115	0.581	0.00000166	0.00171	0.00208	0.00389	
2030 Apr	7340	1.05	4.04	0.115	1020	0.176	879	0.000068	0.000068	7.61E-07	0.0108	0.00568	0.301	0.00923	0.00000444	90.1	0.000106	0.000906	0.00087	0.00696	0.0211	0.000042	5.77	48.2	0.206	0.00746	304	0.0534	0.00598	0.00003	0.00238	0.00115	0.581	0.00000166	0.00171	0.00208	0.00389	
2030 May	7380	1.05	4.06	0.115	1020	0.177	884	0.0000686	0.0000686	7.66E-07	0.0109	0.0179	0.303	0.00929	0.00000446	90.6	0.000107	0.000911	0.000875	0.00699	0.0213	0.0000422	5.8	48.4	0.207	0.0075	306	0.0536	0.00603	0.0000304	0.00239	0.00116	0.584	0.00000167	0.00172	0.00209	0.00391	
2030 Jun	6790	0.875	3.39	0.0964	853	0.163	812	0.000142	0.000142	0.0000011	0.0106	0.0118	0.279	0.00907	0.00000449	83.7	0.0001	0.000852	0.000809	0.00646	0.0224	0.0000396	5.38	44.6	0.192	0.00688	256	0.0494	0.00849	0.0000385	0.00223	0.00106	0.539	0.00000169	0.00158	0.00197	0.00381	
2030 Jul	7530	0.932	3.62	0.103	910	0.179	902	0.0000403	0.0000403	6.33E-07	0.0108	0.00816	0.308	0.00863	0.00000441	91.6	0.000108	0.000922	0.000885	0.00709	0.0198	0.0000428	5.87	49.3	0.211	0.00762	273	0.0547	0.00392	0.0000316	0.00245	0.00118	0.592	0.00000164	0.00175	0.00213	0.00399	
2030 Aug	7700	0.952	3.7	0.105	930	0.183	922	0.000019	0.000019	5.36E-07	0.0109	0.011	0.315	0.0086	0.00000439	93.5	0.00011	0.000938	0.000903	0.00724	0.0193	0.0000435	5.98	50.4	0.215	0.00779	279	0.0559	0.00299	0.0000294	0.0025	0.0012	0.605	0.00000163	0.00179	0.00217	0.00403	
2030 Sep	7750	0.959	3.73	0.106	936	0.184	928	0.0000127	0.0000127	5.07E-07	0.0109	0.0151	0.317	0.00858	0.00000439	94	0.000111	0.000943	0.000908	0.00728	0.0192	0.0000437	6.02	50.7	0.217	0.00784	281	0.0563	0.00275	0.0000289	0.00251	0.00121	0.608	0.00000163	0.0018	0.00218	0.00404	
2030 Oct	7750	0.959	3.72	0.106	936	0.184	927	0.0000167	0.0000167	5.27E-07	0.011	0.00944	0.317	0.00867	0.00000441	94.1	0.000111	0.000944	0.000908	0.00728	0.0194	0.0000437	6.02	50.7	0.216	0.00784	280	0.0563	0.00309	0.0000287	0.00251	0.00121	0.608	0.00000164	0.0018	0.00218	0.00405	
2030 Nov	7600	0.944	3.65	0.104	918	0.181	910	0.0000369	0.0000369	0.00000062	0.0109	0.00695	0.311	0.00886	0.00000443	92.6	0.000109	0.00093	0.000894	0.00717	0.02	0.0000431	5.93	49.8	0.213	0.0077	275	0.0552	0.00422	0.0000285	0.00246	0.00119	0.598	0.00000165	0.00177	0.00214	0.00399	
2030 Dec	7570	0.94	3.64	0.103	914	0.181	906	0.0000411	0.0000411	6.39E-07	0.0109	0.00693	0.31	0.0089	0.00000443	92.3	0.000109	0.000927	0.000891	0.00714	0.0201	0.000043	5.91	49.6	0.212	0.00767	274	0.055	0.00446	0.0000284	0.00245	0.00118	0.596	0.00000165	0.00176	0.00214	0.00398	
2031 Jan	7560	0.939	3.63	0.103	913	0.18	905	0.0000427	0.0000427	6.46E-07	0.0109	0.00692	0.31	0.00894	0.00000443	92.2	0.000109	0.000927	0.00089	0.00713	0.0202	0.0000429	5.9	49.5	0.212	0.00766	274	0.0549	0.00455	0.000029	0.00245	0.00118	0.596	0.00000165	0.00176	0.00213	0.00398	
2031 Feb	7550	0.938	3.63	0.103	912	0.18	904	0.0000435	0.0000435	0.00000065	0.0109	0.00692	0.309	0.009	0.00000443	92.2	0.000109	0.000926	0.000891	0.00713	0.0204	0.0000429	5.9	49.5	0.212	0.00765	273	0.0549	0.00461	0.0000298	0.00245	0.00118	0.595	0.00000165	0.00175	0.00213	0.00397	
2031 Mar	7550	0.938	3.63	0.103	912	0.18	904	0.0000441	0.0000441	6.53E-07	0.0109	0.00692	0.309	0.00904	0.00000443	92.2	0.000109	0.000926	0.000891	0.00713	0.0205	0.0000429	5.9	49.5	0.212	0.00765	273	0.0548	0.00465	0.0000303	0.00245	0.00118	0.595	0.00000165	0.00175	0.00213	0.00397	
2031 Apr	7560	0.94	3.64	0.103	914	0.181	906	0.0000446	0.0000446	6.56E-07	0.0109	0.015	0.31	0.00909	0.00000444	92.4	0.000109	0.000929	0.000893	0.00714	0.0206	0.000043	5.91	49.6	0.212	0.00767	274	0.055	0.00469	0.0000308	0.00245	0.00118	0.597	0.00000166	0.00176	0.00214	0.00398	
2031 May	7580	0.931	3.6	0.102	905	0.181	908	0.0000519	0.0000519	6.94E-07	0.011	0.0401	0.311	0.0095	0.00000449	92.9	0.000109	0.000935	0.000902	0.00717	0.0218	0.0000431	5.95	49.7	0.214	0.00768	271	0.0551	0.00511	0.0000414	0.00246	0.00119	0.6	0.00000167	0.00176	0.00216	0.00401	
2031 Jun	7000	0.79	3.05	0.0866	767	0.168	838	0.000123	0.000123	0.00000102	0.0106	0.0173	0.287	0.0114	0.00000452	87.8	0.000103	0.000894	0.000873	0.00669	0.0277	0.0000406	5.63	46.2	0.204	0.0071	230	0.051	0.00857	0.000102	0.00229	0.0011	0.565	0.0000017	0.00163	0.00209	0.00387	
2031 Jul	7330	0.807	3.13	0.0889	786	0.175	877	0.0000761	0.0000761	0.0000008	0.0108	0.019	0.3	0.00993	0.00000447	90.3	0.000106	0.000913	0.000884	0.00694	0.0235	0.0000419	5.79	48.1	0.209	0.00741	236	0.0533	0.00598	0.0000648	0.00239	0.00115	0.582	0.00000167	0.0017	0.00212	0.00395	
2031 Aug	7720	0.836	3.25	0.0922	816	0.183	924	0.0000176	0.0000176	0.00000053	0.0109	0.00952	0.316	0.00869	0.00000439	93.8	0.000111	0.000941	0.000906	0.00726	0.0195	0.0000436	6	50.5	0.216	0.0078	245	0.056	0.00297	0.0000319	0.0025	0.00121	0.606	0.00000163	0.00179	0.00218	0.00404	
2031 Sep	7430	0.809	3.12	0.0887	785	0.178	890	0.0000534	0.0000534	6.93E-07	0.0108	0.00695	0.305	0.00895	0.00000441	90.8	0.000107	0.000913	0.000876	0.00702	0.0203	0.0000423	5.82	48.7	0.208	0.00754	235	0.054	0.00507	0.0000282	0.00241	0.00116	0.586	0.00000165	0.00173	0.0021	0.00392	
2031 Oct	7030	0.772	2.95	0.084	743	0.171	842	0.000108	0.000108	9.43E-07	0.0107	0.00506	0.289	0.00947	0.00000446	86.8	0.000102	0.000875	0.000836	0.0067	0.022	0.0000406	5.57	46.2	0.197	0.00716	223	0.0511	0.00817	0.0000277	0.00228	0.0011	0.559	0.00000167	0.00164	0.002	0.00377	
2031 Nov	6890	0.759	2.9	0.0823	729	0.168	825	0.000128	0.000128	0.00000103	0.0107	0.00475	0.283	0.00966	0.00000448	85.5	0.0001	0.000862	0.000823	0.00659	0.0226	0.00004	5.48	45.3	0.194	0.00704	218	0.0501	0.00928	0.0000276	0.00224	0.00108	0.549	0.00000168	0.00161	0.00196	0.00372	
2031 Dec	6860	0.756	2.88	0.082	726	0.168	822	0.000132	0.000132	0.00000105	0.0107	0.00474	0.282	0.00969	0.00000449	85.2	0.0001	0.000859	0.00082	0.00657	0.0227	0.0000399	5.46	45.1	0.193	0.00701	218	0.0499	0.0095	0.0000275	0.00223	0.00108	0.547	0.00000168	0.0016	0.00195	0.00371	
2032 Jan	6850	0.755	2.88	0.0819	724	0.168	820	0.000133	0.000133	0.00000106	0.0107	0.00473	0.282	0.00974	0.00000449	85.1	0.0000999	0.000859	0.000819	0.00656	0.0228	0.0000398	5.46	45.1	0.193	0.007	217	0.0498	0.00959	0.0000281	0.00222	0.00107	0.547	0.00000168	0.0016	0.00195	0.00371	
2032 Feb	6850	0.754	2.88	0.0818	724	0.168	819	0.000134	0.000134	0.00000106	0.0107	0.00473	0.281	0.0098	0.00000449	85.1	0.0000998	0.000858	0.00082	0.00655	0.023	0.0000398	5.45	45	0.193	0.00699	217	0.0498	0.00965	0.000029	0.00222	0.00107	0.546	0.00000169	0.0016	0.00195	0.0037	
2032 Mar	6840	0.754	2.87	0.0817	723	0.167	819	0.000135	0.000135	0.00000107	0.0107	0.00473	0.281	0.00985	0.00000449	85.1	0.0000998	0.000859	0.00082	0.00655	0.0231	0.0000398	5.45	45	0.193	0.00699	217	0.0498	0.00969	0.0000296	0.00222	0.00107	0.546	0.00000169	0.0016	0.00195	0.0037	
2032 Apr	6850	0.755	2.88	0.0818	724	0.168	820	0.000135	0.000135	0.00000107	0.0107	0.00473	0.282	0.00989	0.0000045	85.2	0.0000999	0.00086	0.000821	0.00656	0.0232	0.0000398	5.46	45.1	0.193	0.007	217	0.0498	0.00973	0.0000301	0.00222	0.00107	0.547	0.00000169	0.0016	0.00196	0.00371	
2032 May	6930	0.761	2.9	0.0825	730	0.169	829	0.000134	0.000134	0.00000106	0.0108	0.0269	0.285	0.00996	0.00000453	86.1	0.000101	0.000869	0.000831	0.00663	0.0233	0.0000403	5.52	45.6	0.195	0.00707	219	0.0504	0.00965	0.0000307	0.00225	0.00109	0.553	0.0000017	0.00162	0.00198	0.00375	
2032 Jun	6580	0.64	2.47	0.0704	622	0.159	788	0.000168	0.000168	0.00000122	0.0105	0.011	0.271	0.00916	0.00000451	81.5	0.0000977	0.000833	0.000788	0.00628	0.023	0.0000387	5.25	43.3	0.186	0.00667	187	0.0479	0.00967	0.0000403	0.00217	0.00103	0.524	0.0000017	0.00153	0.00193	0.00375	
2032 Jul	7730	0.731	2.84	0.0807	714	0.183	926	0.0000145	0.0000145	5.16E-07	0.0109	0.00723	0.316	0.00857	0.00000439	93.8	0.000111	0.000941	0.000906	0.00727	0.0193	0.0000436	6.01	50.6	0.216	0.00782	214	0.0562	0.00281	0.0000297	0.00251	0.00121	0.607	0.00000163	0.00179	0.00218	0.00404	
2032 Aug	7480	0.708	2.75	0.078	690	0.179	895	0.0000486	0.0000486	6.71E-07	0.0107	0.00796	0.306	0.00882	0.00000442	91.2	0.000107	0.000917	0.00088	0.00705	0.0197	0.0000425	5.84	49	0.209	0.00758	207	0.0543	0.00416	0.0000284	0.00242	0.00117	0.589	0.00000165	0.00174	0.00211	0.00394	
2032 Sep	7610	0.721	2.79	0.0794	702	0.181	911	0.000031	0.000031	5.91E-07	0.0108	0.0122	0.312	0.00872	0.0000044	92.6	0.000109	0.00093	0.000893	0.00716	0.0195	0.0000431	5.93	49.8	0.213	0.0077	210	0.0553	0.00357	0.0000283	0.00247	0.00119	0.598	0.00000164	0.00177	0.00214	0.00399	
2032 Oct	7690	0.729	2.83	0.0803	710	0.183	921	0.0000247	0.0000247	5.65E-07	0.0109	0.0123	0.315	0.00873	0.00000442	93.6	0.00011	0.000939	0.000903	0.00724	0.0195	0.0000435	5.99	50.4	0.215	0.00779	213	0.0559	0.00341	0.0000285	0.00249	0.0012	0.605	0.00000164	0.00179	0.00217	0.00403	

Appendix D.2-28: FZO04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.189	0.000167	0.0000503	1.31E-06	0.0479	0.0000262	0.0163	0.00000131	0.00000131	6.54E-09	0.00000772	0.00000366	0.00000902	0.0000948	6.54E-09	0.0752	2.62E-08	0.000000915	0.00000157	0.00000248	0.000248	1.31E-08	0.00437	0.0106	0.000268	0.000000386	0.0164	0.0000034	0.0000915	0.00000125	0.000000301	0.00000017	0.000407	2.62E-09	0.000000131	0.00000275	0.00000203	0.000168
Operation (2026-2036): Mean	6540	1.68	5.92	0.13	756	0.198	781	0.000155	0.000155	0.00000268	0.0102	0.0129	0.314	0.0142	0.00000573	86.7	0.0000985	0.00117	0.000766	0.0063	0.0209	0.0000365	10.3	43.9	0.244	0.00787	283	0.0467	0.0247	0.0000396	0.00217	0.00104	1.05	0.0000321	0.00174	0.0018	0.00378	0.0019
Operation (2026-2036): Max	7770	5.85	19.7	0.357	1110	0.357	930	0.000474	0.000474	0.0000105	0.0112	0.0622	0.492	0.0369	0.0000124	108	0.000111	0.00264	0.000911	0.0073	0.0305	0.0000438	31.7	50.9	0.487	0.0127	629	0.0564	0.0999	0.000119	0.00252	0.00121	3.27	0.000162	0.00259	0.00219	0.00475	0.00208
2032 Nov	7570	0.719	2.78	0.079	699	0.181	906	0.000044	0.000044	6.54E-07	0.0109	0.0105	0.31	0.00893	0.0000444	92.4	0.000109	0.000928	0.000891	0.00714	0.0202	0.000043	5.91	49.6	0.212	0.00767	210	0.055	0.00451	0.0000284	0.00245	0.00118	0.596	0.00000166	0.00176	0.00214	0.00398	
2032 Dec	7310	0.698	2.68	0.0763	675	0.176	875	0.0000764	0.0000764	8.01E-07	0.0108	0.00878	0.3	0.00921	0.00000446	89.7	0.000106	0.000902	0.000864	0.00693	0.0211	0.0000418	5.74	47.9	0.205	0.00743	202	0.0531	0.00633	0.0000281	0.00237	0.00114	0.578	0.00000167	0.0017	0.00207	0.00388	
2033 Jan	7260	0.695	2.67	0.0758	671	0.175	869	0.000082	0.000082	8.26E-07	0.0108	0.00874	0.298	0.00936	0.0000446	89.3	0.000105	0.000899	0.000862	0.00689	0.0215	0.0000416	5.72	47.7	0.204	0.00738	201	0.0528	0.00667	0.0000298	0.00236	0.00114	0.576	0.00000167	0.00169	0.00206	0.00387	
2033 Feb	7250	0.693	2.66	0.0757	669	0.175	868	0.0000842	0.0000842	8.36E-07	0.0108	0.00872	0.297	0.00951	0.0000446	89.2	0.000105	0.000899	0.000863	0.00688	0.0219	0.0000416	5.72	47.6	0.204	0.00737	201	0.0527	0.00682	0.0000332	0.00235	0.00113	0.575	0.00000167	0.00169	0.00206	0.00386	
2033 Mar	7240	0.693	2.66	0.0756	669	0.175	867	0.0000855	0.0000855	8.43E-07	0.0108	0.00872	0.297	0.00961	0.0000447	89.3	0.000105	0.000899	0.000864	0.00688	0.0222	0.0000416	5.72	47.6	0.204	0.00736	201	0.0527	0.00691	0.0000333	0.00235	0.00113	0.575	0.00000167	0.00169	0.00206	0.00386	
2033 Apr	7270	0.696	2.67	0.0759	671	0.175	870	0.0000867	0.0000867	0.00000085	0.0109	0.00875	0.298	0.00971	0.0000449	89.6	0.000105	0.000903	0.000868	0.00691	0.0224	0.0000417	5.74	47.7	0.205	0.00739	201	0.0528	0.007	0.0000343	0.00236	0.00114	0.577	0.00000168	0.00169	0.00207	0.00387	
2033 May	6790	0.634	2.42	0.0687	609	0.165	813	0.000154	0.000154	0.00000116	0.0106	0.0228	0.279	0.0125	0.0000455	86.5	0.0000999	0.00088	0.000867	0.00655	0.0305	0.0000397	5.53	45	0.201	0.00691	183	0.0495	0.0107	0.000119	0.00222	0.00107	0.554	0.00000171	0.00159	0.00205	0.00377	
2033 Jun	7150	0.603	2.33	0.0661	586	0.171	856	0.000103	0.000103	9.24E-07	0.0107	0.011	0.293	0.0109	0.0000045	89.1	0.000104	0.000904	0.000882	0.00681	0.0262	0.0000412	5.7	47.1	0.207	0.00724	176	0.052	0.00751	0.0000903	0.00234	0.00113	0.573	0.00000169	0.00166	0.00211	0.0039	
2033 Jul	7670	0.636	2.47	0.0701	620	0.182	919	0.0000292	0.0000292	5.86E-07	0.0109	0.0107	0.314	0.00894	0.0000443	93.4	0.00011	0.000939	0.000906	0.00722	0.0204	0.0000434	5.98	50.3	0.216	0.00776	186	0.0557	0.00359	0.0000387	0.00249	0.0012	0.604	0.00000165	0.00178	0.00218	0.00404	
2033 Aug	7770	0.642	2.5	0.0709	627	0.184	930	0.0000107	0.0000107	4.99E-07	0.0109	0.0128	0.318	0.0086	0.0000439	94.3	0.000111	0.000946	0.000911	0.0073	0.0193	0.0000438	6.03	50.9	0.217	0.00786	188	0.0564	0.00267	0.0000306	0.00252	0.00121	0.61	0.00000163	0.0018	0.00219	0.00406	
2033 Sep	7410	0.618	2.38	0.0676	598	0.178	888	0.0000552	0.0000552	7.01E-07	0.0108	0.00712	0.304	0.00897	0.0000441	90.7	0.000107	0.000911	0.000874	0.00701	0.0204	0.0000422	5.8	48.6	0.208	0.00752	179	0.0539	0.00522	0.0000281	0.0024	0.00116	0.585	0.00000165	0.00172	0.0021	0.00391	
2033 Oct	6940	0.586	2.23	0.0633	560	0.169	830	0.000118	0.000118	9.86E-07	0.0107	0.00386	0.285	0.00953	0.0000446	85.8	0.000101	0.000865	0.000826	0.00662	0.0222	0.0000402	5.5	45.6	0.195	0.00707	168	0.0504	0.00871	0.0000275	0.00225	0.00109	0.552	0.00000167	0.00162	0.00197	0.00373	
2033 Nov	6820	0.578	2.19	0.0623	551	0.167	816	0.000134	0.000134	0.00000106	0.0107	0.00374	0.28	0.00968	0.0000447	84.7	0.0000994	0.000854	0.000815	0.00653	0.0227	0.0000397	5.43	44.8	0.192	0.00696	165	0.0496	0.0096	0.0000274	0.00221	0.00107	0.544	0.00000168	0.00159	0.00194	0.00369	
2033 Dec	6810	0.577	2.18	0.0622	550	0.167	815	0.000135	0.000135	0.00000107	0.0107	0.00374	0.28	0.00969	0.0000447	84.6	0.0000993	0.000853	0.000814	0.00652	0.0227	0.0000396	5.42	44.8	0.191	0.00695	165	0.0495	0.00968	0.0000274	0.00221	0.00107	0.543	0.00000168	0.00159	0.00194	0.00369	
2034 Jan	6800	0.577	2.18	0.0621	550	0.167	815	0.000136	0.000136	0.00000107	0.0107	0.00373	0.28	0.00971	0.0000447	84.5	0.0000993	0.000853	0.000813	0.00651	0.0228	0.0000396	5.42	44.7	0.191	0.00695	165	0.0495	0.00972	0.0000276	0.00221	0.00107	0.543	0.00000168	0.00159	0.00194	0.00368	
2034 Feb	6800	0.577	2.18	0.0621	550	0.167	814	0.000136	0.000136	0.00000107	0.0107	0.00373	0.28	0.00974	0.0000447	84.5	0.0000992	0.000853	0.000814	0.00651	0.0228	0.0000396	5.42	44.7	0.191	0.00695	165	0.0495	0.00974	0.000028	0.00221	0.00107	0.543	0.00000168	0.00159	0.00194	0.00368	
2034 Mar	6800	0.576	2.18	0.0621	550	0.167	814	0.000137	0.000137	0.00000107	0.0107	0.00373	0.28	0.00976	0.0000448	84.5	0.0000992	0.000853	0.000814	0.00651	0.0229	0.0000396	5.42	44.7	0.191	0.00695	165	0.0495	0.00976	0.0000282	0.00221	0.00107	0.543	0.00000168	0.00159	0.00194	0.00368	
2034 Apr	6810	0.577	2.19	0.0622	551	0.167	815	0.000137	0.000137	0.00000107	0.0107	0.00374	0.28	0.00979	0.0000448	84.7	0.0000994	0.000855	0.000815	0.00652	0.023	0.0000396	5.43	44.8	0.192	0.00696	165	0.0496	0.00979	0.0000285	0.00221	0.00107	0.544	0.00000168	0.00159	0.00194	0.00369	
2034 May	6780	0.57	2.16	0.0613	543	0.166	812	0.000148	0.000148	0.00000113	0.0107	0.0192	0.279	0.0105	0.0000452	84.8	0.0000992	0.000858	0.000824	0.00651	0.0249	0.0000396	5.44	44.7	0.193	0.00692	163	0.0493	0.0104	0.0000489	0.0022	0.00107	0.544	0.0000017	0.00158	0.00196	0.0037	
2034 Jun	7140	0.536	2.06	0.0585	518	0.171	855	0.0000967	0.0000967	8.92E-07	0.0107	0.00924	0.293	0.0108	0.0000447	89	0.000104	0.000901	0.000879	0.0068	0.0258	0.0000411	5.69	47	0.206	0.00724	155	0.0519	0.00742	0.0000851	0.00233	0.00112	0.573	0.00000167	0.00166	0.0021	0.00387	
2034 Jul	7320	0.529	2.05	0.0584	516	0.175	876	0.0000689	0.0000689	7.64E-07	0.0106	0.00948	0.3	0.00887	0.0000443	89.4	0.000105	0.000896	0.000863	0.00693	0.0208	0.0000418	5.73	48	0.205	0.00741	155	0.0532	0.00515	0.0000334	0.00238	0.00115	0.577	0.00000165	0.0017	0.00207	0.00389	
2034 Aug	7490	0.541	2.1	0.0597	528	0.179	897	0.0000465	0.0000465	6.61E-07	0.0107	0.0145	0.307	0.00875	0.0000441	91.2	0.000107	0.000915	0.000881	0.00707	0.0201	0.0000426	5.84	49.1	0.21	0.00758	158	0.0544	0.00418	0.0000319	0.00243	0.00117	0.59	0.00000164	0.00174	0.00211	0.00395	
2034 Sep	7150	0.525	2.01	0.057	505	0.173	856	0.0000894	0.0000894	8.56E-07	0.0107	0.0075	0.293	0.00926	0.0000444	88	0.000103	0.000886	0.000848	0.00679	0.0214	0.0000411	5.64	46.9	0.2	0.00727	151	0.052	0.00708	0.000028	0.00232	0.00112	0.567	0.00000166	0.00166	0.00203	0.00381	
2034 Oct	6690	0.5	1.88	0.0534	473	0.165	801	0.000153	0.000153	0.00000115	0.0106	0.00412	0.275	0.00987	0.0000045	83.4	0.0000979	0.000843	0.000802	0.00643	0.0233	0.0000391	5.35	44	0.188	0.00685	142	0.0487	0.0107	0.0000273	0.00217	0.00105	0.535	0.00000169	0.00156	0.00191	0.00364	
2034 Nov	6560	0.492	1.84	0.0524	464	0.162	785	0.000173	0.000173	0.00000124	0.0106	0.00396	0.27	0.0101	0.0000452	82.1	0.0000962	0.00083	0.000789	0.00632	0.0239	0.0000386	5.27	43.2	0.185	0.00672	139	0.0477	0.0118	0.0000272	0.00213	0.00103	0.526	0.0000017	0.00153	0.00188	0.00359	
2034 Dec	6540	0.491	1.83	0.0522	462	0.162	782	0.000176	0.000176	0.00000125	0.0106	0.00395	0.269	0.0101	0.0000452	81.9	0.000096	0.000828	0.000787	0.0063	0.024	0.0000385	5.26	43	0.184	0.0067	139	0.0476	0.0119	0.0000271	0.00212	0.00103	0.525	0.0000017	0.00153	0.00187	0.00359	
2035 Jan	6530	0.49	1.83	0.0521	462	0.162	781	0.000177	0.000177	0.00000126	0.0106	0.00395	0.269	0.0101	0.0000452	81.8	0.0000959	0.000828	0.000786	0.00629	0.0241	0.0000384	5.25	43	0.184	0.00669	139	0.0475	0.012	0.0000276	0.00212	0.00102	0.524	0.0000017	0.00153	0.00187	0.00358	
2035 Feb	6520	0.49	1.83	0.0521	462	0.162	781	0.000177	0.000177	0.00000126	0.0106	0.00394	0.269	0.0102	0.0000452	81.8	0.0000958	0.000827	0.000787	0.00629	0.0242	0.0000384	5.25	43	0.184	0.00669	138	0.0475	0.012	0.0000283	0.00212	0.00102	0.524	0.0000017	0.00153	0.00187	0.00358	
2035 Mar	6520	0.49	1.83	0.0521	461	0.162	781	0.000178	0.000178	0.00000126	0.0106	0.00394	0.268	0.0102	0.0000452	81.8	0.0000958	0.000828	0.000787	0.00629	0.0243	0.0000384	5.25	43	0.184	0.00669	138	0.0475	0.0121	0.0000288	0.00212	0.00102	0.524	0.0000017	0.00153	0.00187	0.00358	
2035 Apr	6540	0.491	1.83	0.0522	462	0.162	782	0.000179	0.000179	0.00000127	0.0106	0.00395	0.269	0.0103	0.0000454	82	0.000096	0.00083	0.000789	0.0063	0.0244	0.0000385	5.26	43.1	0.184	0.0067	139	0.0476	0.0121	0.0000292	0.00212	0.00103	0.525	0.0000017	0.00153	0.00187	0.00359	
2035 May	6570	0.93	3.3	0.0774	519	0.18	786	0.000202	0.000202	0.00000204	0.0108	0.0204	0.29	0.0126	0.0000523	85	0.0000981	0.000986	0.000789	0.00637	0.0247	0.0000382	7.46	43.7	0.211	0.00725	180	0.0475	0.0195	0.0000353	0.00215	0.00104	0.753	0.0000147	0.00163	0.00186	0.00372	0.000168
2035 Jun	5770	4.95	16.7	0.304	973	0.315	686	0.000449	0.000449	0.00000929	0.0109	0.0262	0.437	0.0335	0.0000112	99	0.000102	0.00231	0.000649	0.00591	0.0254	0.0000292	27.1	42.1	0.429	0.0112	540	0.0384	0.0887	0.00009	0.00208	0.000995	2.79	0.000136	0.00231	0.00141	0.00446	0.00174
2035 Jul	6160	5.82	19.6	0.355	1110	0.356	732	0.000432	0.000432	0.0000105	0.0112	0.0312	0.49	0.0369	0.0000124	108	0.000109	0.00263	0.000664	0.0063	0.0222	0.0000298	31.5	45.4	0.485	0.0126	626	0.0405	0.0999	0.0000707	0.00223	0.00107	3.25	0.000161	0.00258	0.00141	0.00475	0.00207
2035 Aug	6180	5.85	19.7	0.357	1110	0.357	734	0.000422	0.000422	0.0000105	0.0111	0.0279	0.492	0.0369	0.0000124	108	0.000109	0.00264	0.000663	0.0063	0.0215	0.0000297	31.7	45.5	0.487	0.0127	629	0.0406	0.0999	0.0000682	0.00223	0.00107	3.27	0.000162	0.00259	0.00141	0.00474	0.00208
2035 Sep	5890	5.58	18.8	0.34	1060	0.342	700	0.000451	0.000451	0.0000102	0.011	0.0264	0.469	0.036	0.0000121	103	0.000105	0.00253	0.000639	0.00605	0.0228	0.0000288	30.3	43.4	0.465	0.0121	600	0.0387	0.098	0.0000658	0.00212	0.00102	3.12	0.000154	0.00248	0.00135	0.00457	0.00198
2035 Oct	6080	5.76	19.4	0.351	1090	0.352	722	0.000435	0.000435	0.0000104	0.0111	0.026	0.484	0.0367	0.0000123	106	0.000108	0.00261	0.000655	0.00622	0.0222	0.0000294	31.2	44.8	0.48	0.0125	619	0.0399	0.0995	0.0000674	0.00219	0.00105	3.21	0.000159	0.00255	0.00139	0.00468	0.00204
2035 Nov	5990	5.68	19.1	0.346	1080	0.348	711	0.000442	0.000442	0.0000103	0.0111	0.0249	0.477	0.0364	0.0000122	105	0.000106	0.00257	0.000647	0.00614	0.0225	0.0000291	30.8	44.1	0.473	0.0123	610	0.0394	0.0989	0.0000667	0.00216	0.00104	3.17	0.000157	0.00252	0.00137	0.00463	0.00202
2035 Dec	5960	5.65	19	0.345	1070	0.346	708	0.000445	0.000445	0.0000103	0.0111	0.0248	0.475	0.0363	0.0000122	105	0.000106	0.00256	0.000645	0.00612	0.0226	0.000029	30.6	43.9	0.471	0.0122	607	0.0392	0.0987	0.0000664	0.00215	0.00103	3.16	0.000156	0.00251	0.00136	0.00461	0.00201
2036 Jan	5950	5.65	19	0.344	1070	0.346	707	0.000446	0.000446	0.0000103	0.0111	0.0247	0.475	0.0363	0.0000121	104	0.000106	0.00256	0.000645	0.00611	0.0227	0.000029	30.6	43.9	0.47	0.0122	607	0.0391	0.0986	0.0000668	0.00215	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Feb	5950	5.64	19	0.344	1070	0.346	707	0.000446	0.000446	0.0000103	0.0111	0.0247	0.474	0.0363	0.0000121	104	0.000106	0.00256	0.000645	0.00611	0.0228	0.000029	30.6	43.9	0.47	0.0122	606	0.0391	0.0986	0.0000673	0.00215	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Mar	5950	5.64	19	0.344	1070	0.346	707	0.000446	0.000446	0.0000103	0.0111	0.0247	0.474	0.0363	0.0000121	104	0.000106	0.00256	0.000645	0.00611	0.0228	0.000029	30.6	43.8	0.47	0.0122	606	0.0391	0.0986	0.0000676	0.00215	0.00103	3.15	0.000156	0.0025	0.00136	0.00461	0.002
2036 Apr	5960	5.66	19	0.345	1070	0.346	708	0.000447	0.000447	0.0000103	0.0111	0.0296	0.475	0.0364	0.0000122	105	0.000106	0.00256	0.000647	0.00612	0.0229	0.0000291	30.7	44	0.471	0.0123	607	0.0392	0.0988	0.000068	0.00215	0.00104	3.16	0.000156	0.00251	0.00137	0.00462	0.00201
2036 May	6020	5.71	19.2	0.348	1080	0.35	716	0.00045	0.00045	0.0000104	0.0112	0.0424	0.48	0.0368	0.0000123	106	0.000107	0.00259	0.000653	0.00618	0.0231	0.0000293	31	44.4	0.476	0.0124	613	0.0396	0.0997	0.0000688	0.00217	0.00105	3.19	0.000158	0.00253	0.00138	0.00466	0.00203
2036 Jun	5840	5.51	18.6	0.335	1020	0.339	694	0.000465	0.000465	0.0000102	0.011	0.0288	0.466	0.0357	0.0000121	103	0.000104	0.00252	0.000635	0.006	0.0233	0.0000287	30.1	43.1	0.462	0.012	588	0.0384	0.0976	0.0000719	0.00212	0.00102	3.09	0.000153	0.00246	0.00136	0.00462	0.00197
2036 Jul	6080	5.72	19.3	0.348	1060	0.352	722	0.000438	0.000438	0.0000104	0.0111	0.0287	0.484	0.0366	0.0000123	106	0.000107	0.0026	0.000655	0.00622	0.0223	0.0000295	31.2	44.8	0.48	0.0125	608	0.0399	0.0993	0.0000699	0.00219	0.00105	3.21	0.000159	0.00255	0.00139	0.0047	0.00204
2036 Aug	6130	5.77	19.4	0.351	1070	0.355	729	0.000428	0.000428	0.0000104	0.0111	0.0319	0.488	0.0367	0.0000124	107	0.000108	0.00263	0.000659	0.00626	0.0218	0.0000296	31.5	45.1	0.484	0.0126	614	0.0403	0.0996	0.0000688	0.00221	0.00106	3.24	0.00016	0.00257	0.0014	0.00472	0.00206
2036 Sep	6150	5.79	19.5	0.351	1070	0.355	730	0.000425	0.000425	0.0000105	0.0111	0.0276	0.489	0.0368	0.0000124	107	0.000108	0.00263	0.000661	0.00628	0.0217	0.0000296	31.5	45.2	0.485	0.0126	615	0.0404	0.0997	0.0000679	0.00222	0.00107	3.25	0.000161	0.00258	0.0014	0.00472	0.00207
2036 Oct	5700	5.38	18.1	0.326	993	0.333	678	0.000472	0.000472	0.0000101	0.011	0.0245	0.455	0.0355	0.0000119	101	0.000102	0.00246	0.000623	0.0059	0.0238	0.0000283	29.3	42.1	0.45	0.0117	571	0.0375	0.097	0.0000644	0.00206	0.000992	3.02	0.000149	0.0024	0.00131	0.00446	0.00192
2036 Nov	5750	5.42	18.2	0.329	1000	0.336	683	0.000468	0.000468	0.0000101	0.011	0.0241	0.459	0.0356	0.0000119	101	0.000103	0.00248	0.000627	0.00594	0.0236	0.0000284	29.6	42.4	0.454	0.0118	576	0.0378	0.0974	0.0000648	0.00207	0.001	3.04	0.000151	0.00242	0.00132	0.00449	0.00193
2036 Dec	5680	5.36	18	0.325	989	0.332	675	0.000474	0.000474	0.0000101	0.011	0.0237	0.453	0.0354	0.0000118	100	0.000101	0.00245	0.000621	0.00588	0.0239	0.0000282	29.2	41.9	0.449	0.0117	569	0.0374	0.0968	0.0000642	0.00205	0.000988	3.01	0.000149	0.00239	0.00131	0.00445	0.00191
2037 Jan	5670	5.34	17.9	0.324	986	0.331	673	0.000475	0.000475	0.0000101	0.011	0.0237	0.452	0.0354	0.0000118	100	0.000101	0.00244	0.000621	0.00587	0.0241	0.0000281	29.2	41.8	0.448	0.0117	567	0.0373	0.0967	0.0000651	0.00204	0.000985	3	0.000148	0.00238	0.00131	0.00444	0.0019
2037 Feb	5660	5.33	17.9	0.323	985	0.331	672	0.000476	0.000476	0.00001	0.011	0.0236	0.451	0.0355	0.0000118	100	0.000101	0.00244	0.000621	0.00586	0.0243	0.0000281	29.1	41.8	0.447	0.0116	567	0.0372	0.0967	0.0000663	0.00204	0.000984	3	0.000148	0.00238	0.00131	0.00444	0.0019
2037 Mar	5660	5.33	17.9	0.323	985	0.331	672	0.000477	0.000477	0.00001	0.011	0.0236	0.451	0.0355	0.0000118	100	0.000101	0.00244	0.000622	0.00586	0.0245	0.0000281	29.1	41.8	0.447	0.0116	566	0.0372	0.0967	0.0000671	0.00204	0.000984	3	0.000148	0.00238	0.00131	0.00444	0.0019
2037 Apr	5660	5.34	17.9	0.324	986	0.331	673	0.000478	0.000478	0.0000101	0.011	0.0237	0.452	0.0356	0.0000118	100	0.000101	0.00244	0.000624	0.00587	0.0246	0.0000281	29.1	41.8	0.448	0.0117	567	0.0373	0.0969	0.0000677	0.00204	0.000985	3	0.000148	0.00238	0.00131	0.00444	0.0019
2037 May	5130	3.7	12.4	0.227	732	0.258	610	0.000489	0.0000772	0.0103	0.0169	0.36	0.0324	0.0000954	89	0.0000903	0.00189	0.000679	0.00538	0.0388	0.0000279	21.1	37.4	0.357	0.00922	404	0.0348	0.0755	0.000208	0.00184	0.000888	2.16	0.000101	0.00192	0.00146	0.00398	0.00129	
2037 Jun	2870	0.663	2.25	0.0461	211	0.101	342	0.000656	0.000656	0.00000416	0.00693	0.00387	0.141	0.0172	0.00000547	46.8	0.0000498	0.00065	0.000481	0.00328	0.0379	0.0000184	5.36	20.4	0.131	0.00352	90.6	0.0208	0.0255	0.000223	0.00101	0.000495	0.519	0.00000162	0.000785	0.00108	0.00239	0.000186	
2037 Jul	1410	0.287	0.971	0.0208	101	0.0614	169	0.000836	0.000836	0.00000456	0.00471	0.00183	0.0689	0.0114	0.0000521	25.6	0.0000268	0.000352	0.000258	0.00201	0.0249	0.0000945	2.83	10.4	0.0615	0.00171	42.5	0.0105	0.0139	0.000122	0.000501	0.000261	0.245	0.00000779	0.000384	0.000551	0.

Appendix D.2-28: FZO04

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.189	0.000167	0.0000503	1.31E-06	0.0479	0.0000262	0.0163	0.00000131	0.00000131	6.54E-09	0.00000772	0.00000366	0.00000902	0.0000948	6.54E-09	0.0752	2.62E-08	0.000000915	0.00000157	0.00000248	0.000248	1.31E-08	0.00437	0.0106	0.000268	0.000000386	0.0164	0.0000034	0.0000915	0.00000125	0.000000301	0.00000017	0.000407	2.62E-09	0.000000131	0.00000275	0.00000203	0.000168
Operation (2026-2036): Mean	6540	1.68	5.92	0.13	756	0.198	781	0.000155	0.000155	0.00000268	0.0102	0.0129	0.314	0.0142	0.00000573	86.7	0.0000985	0.00117	0.000766	0.0063	0.0209	0.0000365	10.3	43.9	0.244	0.00787	283	0.0467	0.0247	0.0000396	0.00217	0.00104	1.05	0.0000321	0.00174	0.0018	0.00378	0.0019
Operation (2026-2036): Max	7770	5.85	19.7	0.357	1110	0.357	930	0.000474	0.000474	0.0000105	0.0112	0.0622	0.492	0.0369	0.0000124	108	0.000111	0.00264	0.000911	0.0073	0.0305	0.0000438	31.7	50.9	0.487	0.0127	629	0.0564	0.0999	0.000119	0.00252	0.00121	3.27	0.000162	0.00259	0.00219	0.00475	0.00208
2040 May	533	0.0577	0.188	0.00531	32.3	0.0375	63.9	0.000943	0.000943	0.00000478	0.00359	0.000606	0.0259	0.00857	0.0000503	13.3	0.0000129	0.00013	0.000148	0.00119	0.0165	0.00000404	1.35	4.44	0.0203	0.00062	12.5	0.00414	0.00774	0.0000557	0.000193	0.000119	0.0828	0.00000264	0.000139	0.000231	0.00108	0.00000842
2040 Jun	561	0.0585	0.191	0.00543	32.8	0.0379	67.2	0.000936	0.000936	0.00000474	0.00364	0.000621	0.027	0.00865	0.00000501	13.7	0.0000133	0.000135	0.000152	0.00122	0.0169	0.00000426	1.36	4.62	0.0214	0.000646	12.6	0.00435	0.00801	0.0000588	0.000204	0.000123	0.0848	0.00000261	0.000146	0.000245	0.0011	0.0000081
2040 Jul	549	0.0564	0.184	0.00528	32	0.0377	65.8	0.00094	0.00094	0.00000476	0.00361	0.000609	0.0264	0.00859	0.00000502	13.5	0.0000132	0.000135	0.000149	0.00121	0.0169	0.00000418	1.34	4.53	0.0208	0.000632	12.3	0.00426	0.00792	0.0000585	0.0002	0.000122	0.0829	0.00000257	0.000143	0.000241	0.00109	0.00000762
2040 Aug	525	0.0535	0.174	0.00506	30.7	0.0372	62.9	0.000945	0.000945	0.00000478	0.00358	0.00059	0.0254	0.00853	0.00000503	13.2	0.0000128	0.000132	0.000145	0.00119	0.0167	0.00000403	1.32	4.37	0.0199	0.000606	11.8	0.00409	0.00774	0.0000567	0.000191	0.000118	0.0801	0.00000254	0.000137	0.000232	0.00108	0.00000707
2040 Sep	503	0.051	0.165	0.00485	29.5	0.0367	60.3	0.000948	0.000948	0.00000479	0.00355	0.000572	0.0245	0.00849	0.00000503	12.9	0.0000124	0.000125	0.000144	0.00117	0.0164	0.00000387	1.3	4.23	0.0191	0.000583	11.4	0.00393	0.00759	0.0000547	0.000184	0.000114	0.0778	0.0000025	0.000131	0.000223	0.00107	0.00000659
2040 Oct	491	0.0497	0.161	0.00475	28.9	0.0365	58.8	0.000949	0.000949	0.0000048	0.00353	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00383	0.00752	0.0000543	0.000179	0.000113	0.0766	0.00000248	0.000128	0.000218	0.00106	0.00000638
2040 Nov	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000638
2040 Dec	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000638
2041 Jan	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000638
2041 Feb	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000638
2041 Mar	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000638
2041 Apr	491	0.0497	0.161	0.00475	29	0.0365	58.9	0.00095	0.00095	0.0000048	0.00354	0.000562	0.024	0.00848	0.00000503	12.8	0.0000122	0.000122	0.000142	0.00116	0.0163	0.00000379	1.29	4.15	0.0186	0.00057	11.3	0.00384	0.00753	0.0000543	0.000179	0.000113	0.0766	0.00000249	0.000128	0.000218	0.00106	0.00000638
2041 May	492	0.0498	0.161	0.00476	29	0.0365	59	0.000951	0.000951	0.0000048	0.00354	0.000563	0.024	0.00849	0.00000503	12.8	0.0000123	0.000122	0.000143	0.00116	0.0163	0.00000388	1.29	4.16	0.0187	0.000571	11.3	0.00384	0.00754	0.0000545	0.00018	0.000113	0.0768	0.00000249	0.000129	0.000219	0.00106	0.00000638
2041 Jun	501	0.0499	0.162	0.00479	29	0.0366	60.1	0.000947	0.000947	0.00000478	0.00356	0.000567	0.0244	0.00847	0.00000502	12.9	0.0000125	0.000125	0.000143	0.00117	0.0164	0.00000389	1.29	4.22	0.019	0.00058	11.2	0.00392	0.00767	0.0000547	0.000184	0.000114	0.0772	0.00000247	0.000131	0.000223	0.00107	0.00000622
2041 Jul	505	0.049	0.159	0.00475	28.6	0.0365	60.6	0.000942	0.000942	0.00000476	0.00356	0.000566	0.0245	0.00841	0.000005	12.9	0.0000126	0.000127	0.000142	0.00117	0.0164	0.00000394	1.28	4.23	0.019	0.000582	11	0.00395	0.00775	0.0000545	0.000186	0.000115	0.0767	0.00000243	0.000132	0.000226	0.00107	0.00000586
2041 Aug	485	0.047	0.152	0.00459	27.6	0.0362	58.2	0.000949	0.000949	0.00000479	0.00354	0.000552	0.0236	0.00839	0.00000502	12.6	0.0000122	0.000124	0.000139	0.00115	0.0163	0.00000381	1.27	4.1	0.0183	0.000561	10.7	0.0038	0.00762	0.0000535	0.000179	0.000111	0.0746	0.00000242	0.000127	0.000218	0.00107	0.00000555
2041 Sep	467	0.0452	0.146	0.00444	26.8	0.0358	56	0.000952	0.000952	0.0000048	0.00352	0.000538	0.0229	0.00837	0.00000502	12.4	0.000012	0.000119	0.000138	0.00113	0.0161	0.00000368	1.25	3.99	0.0176	0.000542	10.4	0.00367	0.00752	0.0000521	0.000172	0.000109	0.0729	0.0000024	0.000122	0.000211	0.00105	0.00000525
2041 Oct	459	0.0444	0.143	0.00436	26.4	0.0356	55	0.000952	0.000952	0.0000048	0.00351	0.000532	0.0225	0.00835	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.93	0.0173	0.000534	10.3	0.00361	0.00749	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2041 Nov	459	0.0445	0.143	0.00437	26.4	0.0357	55.1	0.000952	0.000952	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0721	0.00000239	0.00012	0.000208	0.00105	0.00000511
2041 Dec	459	0.0445	0.143	0.00437	26.4	0.0357	55.1	0.000952	0.000952	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0722	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Jan	459	0.0445	0.143	0.00437	26.4	0.0357	55.1	0.000952	0.000952	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0722	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Feb	459	0.0445	0.143	0.00437	26.4	0.0357	55.1	0.000952	0.000952	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0722	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Mar	459	0.0445	0.143	0.00437	26.4	0.0357	55.1	0.000952	0.000952	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0722	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 Apr	459	0.0445	0.143	0.00437	26.4	0.0357	55.1	0.000953	0.000953	0.00000481	0.00351	0.000532	0.0226	0.00836	0.00000502	12.3	0.0000118	0.000117	0.000137	0.00113	0.016	0.00000363	1.25	3.94	0.0173	0.000534	10.3	0.00361	0.0075	0.0000518	0.000169	0.000107	0.0722	0.00000239	0.00012	0.000208	0.00105	0.00000511
2042 May	460	0.0446	0.143	0.00438	26.5	0.0357	55.2	0.000954	0.000954	0.00000482	0.00352	0.000533	0.0226	0.00838	0.00000503	12.3	0.0000119	0.000117	0.000138	0.00113	0.0161	0.00000364	1.25	3.95	0.0174	0.000536	10.3	0.00362	0.00752	0.000052	0.00017	0.000108	0.0724	0.00000239	0.000121	0.000209	0.00105	0.00000512
2042 Jun	463	0.0445	0.143	0.00438	26.4	0.0357	55.5	0.000952	0.000952	0.0000048	0.00353	0.000535	0.0227	0.00837	0.00000502	12.4	0.0000119	0.000118	0.000138	0.00113	0.0162	0.00000368	1.25	3.96	0.0175	0.000538	10.3	0.00364	0.00762	0.0000523	0.000171	0.000108	0.0724	0.00000238	0.000121	0.000211	0.00106	0.00000502
2042 Jul	457	0.0435	0.14	0.00431	25.8	0.0355	54.8	0.000951	0.000951	0.0000048	0.00351	0.00053	0.0224	0.00833	0.00000501	12.3	0.0000119	0.000119	0.000136	0.00113	0.0162	0.00000367	1.24	3.92	0.0172	0.000531	10.1	0.0036	0.00764	0.0000523	0.00017	0.000107	0.0714	0.00000236	0.00012	0.00021	0.00105	0.00000481
2042 Aug	445	0.0422	0.135	0.0042	25.1	0.0353	53.4	0.000951	0.000951	0.0000048	0.00349	0.000522	0.0219	0.0083	0.00000501	12.1	0.0000116	0.000117	0.000134	0.00111	0.0161	0.0000036	1.22	3.83	0.0168	0.000518	9.84	0.00351	0.0076	0.0000513	0.000165	0.000105	0.0701	0.00000234	0.000117	0.000205	0.00105	0.00000456
2042 Sep	431	0.0409	0.13	0.00408	24.5	0.035	51.7	0.000952	0.000952	0.0000048	0.00348	0.000512	0.0214	0.00828	0.000005	11.9	0.0000114	0.000114	0.000133	0.0011	0.0159	0.0000035	1.21	3.75	0.0163	0.000504	9.63	0.00341	0.00753	0.0000501	0.00016	0.000103	0.0688	0.00000232	0.000113	0.000199	0.00104	0.00000435
2042 Oct	425	0.0403	0.128	0.00403	24.2	0.0348	50.9	0.000952	0.000952	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109	0.0159	0.00000346	1.21	3.7	0.016	0.000498	9.52	0.00336	0.00751	0.0000499	0.000158	0.000102	0.0681	0.00000231	0.000112	0.000197	0.00103	0.00000425
2042 Nov	425	0.0403	0.128	0.00403	24.2	0.0348	51	0.000952	0.000952	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109	0.0159	0.00000346	1.21	3.7	0.016	0.000498	9.52	0.00336	0.00752	0.0000499	0.000158	0.000102	0.0682	0.00000231	0.000112	0.000197	0.00103	0.00000425
2042 Dec	425	0.0403	0.128	0.00403	24.2	0.0348	51	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109	0.0159	0.00000346	1.21	3.7	0.016	0.000498	9.52	0.00336	0.00752	0.0000499	0.000158	0.000102	0.0682	0.00000231	0.000112	0.000197	0.00103	0.00000425
2043 Jan	425	0.0403	0.128	0.00403	24.2	0.0348	51	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109	0.0159	0.00000346	1.21	3.7	0.016	0.000498	9.52	0.00336	0.00752	0.0000499	0.000158	0.000102	0.0682	0.00000231	0.000112	0.000197	0.00103	0.00000425
2043 Feb	425	0.0403	0.128	0.00403	24.2	0.0348	51	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109	0.0159	0.00000346	1.21	3.7	0.016	0.000498	9.52	0.00336	0.00752	0.0000499	0.000158	0.000102	0.0682	0.00000231	0.000112	0.000197	0.00103	0.00000425
2043 Mar	425	0.0403	0.128	0.00403	24.2	0.0348	51	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00827	0.000005	11.9	0.0000113	0.000112	0.000132	0.00109	0.0159	0.00000346	1.21	3.7	0.016	0.000498	9.53	0.00336	0.00752	0.0000499	0.000158	0.000102	0.0682	0.00000231	0.000112	0.000197	0.00103	0.00000425
2043 Apr	425	0.0403	0.128	0.00403	24.2	0.0348	51	0.000953	0.000953	0.0000048	0.00347	0.000507	0.0211	0.00828	0.000005	11.9	0.0000113	0.000112	0.000132	0.0011	0.0159	0.00000346	1.21	3.71	0.0161	0.000498	9.53	0.00336	0.00752	0.0000499	0.000158	0.000102	0.0682	0.00000231	0.000112	0.000197	0.00103	0.00000425
2043 May	426	0.0404	0.128	0.00404	24.3	0.0349	51.1	0.000954	0.000954	0.00000481	0.00348	0.000508	0.0211	0.0083	0.00000501	11.9	0.0000113	0.000112	0.000133	0.0011	0.0159	0.00000347	1.21	3.71	0.0161	0.000499	9.55	0.00337	0.00754	0.0000502	0.000158	0.000102	0.0684	0.00000232	0.000112	0.000197	0.00103	0.00000425
2043 Jun	427	0.0404	0.128	0.00403	24.1	0.0348	51.3	0.000952	0.000952	0.0000048	0.00348	0.000511	0.0212	0.00833	0.000005	11.9	0.0000114	0.000113	0.000133	0.0011	0.0161	0.00000351	1.21	3.72	0.0163	0.0005	9.49	0.00338	0.00767	0.0000518	0.00016	0.000102	0.0685	0.00000231	0.000113	0.000201	0.00104	0.00000418
2043 Jul	419	0.0396	0.125	0.00397	23.8	0.0348	50.3	0.000956	0.000956	0.00000482	0.00348	0.000506	0.0208	0.00833	0.00000502	11.8	0.0000113	0.000114	0.000132	0.00109	0.0162	0.00000346	1.2	3.67	0.016	0.000492	9.37	0.00333	0.00764	0.000052	0.000157	0.000101	0.0677	0.00000231	0.000111	0.000198	0.00104	0.00000406
2043 Aug	407	0.0385	0.121	0.00388	23.3	0.0346	48.9	0.000961	0.000961	0.00000484	0.00346	0.000499	0.0203	0.00833	0.00000503	11.7	0.0000111	0.000112	0.000131	0.00109	0.0161	0.00000338	1.2	3.6	0.0156	0.000479	9.21	0.00324	0.00757	0.0000513	0.000153	0.0000996	0.0666	0.00000223	0.000108	0.000194	0.00103	0.00000391
2043 Sep	401	0.038	0.119	0.00383	23	0.0345	48.2	0.000962	0.000962	0.00000485	0.00346	0.000495	0.0201	0.00833	0.00000503	11.6	0.000011	0.000111	0.00013	0.00108	0.016	0.00000334	1.19	3.56	0.0154	0.000473	9.11	0.0032	0.00755	0.0000505	0.000151	0.0000987	0.066	0.00000223	0.000106	0.000192	0.00103	0.00000382
2043 Oct	402	0.0381	0.119	0.00383	23	0.0345	48.3	0.000962	0.000962	0.00000485	0.00347	0.000496	0.0201	0.00833	0.00000503	11.7	0.000011	0.000111	0.00013	0.00108	0.0161	0.00000336	1.19	3.57	0.0155	0.000475	9.11	0.00321	0.00758	0.0000505	0.000151	0.0000988	0.0661	0.00000229	0.000107	0.000192	0.00103	0.00000382
2043 Nov	403	0.0381	0.119	0.00384	23	0.0345	48.3	0.000961	0.000961	0.00000484	0.00347	0.000496	0.0202	0.00833	0.00000503	11.7	0.0000111	0.000111	0.00013	0.00108	0.0161	0.00000336	1.19	3.57	0.0155	0.000475	9.11	0.00321	0.0076	0.0000504	0.000151	0.0000988	0.0662	0.00000229	0.000107	0.000192	0.00103	0.00000381
2043 Dec	403	0.0381	0.119	0.00384	23	0.0345	48.3	0.000962	0.000962	0.00000484	0.00347	0.000496	0.0202	0.00833	0.00000503	11.7	0.0000111	0.000111	0.00013	0.00108	0.0161	0.00000336	1.19	3.57	0.0155	0.000475	9.11	0.00321	0.0076	0.0000504	0.000151	0.0000988	0.0662	0.00000229	0.000107	0.000192	0.00103	0.00000381

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
Active Closure (2037-2043): Min	34.4	0.00939	0.00545	0.00097	6.2	0.0198	2.24	0.00097	0.00097	0.00000485	0.00556	0.000912	0.00888	0.0117	0.00000485	9.9	0.00000823	0.000133	0.000099	0.000654	0.0391	0.0000097	0.872	1.2	0.00982	0.000125	2.68	0.000959	0.0434	0.000027	0.0000325	0.0000421	0.0495	0.00000194	0.0000493	0.000129	0.00114	
Active Closure (2037-2043): Mean	48.2	0.0556	0.00762	0.00103	11	0.0354	4.07	0.00103	0.00103	0.00000513	0.00726	0.00113	0.0108	0.0175	0.00000513	15.3	0.0000152	0.000215	0.000166	0.000874	0.0516	0.0000103	1.14	1.83	0.0214	0.000343	4	0.00109	0.0512	0.000148	0.000109	0.0000534	0.0751	0.00000205	0.0000679	0.000364	0.00151	
Active Closure (2037-2043): Max	67.8	0.0852	0.0151	0.00111	16.1	0.043	5.77	0.00111	0.00111	0.00000553	0.00815	0.00144	0.0121	0.0285	0.00000553	23.7	0.0000227	0.000328	0.000386	0.00107	0.0799	0.0000111	1.58	3.1	0.0642	0.000487	5.67	0.00141	0.0565	0.000544	0.000235	0.0000879	0.122	0.00000221	0.0000798	0.000903	0.00207	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Post Closure (2044-2099): Min	50.4	0.0266	0.00712	0.00104	11.9	0.0278	4.71	0.00095	0.000945	0.00000483	0.00583	0.00108	0.0116	0.0125	0.00000494	14	0.0000108	0.000179	0.000121	0.000839	0.0362	0.00000803	1.14	1.82	0.0131	0.00026	4.24	0.00105	0.0308	0.0000411	0.0000598	0.000047	0.0731	0.00000201	0.0000773	0.000207	0.00123	4.72E-08
Post Closure (2044-2099): Mean	109	0.0731	0.0616	0.00201	19	0.0405	19.3	0.00104	0.00101	0.00000509	0.00719	0.00121	0.0213	0.0177	0.00000515	18.2	0.000017	0.00026	0.000194	0.00103	0.0503	0.0000102	1.37	3.36	0.0272	0.000506	8.2	0.00223	0.0477	0.000159	0.000153	0.0000796	0.0941	0.00000219	0.000111	0.000412	0.0015	0.0000182
Post Closure (2044-2099): Max	279	0.123	0.401	0.00766	54.2	0.0466	40.1	0.00123	0.00114	0.00000578	0.00813	0.00185	0.0369	0.0337	0.00000588	33	0.0000232	0.000534	0.000529	0.0014	0.0912	0.0000118	2.28	6.61	0.0905	0.00075	28.8	0.00391	0.0555	0.000603	0.000292	0.00015	0.18	0.00000361	0.000201	0.00105	0.00206	0.0000434
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	48.6	0.0741	0.00652	0.00101	11.7	0.0399	4.47	0.00101	0.00101	0.00000505	0.0074	0.00113	0.011	0.0174	0.00000505	15.4	0.0000135	0.000202	0.000151	0.000919	0.0494	0.0000101	1.13	1.82	0.0165	0.000434	4.13	0.00105	0.0526	0.0000983	0.0000637	0.0000487	0.0746	0.00000202	0.0000736	0.000268	0.00129	
2026 Feb	48.6	0.0741	0.00652	0.00101	11.7	0.0399	4.47	0.00101	0.00101	0.00000505	0.0074	0.00113	0.011	0.0174	0.00000505	15.4	0.0000135	0.000202	0.000151	0.000919	0.0494	0.0000101	1.13	1.82	0.0165	0.000434	4.13	0.00105	0.0526	0.0000983	0.0000637	0.0000487	0.0746	0.00000202	0.0000737	0.000268	0.00129	
2026 Mar	48.7	0.0741	0.00652	0.00101	11.7	0.04	4.47	0.00101	0.00101	0.00000505	0.0074	0.00113	0.011	0.0174	0.00000505	15.4	0.0000135	0.000203	0.000151	0.000919	0.0494	0.0000101	1.14	1.82	0.0165	0.000434	4.14	0.00105	0.0526	0.0000984	0.0000637	0.0000487	0.0747	0.00000202	0.0000737	0.000268	0.00129	
2026 Apr	48.9	0.0744	0.00655	0.00101	11.8	0.0401	4.49	0.00101	0.00101	0.00000507	0.00743	0.00113	0.0111	0.0174	0.00000507	15.5	0.0000136	0.000203	0.000151	0.000923	0.0496	0.0000101	1.14	1.82	0.0166	0.000436	4.15	0.00105	0.0528	0.0000988	0.0000664	0.0000489	0.075	0.00000203	0.000074	0.000269	0.00129	
2026 May	50	0.0754	0.0068	0.00103	12	0.0405	4.58	0.00103	0.00103	0.00000514	0.00753	0.00116	0.0112	0.0179	0.00000514	15.9	0.0000138	0.000209	0.000159	0.000939	0.0509	0.0000103	1.17	1.88	0.0178	0.000439	4.24	0.00108	0.0536	0.000109	0.0000665	0.0000504	0.0771	0.00000206	0.000075	0.000283	0.00132	
2026 Jun	39.2	0.0184	0.00771	0.000986	7.08	0.0214	2.46	0.000986	0.000986	0.00000493	0.00729	0.000927	0.00985	0.0132	0.00000493	11.4	0.0000214	0.000211	0.000132	0.000653	0.0456	0.00000986	0.949	1.39	0.0202	0.000132	2.88	0.00103	0.0456	0.000148	0.000213	0.0000475	0.057	0.00000197	0.0000526	0.000516	0.00199	
2026 Jul	37.8	0.0129	0.00723	0.00103	6.64	0.0233	2.34	0.00103	0.00103	0.00000514	0.00734	0.000942	0.01	0.0125	0.00000514	10.7	0.0000208	0.000199	0.000114	0.000668	0.0449	0.0000103	0.932	1.3	0.0167	0.000126	2.81	0.00104	0.0467	0.000122	0.000212	0.0000459	0.0537	0.00000206	0.0000525	0.000474	0.00202	
2026 Aug	38.9	0.0185	0.00662	0.00104	7.88	0.0317	2.87	0.00104	0.00104	0.00000552	0.00656	0.00103	0.0103	0.0136	0.00000552	11.7	0.0000144	0.000179	0.00011	0.00075	0.0446	0.0000104	0.981	1.38	0.0141	0.00021	3.21	0.00103	0.0465	0.0000996	0.000143	0.0000478	0.0578	0.00000208	0.0000548	0.000313	0.00168	
2026 Sep	41.2	0.0304	0.00652	0.00105	8.77	0.0344	3.23	0.00105	0.00105	0.00000524	0.0068	0.00105	0.0108	0.0143	0.00000524	12.5	0.000014	0.000185	0.000113	0.000787	0.0449	0.0000105	1.02	1.46	0.0136	0.00027	3.43	0.00104	0.0481	0.0000867	0.000123	0.0000482	0.0611	0.00000221	0.0000594	0.000288	0.00161	
2026 Oct	43.9	0.0547	0.00603	0.00103	9.98	0.0374	3.78	0.00103	0.00103	0.00000514	0.00726	0.00106	0.011	0.0151	0.00000514	13.4	0.0000142	0.000189	0.000118	0.000843	0.0452	0.0000103	1.05	1.56	0.0123	0.000361	3.67	0.00102	0.0506	0.0000666	0.0000919	0.0000455	0.0647	0.00000206	0.0000673	0.000259	0.00145	
2026 Nov	44.1	0.0551	0.00604	0.00103	10	0.0375	3.8	0.00103	0.00103	0.00000516	0.00729	0.00107	0.011	0.0151	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.68	0.00102	0.0508	0.0000661	0.0000919	0.0000456	0.065	0.00000206	0.0000676	0.00026	0.00145	
2026 Dec	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00102	0.0508	0.0000661	0.0000919	0.0000456	0.065	0.00000206	0.0000677	0.00026	0.00145	
2027 Jan	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00102	0.0508	0.0000661	0.000092	0.0000456	0.065	0.00000206	0.0000677	0.00026	0.00145	
2027 Feb	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000142	0.000189	0.000118	0.000847	0.0454	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00102	0.0508	0.0000661	0.000092	0.0000456	0.065	0.00000206	0.0000677	0.00026	0.00145	
2027 Mar	44.1	0.0552	0.00605	0.00103	10	0.0376	3.8	0.00103	0.00103	0.00000516	0.0073	0.00107	0.011	0.0152	0.00000516	13.5	0.0000143	0.00019	0.000118	0.000848	0.0455	0.0000103	1.05	1.56	0.0123	0.000364	3.69	0.00103	0.0509	0.0000662	0.000092	0.0000457	0.0651	0.00000207	0.0000677	0.00026	0.00145	
2027 Apr	44.4	0.0555	0.00609	0.00104	10.1	0.0378	3.83	0.00104	0.00104	0.00000519	0.00734	0.00108	0.0111	0.0153	0.00000519	13.6	0.0000143	0.000191	0.000119	0.000853	0.0457	0.0000104	1.06	1.57	0.0124	0.000366	3.71	0.00103	0.0512	0.0000665	0.0000925	0.0000459	0.0655	0.00000208	0.0000681	0.000261	0.00146	
2027 May	46.2	0.0568	0.00658	0.00106	10.5	0.0381	3.97	0.00106	0.00106	0.00000528	0.00746	0.00111	0.0112	0.0161	0.00000528	14.3	0.0000147	0.0002	0.000133	0.000877	0.0482	0.0000106	1.1	1.67	0.0149	0.000369	3.86	0.00107	0.0522	0.0000884	0.0000974	0.0000487	0.0693	0.00000211	0.0000694	0.00029	0.0015	
2027 Jun	39.2	0.0209	0.00741	0.00099	7.23	0.023	2.54	0.00099	0.00099	0.00000495	0.00727	0.000933	0.00996	0.0131	0.00000495	11.4	0.0000205	0.000206	0.000126	0.000666	0.0449	0.0000099	0.948	1.38	0.0186	0.000152	2.91	0.00102	0.0459	0.000133	0.0002	0.0000467	0.0567	0.00000198	0.0000536	0.000483	0.00193	
2027 Jul	36.7	0.0108	0.00696	0.00103	6.35	0.0235	2.24	0.00103	0.00103	0.00000514	0.00729	0.000928	0.00996	0.012	0.00000514	10.3	0.0000206	0.000192	0.000105	0.000659	0.0437	0.0000103	0.91	1.24	0.0151	0.000121	2.73	0.00102	0.0464	0.000109	0.000211	0.0000445	0.0514	0.00000206	0.0000517	0.000456	0.00202	
2027 Aug	39	0.0155	0.00698	0.00107	7.34	0.0284	2.62	0.00107	0.00107	0.00000534	0.00719	0.001	0.0106	0.0131	0.00000534	11.3	0.0000182	0.000194	0.000108	0.00072	0.0449	0.0000107	0.974	1.34	0.0147	0.000175	3.05	0.00106	0.0478	0.000101	0.000183	0.0000475	0.056	0.00000214	0.0000551	0.000396	0.00192	
2027 Sep	42.9	0.0441	0.00635	0.00104	9.32	0.0348	3.45	0.00104	0.00104	0.0000052	0.00729	0.00104	0.0113	0.0144	0.0000052	12.9	0.0000154	0.000196	0.000112	0.000793	0.044	0.0000104	1.03	1.48	0.0127	0.000318	3.49	0.00103	0.0494	0.0000683	0.000119	0.0000466	0.0622	0.00000208	0.0000639	0.000298	0.0016	
2027 Oct	45.4	0.067	0.00585	0.00102	10.5	0.038	4	0.00102	0.00102	0.0000051	0.00765	0.00106	0.0113	0.0153	0.0000051	13.8	0.0000152	0.000196	0.000118	0.000855	0.0448	0.0000102	1.06	1.59	0.0115	0.000406	3.74	0.00102	0.0518	0.0000511	0.0000845	0.0000441	0.066	0.00000204	0.0000713	0.000262	0.00142	
2027 Nov	46.2	0.0733	0.00573	0.00102	10.8	0.039	4.16	0.00102	0.00102	0.00000509	0.00777	0.00106	0.0114	0.0155	0.00000509	14.1	0.0000152	0.000197	0.000119	0.000873	0.0451	0.0000102	1.07	1.62	0.0112	0.00043	3.82	0.00101	0.0526	0.0000467	0.0000755	0.0000435	0.0671	0.00000203	0.0000735	0.000253	0.00138	
2027 Dec	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000508	0.00778	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000151	0.000197	0.000119	0.000875	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000462	0.0000747	0.0000434	0.0672	0.00000203	0.0000737	0.000252	0.00137	
2028 Jan	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000508	0.00778	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000151	0.000197	0.000119	0.000875	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000462	0.0000747	0.0000434	0.0672	0.00000203	0.0000737	0.000252	0.00137	
2028 Feb	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000508	0.00778	0.00106	0.0114	0.0155	0.00000508	14.1	0.0000151	0.000197	0.000119	0.000875	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000462	0.0000747	0.0000435	0.0672	0.00000203	0.0000737	0.000252	0.00137	
2028 Mar	46.2	0.0739	0.00572	0.00102	10.9	0.0391	4.17	0.00102	0.00102	0.00000509	0.00778	0.00106	0.0114	0.0155	0.00000509	14.1	0.0000151	0.000197	0.00012	0.000875	0.0451	0.0000102	1.07	1.62	0.0112	0.000432	3.83	0.00101	0.0527	0.0000463	0.0000747	0.0000435	0.0672	0.00000203	0.0000737	0.000252	0.00137	
2028 Apr	46.4	0.0741	0.00574	0.00102	10.9	0.0392	4.18	0.00102	0.00102	0.00000511	0.0078	0.00107	0.0114	0.0156	0.00000511	14.2	0.0000152	0.000197	0.00012	0.000878	0.0452	0.0000102	1.07	1.63	0.0112	0.000434	3.84	0.00102	0.0528	0.0000464	0.0000749	0.0000436	0.0674	0.00000204	0.0000739	0.000253	0.00138	
2028 May	47	0.0751	0.00582	0.00103	11.1	0.0397	4.24	0.00103	0.00103	0.00000517	0.0079	0.00108	0.0115	0.0158	0.00000517	14.4	0.0000154	0.0002	0.000122	0.000889	0.0458	0.0000103	1.09	1.65	0.0114	0.000439	3.89	0.00103	0.0535	0.0000471	0.0000759	0.0000442	0.0683	0.00000207	0.0000749	0.000256	0.00139	
2028 Jun	38.3	0.0271	0.00661	0.000996	7.16	0.025	2.57	0.000996	0.000996	0.00000498	0.00747	0.000912	0.0103	0.0123	0.00000498	10.9	0.0000203	0.000198	0.000105	0.000669	0.0422	0.00000996	0.919	1.28	0.014	0.000189	2.85	0.000995	0.0467	0.0000879	0.000186	0.0000428	0.0532	0.00000199	0.0000559	0.00043	0.00189	
2028 Jul	36.5	0.0116	0.00687	0.00102	6.31	0.0233	2.22	0.00102	0.00102	0.00000511	0.00729	0.000918	0.00996	0.0119	0.00000511	10.2	0.0000206	0.000192	0.000103	0.000652	0.0432	0.0000102	0.903	1.23	0.0148	0.000123	2.7	0.00101	0.0462	0.000104	0.00021	0.000044	0.0508	0.00000204	0.0000517	0.000454	0.00201	
2028 Aug	39.3	0.0144	0.00718	0.00109	7.1	0.0269	2.53	0.00109	0.00109	0.00000544	0.00755	0.000998	0.0107	0.013	0.00000544	11.2	0.0000202	0.0002	0.000109	0.000714	0.0458	0.0000109	0.976	1.33	0.0152	0.000156	2.99	0.00108	0.049	0.000106	0.000204	0.0000475	0.0555	0.00000218	0.0000557	0.000441	0.00205	
2028 Sep	42.3	0.0348	0.00681	0.00108	8.48	0.0314	3.12	0.00108	0.00108	0.00000541	0.00777	0.00104	0.0111	0.014	0.00000541	12.3	0.0000189	0.000203	0.000114	0.000779	0.0463	0.0000108	1.02	1.45	0.0141	0.000252	3.32	0.00107	0.051	0.0000871	0.000165	0.0000469	0.0603	0.00000216	0.0000627	0.000386	0.00186	
2028 Oct	46.9	0.0816	0.00558	0.00101	11.1	0.0391	4.29	0.00101	0.00101	0.00000506	0.00807	0.00106	0.0112	0.0157	0.00000506	14.3	0.0000162	0.000197	0.000122	0.000893	0.0458	0.0000101	1.07	1.65	0.011	0.000449	3.86	0.00101	0.054	0.0000438	0.0000731	0.0000418	0.0678	0.00000202	0.0000764	0.000263	0.00136	
2028 Nov	47.7	0.0873	0.00549	0.00101	11.4	0.0402	4.45	0.00101	0.00101	0.00000506	0.00816	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000912	0.0461	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000395	0.0000639	0.0000416	0.0691	0.00000202	0.0000784	0.000252	0.00132	
2028 Dec	47.7	0.0873	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0691	0.00000202	0.0000785	0.000252	0.00132	
2029 Jan	47.7	0.0873	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0691	0.00000202	0.0000785	0.000252	0.00132	
2029 Feb	47.7	0.0873	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0691	0.00000202	0.0000785	0.000252	0.00132	
2029 Mar	47.8	0.0874	0.00549	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000506	0.00817	0.00107	0.0113	0.016	0.00000506	14.6	0.000016	0.000198	0.000124	0.000913	0.0462	0.0000101	1.08	1.68	0.0108	0.000474	3.95	0.00101	0.0548	0.0000396	0.000064	0.0000416	0.0692	0.00000203	0.0000785	0.000252	0.00132	
2029 Apr	47.8	0.0874	0.0055	0.00101	11.5	0.0403	4.46	0.00101	0.00101	0.00000507	0.00818	0.00107	0.0114	0.016	0.00000507	14.6	0.000016	0.000199	0.000124	0.000914	0.0462	0.0000101	1.08	1.69	0.0108	0.000475	3.96	0.00101	0.0549	0.0000396	0.0000641	0.0000416	0.0692	0.00000203	0.0000786	0.000253	0.00132	
2029 May	48.3	0.0882	0.00556	0.00102	11.6	0.0407	4.5	0.00102	0.00102	0.00000511	0.00825	0.00108	0.0115	0.0162	0.00000511	14.8	0.0000162	0.000201	0.000125	0.000922	0.0467	0.0000102	1.09	1.7	0.011	0.000479	3.99	0.00102	0.0553	0.0000408	0.0000648	0.0000421	0.0699	0.00000204	0.0000793	0.000256	0.00133	
2029 Jun	45.6	0.0586	0.00685	0.00102	9.9	0.0323	3.71	0.00102	0.00102	0.0000051	0.00795	0.00104	0.0109	0.0155	0.0000051	13.8	0.0000189	0.000212	0.000138	0.000821	0.0479	0.0000102	1.06	1.63	0.0167	0.000328	3.61	0.00105	0.052	0.000102	0.000134	0.0000463	0.0669	0.00000204	0.0000687	0.000392	0.00165	
2029 Jul	34.4	0.00984	0.00605	0.000987	6.53	0.0281	2.44	0.000987	0.000987	0.00000494	0.00623	0.000957	0.00886	0.0122	0.00000494	10.1	0.0000147	0.000155	0.0000993	0.000707	0.0434	0.00000987	0.883	1.23	0.0128	0.000145	2.84	0.000958	0.0445	0.000102	0.000153	0.0000425	0.0509	0.00000197	0.0000497	0.000317	0.00167	
2029 Aug	36.8	0.0148	0.00599	0.00103	7.67	0.0342	2.89	0.00103	0.00103	0.00000514	0.006	0.00105	0.00944	0.0135	0.00000514	11.3	0.0000113	0.000152	0.000103	0.000782	0.0449	0.0000103	0.954	1.34	0.0121	0.000208	3.22	0.000991	0.046	0.0000944	0.000115	0.0000457	0.0561	0.00000206	0.0000532	0.000233	0.00152	
2029 Sep	40.2	0.032	0.00595	0.00104	8.89	0.0372	3.36	0.00104	0.00104	0.00000519	0.00642	0.00107	0.0103	0.0144	0.00000519	12.4	0.0000114	0.000166	0.000108	0.000823	0.045	0.0000104	1.01	1.45	0.0117	0.000289	3.

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2032 Jun	40.4	0.0261	0.00761	0.000983	7.63	0.023	2.7	0.000983	0.000983	0.00000492	0.00737	0.000944	0.00996	0.0137	0.00000492	11.9	0.0000209	0.000212	0.000136	0.00068	0.0461	0.00000983	0.969	1.45	0.0201	0.000166	3.02	0.00103	0.0465	0.000144	0.000198	0.0000475	0.0592	0.00000197	0.0000553	0.000499	0.00191	
2032 Jul	33.7	0.00928	0.00606	0.000966	6.26	0.0261	2.31	0.000966	0.000966	0.00000483	0.00625	0.000921	0.0088	0.0118	0.00000483	9.83	0.0000155	0.000158	0.0000973	0.000674	0.0421	0.00000966	0.861	1.19	0.0129	0.000134	2.72	0.000942	0.0435	0.000101	0.000161	0.0000416	0.0493	0.00000193	0.0000484	0.000337	0.00169	
2032 Aug	37.1	0.0189	0.00593	0.000999	7.92	0.034	2.93	0.000999	0.000999	0.00000499	0.0059	0.00101	0.00984	0.0133	0.00000499	11.4	0.0000108	0.000159	0.0001	0.000751	0.0423	0.00000999	0.949	1.33	0.0117	0.000234	3.21	0.000971	0.0443	0.0000814	0.000106	0.0000458	0.0561	0.000002	0.000053	0.000221	0.00146	
2032 Sep	40.2	0.0308	0.006	0.00102	9.01	0.0371	3.33	0.00102	0.00102	0.00000509	0.00616	0.00105	0.0108	0.0141	0.00000509	12.4	0.0000103	0.000172	0.000104	0.000785	0.0422	0.0000102	1.01	1.42	0.0114	0.000302	3.47	0.000996	0.0458	0.000067	0.000087	0.0000477	0.0604	0.00000204	0.0000579	0.000197	0.0014	
2032 Oct	41.8	0.0407	0.00593	0.00102	9.55	0.0383	3.57	0.00102	0.00102	0.00000512	0.00649	0.00106	0.0109	0.0146	0.00000512	12.9	0.0000109	0.000176	0.000108	0.000815	0.0431	0.0000102	1.03	1.48	0.0113	0.000338	3.59	0.001	0.0475	0.0000618	0.0000796	0.0000471	0.0625	0.00000205	0.0000618	0.000198	0.00138	
2032 Nov	42.5	0.0461	0.00586	0.00102	9.81	0.0388	3.69	0.00102	0.00102	0.00000511	0.00664	0.00107	0.011	0.0148	0.00000511	13.2	0.0000112	0.000178	0.00011	0.000829	0.0434	0.0000102	1.04	1.5	0.0112	0.000356	3.65	0.001	0.0483	0.0000586	0.0000752	0.0000466	0.0634	0.00000204	0.0000637	0.000198	0.00136	
2032 Dec	43	0.0515	0.00577	0.00102	10	0.0392	3.8	0.00102	0.00102	0.00000508	0.00677	0.00107	0.011	0.0149	0.00000508	13.3	0.0000115	0.000179	0.000111	0.000839	0.0435	0.0000102	1.04	1.53	0.011	0.000374	3.69	0.001	0.0489	0.0000551	0.0000703	0.0000459	0.0641	0.00000203	0.0000654	0.000197	0.00133	
2033 Jan	43	0.0515	0.00577	0.00102	10	0.0392	3.8	0.00102	0.00102	0.00000508	0.00677	0.00107	0.011	0.0149	0.00000508	13.3	0.0000115	0.000179	0.000111	0.000839	0.0435	0.0000102	1.04	1.53	0.011	0.000374	3.69	0.001	0.0489	0.0000551	0.0000703	0.0000459	0.0641	0.00000203	0.0000654	0.000197	0.00133	
2033 Feb	43.1	0.0515	0.00577	0.00102	10	0.0392	3.8	0.00102	0.00102	0.00000508	0.00677	0.00107	0.011	0.0149	0.00000508	13.3	0.0000115	0.000179	0.000111	0.000839	0.0436	0.0000102	1.04	1.53	0.011	0.000374	3.69	0.001	0.0489	0.0000551	0.0000703	0.0000459	0.0641	0.00000203	0.0000654	0.000198	0.00133	
2033 Mar	43.1	0.0516	0.00577	0.00102	10.1	0.0393	3.8	0.00102	0.00102	0.00000509	0.00678	0.00107	0.011	0.015	0.00000509	13.4	0.0000115	0.00018	0.000111	0.00084	0.0436	0.0000102	1.04	1.53	0.011	0.000374	3.7	0.001	0.0489	0.0000552	0.0000704	0.0000446	0.0642	0.00000204	0.0000655	0.000198	0.00133	
2033 Apr	43.4	0.0519	0.00581	0.00102	10.1	0.0395	3.82	0.00102	0.00102	0.00000512	0.00682	0.00108	0.0111	0.0151	0.00000512	13.4	0.0000116	0.000181	0.000112	0.000846	0.0439	0.0000102	1.05	1.54	0.0111	0.000377	3.72	0.00101	0.0493	0.0000555	0.0000708	0.0000462	0.0646	0.00000205	0.0000659	0.000199	0.00134	
2033 May	64.8	0.06	0.0135	0.00102	15.2	0.0309	5.4	0.00102	0.00102	0.0000051	0.0068	0.00143	0.00996	0.0273	0.0000051	22.7	0.0000161	0.000304	0.000357	0.00103	0.0768	0.0000102	1.54	2.95	0.0561	0.000298	5.47	0.00137	0.0533	0.000465	0.000144	0.0000846	0.117	0.00000204	0.0000705	0.0007	0.00157	
2033 Jun	56.2	0.0337	0.013	0.000965	11.8	0.0195	4.05	0.000965	0.000965	0.00000482	0.00687	0.00122	0.00904	0.0231	0.00000482	19	0.0000211	0.000292	0.000316	0.000841	0.0697	0.00000965	1.34	2.51	0.0525	0.000139	4.44	0.00128	0.0484	0.00044	0.00022	0.0000762	0.0993	0.00000193	0.0000584	0.000798	0.00191	
2033 Jul	49	0.0245	0.0106	0.00101	9.92	0.0232	3.46	0.00101	0.00101	0.00000506	0.00695	0.00115	0.00939	0.0192	0.00000506	15.8	0.0000198	0.000248	0.000235	0.000805	0.0608	0.0000101	1.19	2.05	0.0376	0.000142	3.89	0.0012	0.0486	0.000311	0.000206	0.0000646	0.082	0.00000202	0.0000568	0.000637	0.00191	
2033 Aug	49.3	0.0247	0.0102	0.00106	10.2	0.0275	3.61	0.00106	0.00106	0.00000531	0.00697	0.0012	0.00983	0.0193	0.00000531	15.9	0.0000182	0.000239	0.000223	0.000853	0.061	0.0000106	1.21	2.04	0.0346	0.000172	4.02	0.00121	0.0504	0.000286	0.000189	0.0000647	0.082	0.00000212	0.0000591	0.000572	0.00188	
2033 Sep	49.1	0.0594	0.00776	0.00102	11.2	0.0354	4.19	0.00102	0.00102	0.00000512	0.00735	0.00114	0.0108	0.0179	0.00000512	15.6	0.0000155	0.000219	0.000174	0.000888	0.0527	0.0000102	1.16	1.89	0.0225	0.000352	4.08	0.0011	0.0518	0.000157	0.000108	0.0000538	0.077	0.00000205	0.0000692	0.000377	0.0015	
2033 Oct	49.4	0.0992	0.00542	0.000979	12.3	0.042	4.82	0.000979	0.000979	0.00000449	0.00806	0.00109	0.0112	0.0169	0.00000449	15.4	0.0000147	0.000199	0.000135	0.000945	0.0469	0.00000979	1.11	1.79	0.0118	0.000522	4.16	0.000995	0.0549	0.0000458	0.000368	0.0000417	0.073	0.00000196	0.0000813	0.000228	0.00115	
2033 Nov	49.8	0.103	0.0053	0.000984	12.5	0.0428	4.91	0.000984	0.000984	0.00000492	0.00818	0.00109	0.0113	0.017	0.00000492	15.6	0.0000148	0.000199	0.000134	0.000957	0.0469	0.00000984	1.11	1.79	0.0112	0.000539	4.2	0.000995	0.0556	0.0000383	0.0000321	0.0000412	0.0734	0.00000197	0.0000828	0.000219	0.00114	
2033 Dec	49.8	0.103	0.0053	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000492	0.00818	0.00109	0.0113	0.017	0.00000492	15.6	0.0000148	0.000199	0.000134	0.000957	0.0469	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000383	0.0000321	0.0000412	0.0734	0.00000197	0.0000829	0.000219	0.00114	
2034 Jan	49.9	0.103	0.0053	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000492	0.00818	0.00109	0.0113	0.017	0.00000492	15.6	0.0000148	0.000199	0.000134	0.000957	0.0469	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000383	0.0000321	0.0000412	0.0734	0.00000197	0.0000829	0.000219	0.00114	
2034 Feb	49.9	0.103	0.0053	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000492	0.00818	0.00109	0.0113	0.017	0.00000492	15.6	0.0000148	0.000199	0.000134	0.000957	0.0469	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000383	0.0000321	0.0000412	0.0734	0.00000197	0.0000829	0.000219	0.00114	
2034 Mar	49.9	0.103	0.0053	0.000985	12.5	0.0428	4.91	0.000985	0.000985	0.00000493	0.00818	0.00109	0.0113	0.017	0.00000493	15.6	0.0000148	0.000199	0.000134	0.000958	0.047	0.00000985	1.11	1.8	0.0112	0.000539	4.2	0.000996	0.0556	0.0000383	0.0000321	0.0000412	0.0734	0.00000197	0.0000829	0.000219	0.00114	
2034 Apr	50.1	0.103	0.00533	0.00099	12.6	0.043	4.94	0.00099	0.00099	0.00000495	0.00823	0.0011	0.0114	0.0171	0.00000495	15.7	0.0000149	0.0002	0.000135	0.000963	0.0472	0.0000099	1.12	1.81	0.0112	0.000542	4.22	0.001	0.0559	0.0000385	0.0000323	0.0000415	0.0738	0.00000198	0.0000833	0.00022	0.00115	
2034 May	58.2	0.0987	0.00859	0.00101	14.4	0.0395	5.43	0.00101	0.00101	0.00000504	0.00807	0.00125	0.011	0.0219	0.00000504	19.2	0.0000163	0.000249	0.000231	0.00103	0.0605	0.0000101	1.32	2.35	0.0295	0.000487	4.89	0.00116	0.0571	0.000207	0.0000689	0.0000583	0.0943	0.00000201	0.0000831	0.000421	0.00129	
2034 Jun	62.5	0.0427	0.0146	0.000983	13.6	0.0206	4.67	0.000983	0.000983	0.00000491	0.00697	0.00134	0.00912	0.0264	0.00000491	21.6	0.0000212	0.00032	0.000371	0.000925	0.0776	0.00000983	1.48	2.88	0.0615	0.000164	5.01	0.00138	0.0509	0.000519	0.000218	0.0000851	0.113	0.00000197	0.0000628	0.000874	0.00189	
2034 Jul	47.5	0.024	0.00987	0.00101	9.88	0.0264	3.53	0.00101	0.00101	0.00000506	0.00658	0.00116	0.00908	0.0189	0.00000506	15.5	0.00001 7	0.000226	0.000221	0.000834	0.0599	0.0000101	1.17	2	0.0344	0.000161	3.91	0.00116	0.0484	0.000289	0.000178	0.0000624	0.08	0.00000202	0.0000566	0.000551	0.00177	
2034 Aug	49.5	0.0259	0.00995	0.00108	10.5	0.0302	3.76	0.00108	0.00108	0.00000539	0.00684	0.00123	0.00983	0.0196	0.00000539	16.1	0.0000166	0.000231	0.00022	0.000888	0.0616	0.0000108	1.23	2.05	0.0335	0.000192	4.13	0.00122	0.0511	0.000279	0.000172	0.0000647	0.0828	0.00000216	0.0000603	0.000525	0.0018	
2034 Sep	49.7	0.0638	0.00763	0.00103	11.5	0.0368	4.33	0.00103	0.00103	0.00000517	0.00747	0.00116	0.0107	0.0183	0.00000517	15.9	0.0000154	0.000215	0.000176	0.000922	0.054	0.0000103	1.17	1.92	0.0221	0.000368	4.17	0.00111	0.0532	0.000157	0.0001	0.0000533	0.0781	0.00000207	0.0000714	0.000366	0.00147	
2034 Oct	49.6	0.0973	0.00558	0.000987	12.3	0.0419	4.82	0.000987	0.000987	0.00000494	0.00805	0.0011	0.0111	0.0171	0.00000494	15.5	0.0000148	0.0002	0.000139	0.000951	0.0478	0.00000987	1.12	1.81	0.0126	0.000513	4.18	0.00101	0.0551	0.0000546	0.0000406	0.0000426	0.0738	0.00000197	0.000081	0.000237	0.00118	
2034 Nov	49.9	0.099	0.00554	0.000991	12.4	0.0423	4.86	0.000991	0.000991	0.00000496	0.00811	0.0011	0.0112	0.0172	0.00000496	15.6	0.0000149	0.0002	0.000139	0.000957	0.0479	0.00000991	1.12	1.81	0.0124	0.000521	4.2	0.00101	0.0555	0.0000515	0.0000388	0.0000425	0.074	0.00000198	0.0000818	0.000234	0.00117	
2034 Dec	49.9	0.099	0.00555	0.000992	12.4	0.0423	4.86	0.000992	0.000992	0.00000496	0.00812	0.0011	0.0112	0.0172	0.00000496	15.6	0.0000149	0.0002	0.000139	0.000958	0.0479	0.00000992	1.12	1.81	0.0124	0.000522	4.21	0.00101	0.0555	0.0000515	0.0000389	0.0000425	0.0741	0.00000198	0.0000819	0.000234	0.00117	
2035 Jan	49.9	0.099	0.00555	0.000992	12.4	0.0423	4.86	0.000992	0.000992	0.00000496	0.00812	0.0011	0.0112	0.0172	0.00000496	15.6	0.0000149	0.0002	0.000139	0.000958	0.0479	0.00000992	1.12	1.81	0.0124	0.000522	4.21	0.00101	0.0555	0.0000515	0.0000389	0.0000425	0.0741	0.00000198	0.0000819	0.000234	0.00117	
2035 Feb	49.9	0.099	0.00555	0.000992	12.4	0.0423	4.86	0.000992	0.000992	0.00000496	0.00812	0.0011	0.0112	0.0172	0.00000496	15.6	0.0000149	0.0002	0.000139	0.000958	0.0479	0.00000992	1.12	1.81	0.0124	0.000522	4.21	0.00101	0.0555	0.0000515	0.0000389	0.0000425	0.0741	0.00000198	0.0000819	0.000234	0.00117	
2035 Mar	49.9	0.0991	0.00555	0.000992	12.4	0.0423	4.87	0.000992	0.000992	0.00000496	0.00812	0.00111	0.0112	0.0172	0.00000496	15.6	0.0000149	0.0002	0.000139	0.000958	0.0479	0.00000992	1.12	1.82	0.0124	0.000522	4.21	0.00101	0.0556	0.0000516	0.0000389	0.0000425	0.0741	0.00000198	0.0000819	0.000234	0.00117	
2035 Apr	50.2	0.0995	0.00557	0.000997	12.5	0.0425	4.89	0.000997	0.000997	0.00000498	0.00816	0.00111	0.0113	0.0173	0.00000498	15.7	0.0000149	0.000201	0.00014	0.000962	0.0482	0.00000997	1.13	1.82	0.0124	0.000524	4.23	0.00101	0.0558	0.0000518	0.000039	0.0000427	0.0744	0.00000199	0.0000823	0.000235	0.00118	
2035 May	53.8	0.0995	0.00683	0.00102	13.3	0.0419	5.14	0.00102	0.00102	0.00000508	0.00822	0.00118	0.0113	0.0192	0.00000508	17.2	0.0000157	0.000222	0.000176	0.001	0.0536	0.0000102	1.21	2.05	0.0192	0.000513	4.53	0.00109	0.057	0.000113	0.0000525	0.0000494	0.0829	0.00000203	0.0000834	0.000311	0.00125	
2035 Jun	42.2	0.0203	0.00881	0.000969	7.9	0.0201	2.72	0.000969	0.000969	0.00000485	0.00714	0.000973	0.00953	0.0151	0.00000485	12.8	0.0000214	0.000227	0.00017	0.000679	0.0502	0.0000969	1.02	1.61	0.0271	0.000123	3.15	0.00107	0.0456	0.000211	0.000217	0.0000531	0.0651	0.00000194	0.0000528	0.000581	0.00197	
2035 Jul	37.8	0.0124	0.00738	0.00102	6.6	0.0223	2.31	0.00102	0.00102	0.00000508	0.00729	0.000931	0.00988	0.0126	0.00000508	10.8	0.0000211	0.000201	0.000118	0.000656	0.0449	0.0000102	0.929	1.31	0.0177	0.000117	2.79	0.00103	0.0461	0.00013	0.000216	0.0000463	0.054	0.00000203	0.0000517	0.00049	0.00203	
2035 Aug	40.4	0.0204	0.00718	0.000105	7.93	0.0289	2.81	0.000105	0.000105	0.00000523	0.00703	0.001	0.0108	0.0136	0.00000523	11.9	0.0000172	0.000201	0.000117	0.000716	0.0445	0.0000105	0.998	1.4	0.0161	0.000203	3.17	0.00105	0.0468	0.000107	0.00017	0.0000493	0.0589	0.00000209	0.0000556	0.000388	0.00184	
2035 Sep	45.5	0.0672	0.00588	0.001	10.7	0.0384	4.04	0.001	0.001	0.00000501	0.00739	0.00105	0.0115	0.0153	0.00000501	14	0.000014	0.000197	0.000119	0.000841	0.0435	0.00001	1.06	1.59	0.0118	0.000418	3.77	0.001	0.0504	0.0000498	0.0000736	0.0000445	0.0666	0.000002	0.0000703	0.000242	0.00135	
2035 Oct	48	0.0911	0.00533	0.000989	11.8	0.0415	4.59	0.000989	0.000989	0.00000494	0.00791	0.00107	0.0114	0.0162	0.00000494	14.9	0.0000144	0.000197	0.000123	0.000913	0.0449	0.0000989	1.09	1.7	0.0104	0.000503	4.02	0.00099	0.0537	0.0000324	0.0000435	0.0000418	0.0701	0.00000198	0.0000786	0.000215	0.0012	
2035 Nov	48.4	0.0975	0.00513	0.000978	12.1	0.0422	4.72	0.000978	0.000978	0.00000489	0.008	0.00107	0.0113	0.0163	0.00000489	15	0.0000144	0.000195	0.000124	0.000927	0.045	0.00000978	1.09	1.72	0.0099	0.000524	4.06	0.000978	0.0542	0.000027	0.0000342	0.0000405	0.0706	0.00000196	0.0000805	0.000205	0.00115	
2035 Dec	48.4	0.0976	0.00513	0.000978	12.1	0.0422	4.72	0.000978	0.000978	0.00000489	0.00801	0.00107	0.0113	0.0163	0.00000489	15	0.0000144	0.000195	0.000124	0.000927	0.045	0.00000978	1.09	1.72	0.0099	0.000524	4.07	0.000979	0.0543	0.000027	0.0000342	0.0000405	0.0706	0.00000196	0.0000805	0.000205	0.00115	
2036 Jan	48.4	0.0976	0.00513	0.000978	12.1	0.0422	4.72	0.000978	0.000978	0.00000489	0.00801	0.00107	0.0113	0.0163	0.00000489	15	0.0000144	0.000195	0.000124	0.000927	0.045	0.00000978	1.09	1.72	0.0099	0.000524	4.07	0.000979	0.0543	0.000027	0.0000342	0.0000405	0.0706	0.00000196	0.0000805	0.000205	0.00115	
2036 Feb	48.4	0.0976	0.00513	0.000978	12.1	0.0422	4.72	0.000978	0.000978	0.00000489	0.00801	0.00107	0.0113	0.0163	0.00000489	15	0.0000144	0.000195	0.000124	0.000927	0.045	0.00000978	1.09	1.72	0.0099	0.000524	4.07	0.000979	0.0543	0.000027	0.0000342	0.0000405	0.0706	0.00000196	0.0000805	0.000205	0.00115	
2036 Mar	48.4	0.0976	0.00513	0.000978	12.1	0.0422	4.72	0.000978	0.000978	0.00000489	0.00801	0.00107	0.0113	0.0163	0.00000489	15	0.0000144	0.000195	0.000124	0.000927	0.045	0.00000978	1.09	1.72	0.0099	0.000524	4.07	0.000979	0.0543	0.000027	0.0000342	0.0000405	0.0706	0.00000196	0.0000805	0.000205	0.00115	
2036 Apr	49.2	0.0983	0.00535	0.000984	12.3	0.0423	4.79	0.000984	0.000984	0.00000492	0.00804	0.00108	0.0114	0.0167	0.00000492	15.3	0.0000145	0.000199	0.000131	0.000938	0.0461	0.00000984	1.1	1.76	0.0111	0.000526	4.14	0.000993	0.0547	0.0000324	0.0000355	0.0000412	0.0724	0.00000197	0.0000811	0.000217	0.00116	
2036 May	52.1	0.101	0.00611	0.00101	13	0.0427	5.03	0.00101	0.00101	0.00000503	0.00818	0.00114	0.0115	0.0181	0.00000503	16.5	0.000015	0.000213	0.000154	0.000975	0.0498	0.0000101	1.17	1.92	0.0151	0.000531	4.38	0.00105	0.0561	0.000056	0.0000411	0.0000443	0.0784	0.00000201	0.0000831	0.000259	0.0012	
2036 Jun	41.7	0.0272	0.00799	0.000986	7.96	0.0229	2.8	0.000986	0.000986	0.00000493	0.00738	0.000966	0.00995	0.0144	0.00000493	12.4	0.000021	0.000218	0.000149	0.000694	0.0478	0.00000986	0.998	1.53	0.0222	0.000167	3.12	0.00105	0.0469	0.000161	0.0002	0.0000493	0.0621	0.00000197	0.0000559	0.000521	0.00192	
2036 Jul	36.4	0.0118	0.00672	0.00101	6.61	0.0255	2.39	0.00101	0.00101	0.00000506	0.00688	0.00095	0.00953	0.0124	0.00000506	10.5	0.0000182	0.00018	0.000108	0.000686	0.0443	0.0000101	0.912	1.27	0.015	0.000135	2.83	0.001	0.0459	0.000112	0.000187	0.0000444	0.0525	0.00000203	0.0000515	0.000406	0.00187	
2036 Aug	38.6	0.0144	0.00688	0.00107	7.36	0.0294	2.68	0.00107	0.00107	0.00000533	0.00698	0.00102	0.0101	0.0134	0.00000533	11.3	0.0000171	0.000183	0.000112	0.000746	0.0464	0.0000107	0.975	1.36	0.015	0.00017	3.1	0.00105	0.0481	0.000111	0.000174	0.0000473	0.0566	0.00000213	0.0000548	0.000376	0.00186	
2036 Sep	41.7	0.0362	0.00644	0.00105	8.88	0.0341	3.3	0.00105	0.00105	0.00000524	0.0071	0.00105	0.0108	0.0143	0.00000524	12.6	0.0000152	0.000189	0.000114	0.000794	0.0452	0.0000105	1.02	1.47	0.0133	0.000281	3.43	0.00104	0.0491	0.0000825	0.000127	0.0000469	0.0613	0.00000209	0.0000615	0.000305	0.00163	
2036 Oct	45.9	0.0737	0.00565	0.00101	10.8	0.0391	4.17	0.00101	0.00101	0.00000506	0.00771	0.00107	0.0111	0.0156	0.00000506	14.1	0.0000149	0.000192	0.000121	0.000882	0.0455	0.0000101	1.06	1.62	0.0113	0.000428	3.82	0.00101	0.0527	0.00005	0.0000722	0.0000429	0.0671	0.00000202	0.0000734	0.000248	0.00135	
2036 Nov	46.5	0.0793	0.00552	0.001	11.1	0.0398	4.3	0.001	0.001	0.00000502	0.0078	0.00107	0.0111	0.0158	0.00000502	14.3	0.0000149	0.000192	0.000121	0.000894	0.0456	0.00001	1.07	1.65	0.0109	0.00045	3.88	0.001	0.0532	0.0000449	0.0000638	0.0000423	0.0679	0.00000201	0.0000752	0.000239	0.00131	
2036 Dec	46.6	0.081	0.00548	0.001	11.2	0.04	4.34	0.

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2039 Dec	42.9	0.054	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.00681	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000902	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000644	0.0000605	0.0000444	0.0651	0.00000207	0.0000675	0.000178	0.00128	
2040 Jan	42.9	0.054	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.00681	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000902	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000644	0.0000605	0.0000444	0.0651	0.00000207	0.0000675	0.000178	0.00128	
2040 Feb	42.9	0.054	0.0055	0.00103	10.1	0.0411	3.95	0.00103	0.00103	0.00000517	0.00681	0.00111	0.0103	0.0155	0.00000517	13.4	0.000011	0.000164	0.000115	0.000902	0.0468	0.0000103	1.05	1.57	0.0107	0.000374	3.8	0.001	0.0512	0.0000644	0.0000605	0.0000444	0.0651	0.00000207	0.0000675	0.000178	0.00128	
2040 Mar	43	0.054	0.0055	0.00103	10.1	0.0412	3.95	0.00103	0.00103	0.00000517	0.00681	0.00111	0.0103	0.0155	0.00000517	13.5	0.000011	0.000164	0.000115	0.000903	0.0468	0.0000103	1.05	1.57	0.0107	0.000375	3.8	0.001	0.0512	0.0000645	0.0000606	0.0000445	0.0651	0.00000207	0.0000676	0.000178	0.00128	
2040 Apr	43.1	0.0542	0.00552	0.00104	10.2	0.0413	3.97	0.00104	0.00104	0.00000519	0.00684	0.00112	0.0104	0.0155	0.00000519	13.5	0.0000111	0.000165	0.000116	0.000906	0.047	0.0000104	1.05	1.58	0.0108	0.000376	3.81	0.00101	0.0514	0.0000647	0.0000608	0.0000446	0.0653	0.00000208	0.0000678	0.000179	0.00128	
2040 May	50.2	0.057	0.00799	0.00105	11.8	0.0389	4.47	0.00105	0.00105	0.00000523	0.0069	0.00123	0.0102	0.0194	0.00000523	16.5	0.0000126	0.000207	0.000131	0.000966	0.0571	0.0000105	1.21	2.02	0.0247	0.000356	4.38	0.00113	0.0529	0.000189	0.0000851	0.000057	0.0821	0.00000209	0.0000697	0.000337	0.00138	
2040 Jun	52.6	0.03	0.0119	0.000975	10.8	0.02	3.7	0.000975	0.000975	0.00000487	0.00699	0.00116	0.00924	0.021	0.00000487	17.4	0.0000212	0.000275	0.000277	0.000803	0.0647	0.00000975	1.26	2.27	0.0456	0.000136	4.11	0.00123	0.0481	0.000378	0.00022	0.0000703	0.0904	0.00000195	0.0000573	0.00074	0.00194	
2040 Jul	46.3	0.0214	0.00984	0.00102	8.97	0.0222	3.11	0.00102	0.00102	0.0000051	0.00724	0.00108	0.00973	0.0173	0.0000051	14.4	0.0000212	0.000241	0.000203	0.000756	0.0564	0.0000102	1.12	1.84	0.0324	0.000131	3.56	0.00116	0.0483	0.000261	0.000219	0.0000598	0.0742	0.00000204	0.0000558	0.00062	0.00201	
2040 Aug	45.5	0.0225	0.00898	0.00105	9.24	0.0279	3.28	0.00105	0.00105	0.00000525	0.00692	0.00112	0.0101	0.0171	0.00000525	14.3	0.0000176	0.000222	0.000182	0.0008	0.0546	0.0000105	1.12	1.79	0.0274	0.00018	3.67	0.00114	0.0488	0.000219	0.00018	0.0000584	0.0727	0.00000021	0.0000573	0.000497	0.00184	
2040 Sep	46.3	0.038	0.00795	0.00104	10.2	0.0336	3.67	0.00104	0.00104	0.0000052	0.00687	0.00112	0.011	0.0168	0.0000052	14.6	0.0000146	0.000216	0.000159	0.000819	0.0499	0.0000104	1.13	1.74	0.0217	0.000288	3.82	0.0011	0.0487	0.000153	0.000128	0.0000558	0.0723	0.00000208	0.0000619	0.000372	0.00161	
2040 Oct	47.5	0.0526	0.00743	0.00104	10.8	0.036	3.97	0.00104	0.00104	0.00000519	0.00722	0.00112	0.0112	0.0169	0.00000519	14.9	0.0000148	0.000214	0.000155	0.000857	0.0496	0.0000104	1.13	1.77	0.0195	0.000346	3.94	0.00109	0.0506	0.000128	0.000108	0.0000531	0.0731	0.00000208	0.0000671	0.00034	0.00152	
2040 Nov	47.7	0.0538	0.00741	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000521	0.00727	0.00112	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000862	0.0498	0.0000104	1.14	1.77	0.0194	0.000352	3.96	0.00109	0.0509	0.000127	0.000107	0.0000531	0.0734	0.00000208	0.0000677	0.000339	0.00152	
2040 Dec	47.8	0.0538	0.00742	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000521	0.00727	0.00112	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000863	0.0498	0.0000104	1.14	1.77	0.0194	0.000352	3.96	0.00109	0.051	0.000127	0.000107	0.0000531	0.0734	0.00000208	0.0000677	0.000339	0.00152	
2041 Jan	47.8	0.0538	0.00742	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000521	0.00727	0.00112	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000863	0.0498	0.0000104	1.14	1.78	0.0194	0.000352	3.96	0.00109	0.051	0.000127	0.000107	0.0000531	0.0734	0.00000208	0.0000677	0.000339	0.00152	
2041 Feb	47.8	0.0538	0.00742	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000521	0.00727	0.00112	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000863	0.0498	0.0000104	1.14	1.78	0.0194	0.000352	3.96	0.00109	0.051	0.000127	0.000107	0.0000531	0.0735	0.00000208	0.0000677	0.000339	0.00152	
2041 Mar	47.8	0.0539	0.00742	0.00104	10.9	0.0363	4.01	0.00104	0.00104	0.00000521	0.00728	0.00113	0.0113	0.017	0.00000521	15	0.0000148	0.000215	0.000155	0.000863	0.0498	0.0000104	1.14	1.78	0.0194	0.000352	3.97	0.00109	0.051	0.000127	0.000107	0.0000531	0.0735	0.00000209	0.0000678	0.000339	0.00152	
2041 Apr	47.9	0.054	0.00744	0.00105	10.9	0.0364	4.02	0.00105	0.00105	0.00000523	0.0073	0.00113	0.0113	0.0171	0.00000523	15.1	0.0000149	0.000215	0.000155	0.000866	0.0499	0.0000105	1.14	1.78	0.0194	0.000353	3.98	0.0011	0.0511	0.000127	0.000107	0.0000533	0.0737	0.00000209	0.0000679	0.00034	0.00153	
2041 May	50.3	0.0553	0.00821	0.00106	11.5	0.0361	4.21	0.00106	0.00106	0.00000528	0.00735	0.00117	0.0113	0.0184	0.00000528	16	0.0000153	0.000228	0.000179	0.000892	0.0534	0.0000106	1.2	1.93	0.0237	0.00035	4.18	0.00114	0.052	0.000165	0.000114	0.0000573	0.0792	0.00000211	0.000069	0.000387	0.00156	
2041 Jun	38.9	0.02	0.00736	0.00099	7.13	0.0229	2.5	0.00099	0.00099	0.00000495	0.00726	0.000925	0.01	0.0129	0.00000495	11.2	0.0000205	0.000206	0.000123	0.000658	0.0443	0.0000099	0.941	1.36	0.0181	0.000151	2.88	0.00102	0.0457	0.000128	0.000201	0.0000464	0.0559	0.00000198	0.0000532	0.000479	0.00194	
2041 Jul	34.6	0.00959	0.0064	0.000984	6.2	0.0245	2.24	0.000984	0.000984	0.00000492	0.00666	0.000912	0.00924	0.0117	0.00000492	9.9	0.0000177	0.000172	0.000099	0.000657	0.0423	0.00000984	0.872	1.2	0.0137	0.000125	2.68	0.000967	0.0443	0.000102	0.000183	0.0000424	0.0495	0.00000197	0.0000493	0.000388	0.00183	
2041 Aug	37.4	0.0146	0.00649	0.00103	7.28	0.0298	2.65	0.00103	0.00103	0.00000517	0.00664	0.000997	0.01	0.0129	0.00000517	11	0.0000155	0.000175	0.000104	0.000726	0.044	0.0000103	0.947	1.31	0.0134	0.000182	3.04	0.00101	0.0463	0.0000965	0.000157	0.0000459	0.0548	0.00000207	0.0000533	0.000332	0.00175	
2041 Sep	40.7	0.0313	0.00632	0.00104	8.69	0.0343	3.19	0.00104	0.00104	0.00000518	0.00675	0.00103	0.0109	0.0139	0.00000518	12.3	0.0000137	0.000184	0.000107	0.00077	0.0433	0.0000104	1	1.42	0.0125	0.000277	3.37	0.00102	0.0473	0.0000745	0.000119	0.0000472	0.0598	0.00000207	0.00059	0.000274	0.00158	
2041 Oct	44	0.058	0.00587	0.00102	10.1	0.0377	3.83	0.00102	0.00102	0.0000051	0.00731	0.00106	0.0111	0.015	0.0000051	13.4	0.0000141	0.000189	0.000114	0.000841	0.0444	0.0000102	1.04	1.55	0.0115	0.000377	3.67	0.00101	0.0505	0.000056	0.0000861	0.0000447	0.0644	0.00000204	0.0000681	0.000248	0.00142	
2041 Nov	44.5	0.0609	0.00585	0.00102	10.3	0.0383	3.91	0.00102	0.00102	0.00000512	0.00739	0.00106	0.0112	0.0151	0.00000512	13.6	0.0000142	0.00019	0.000116	0.000851	0.0447	0.0000102	1.05	1.57	0.0114	0.000389	3.72	0.00101	0.0511	0.0000544	0.0000833	0.0000447	0.0652	0.00000205	0.0000693	0.000246	0.00141	
2041 Dec	44.5	0.0609	0.00585	0.00102	10.3	0.0383	3.91	0.00102	0.00102	0.00000512	0.0074	0.00106	0.0112	0.0151	0.00000512	13.6	0.0000142	0.00019	0.000116	0.000852	0.0447	0.0000102	1.05	1.57	0.0114	0.000389	3.72	0.00101	0.0511	0.0000545	0.0000834	0.0000447	0.0652	0.00000205	0.0000693	0.000247	0.00141	
2042 Jan	44.6	0.0609	0.00585	0.00102	10.3	0.0383	3.91	0.00102	0.00102	0.00000512	0.0074	0.00106	0.0112	0.0152	0.00000512	13.6	0.0000142	0.00019	0.000116	0.000852	0.0447	0.0000102	1.05	1.57	0.0114	0.000389	3.72	0.00101	0.0511	0.0000545	0.0000834	0.0000447	0.0652	0.00000205	0.0000693	0.000247	0.00141	
2042 Feb	44.6	0.0609	0.00585	0.00103	10.3	0.0383	3.91	0.00103	0.00103	0.00000513	0.0074	0.00106	0.0112	0.0152	0.00000513	13.6	0.0000142	0.00019	0.000116	0.000852	0.0447	0.0000103	1.05	1.57	0.0114	0.000389	3.72	0.00102	0.0511	0.0000545	0.0000834	0.0000447	0.0652	0.00000205	0.0000693	0.000247	0.00141	
2042 Mar	44.6	0.061	0.00586	0.00103	10.3	0.0383	3.91	0.00103	0.00103	0.00000513	0.0074	0.00106	0.0112	0.0152	0.00000513	13.6	0.0000142	0.00019	0.000116	0.000853	0.0448	0.0000103	1.05	1.57	0.0114	0.000389	3.72	0.00102	0.0512	0.0000545	0.0000834	0.0000447	0.0653	0.00000205	0.0000694	0.000247	0.00141	
2042 Apr	44.9	0.0613	0.00589	0.00103	10.4	0.0385	3.94	0.00103	0.00103	0.00000516	0.00745	0.00107	0.0113	0.0153	0.00000516	13.7	0.0000143	0.000192	0.000117	0.000858	0.045	0.0000103	1.06	1.58	0.0115	0.000392	3.74	0.00102	0.0515	0.0000548	0.0000839	0.000045	0.0657	0.00000206	0.0000698	0.000248	0.00142	
2042 May	50.2	0.0634	0.00768	0.00105	11.6	0.0375	4.34	0.00105	0.00105	0.00000525	0.00753	0.00117	0.0112	0.0182	0.00000525	16	0.0000153	0.000221	0.000172	0.000914	0.0529	0.0000105	1.18	1.91	0.0215	0.00038	4.19	0.00112	0.0531	0.000145	0.0001	0.0000543	0.0783	0.0000021	0.0000717	0.000357	0.00149	
2042 Jun	41	0.0253	0.00772	0.000995	7.82	0.0239	2.76	0.000995	0.000995	0.00000498	0.00731	0.000965	0.0101	0.014	0.00000498	12.1	0.0000203	0.000212	0.000139	0.000694	0.0468	0.00000995	0.987	1.48	0.0205	0.000171	3.09	0.00105	0.0467	0.000148	0.000195	0.0000488	0.0606	0.00000199	0.0000555	0.000491	0.0019	
2042 Jul	35.2	0.0104	0.00634	0.000999	6.56	0.027	2.41	0.000999	0.000999	0.000005	0.0065	0.000955	0.00915	0.0123	0.000005	10.3	0.0000161	0.000165	0.000103	0.000699	0.0438	0.00000999	0.896	1.25	0.0137	0.00014	2.84	0.000978	0.0451	0.000107	0.000167	0.0000434	0.0516	0.000002	0.0000504	0.000354	0.00176	
2042 Aug	40	0.03	0.00595	0.000993	9.2	0.0377	3.34	0.000993	0.000993	0.00000497	0.00578	0.00103	0.0111	0.0139	0.00000497	12.5	0.00000845	0.000174	0.0001	0.000756	0.0395	0.00000993	1	1.4	0.011	0.000321	3.47	0.000977	0.0434	0.0000562	0.0000716	0.0000488	0.0604	0.00000199	0.0000561	0.000161	0.00131	
2042 Sep	44	0.0526	0.00579	0.000994	10.7	0.0415	3.94	0.000994	0.000994	0.00000497	0.00624	0.00106	0.0121	0.015	0.00000497	13.9	0.00000823	0.000189	0.000105	0.000803	0.0391	0.00000994	1.06	1.52	0.0101	0.000427	3.8	0.000987	0.0455	0.0000321	0.0000404	0.0000491	0.0658	0.00000199	0.000064	0.000129	0.00118	
2042 Oct	46.3	0.0743	0.00545	0.000988	11.5	0.0425	4.35	0.000988	0.000988	0.00000494	0.00702	0.00107	0.0118	0.0157	0.00000494	14.5	0.0000107	0.000191	0.000114	0.000866	0.0417	0.00000988	1.08	1.62	0.00982	0.000481	3.96	0.000984	0.0496	0.0000027	0.0000326	0.0000454	0.0685	0.00000198	0.0000072	0.000153	0.00114	
2042 Nov	46.5	0.0751	0.00547	0.000993	11.6	0.0427	4.38	0.000993	0.000993	0.00000496	0.00707	0.00107	0.0119	0.0158	0.00000496	14.6	0.0000108	0.000192	0.000114	0.000871	0.042	0.00000993	1.08	1.63	0.00985	0.000484	3.98	0.000988	0.0499	0.0000027	0.0000325	0.0000455	0.0688	0.00000199	0.0000725	0.000154	0.00115	
2042 Dec	46.6	0.0751	0.00547	0.000993	11.6	0.0427	4.38	0.000993	0.000993	0.00000496	0.00708	0.00107	0.0119	0.0158	0.00000496	14.6	0.0000108	0.000192	0.000114	0.000871	0.042	0.00000993	1.09	1.63	0.00986	0.000484	3.98	0.000989	0.0499	0.0000027	0.0000325	0.0000455	0.0689	0.00000199	0.0000725	0.000154	0.00115	
2043 Jan	46.6	0.0751	0.00547	0.000993	11.6	0.0427	4.38	0.000993	0.000993	0.00000496	0.00708	0.00107	0.0119	0.0158	0.00000496	14.6	0.0000108	0.000192	0.000114	0.000871	0.042	0.00000993	1.09	1.63	0.00986	0.000484	3.98	0.000989	0.0499	0.0000027	0.0000326	0.0000455	0.0689	0.00000199	0.0000725	0.000154	0.00115	
2043 Feb	46.6	0.0751	0.00547	0.000993	11.6	0.0427	4.38	0.000993	0.000993	0.00000497	0.00708	0.00107	0.0119	0.0158	0.00000497	14.6	0.0000108	0.000192	0.000114	0.000871	0.042	0.00000993	1.09	1.63	0.00986	0.000484	3.98	0.000989	0.0499	0.0000027	0.0000326	0.0000455	0.0689	0.00000199	0.0000725	0.000154	0.00115	
2043 Mar	46.6	0.0751	0.00548	0.000993	11.6	0.0427	4.38	0.000993	0.000993	0.00000497	0.00708	0.00107	0.0119	0.0158	0.00000497	14.6	0.0000108	0.000193	0.000114	0.000872	0.042	0.00000993	1.09	1.63	0.00986	0.000485	3.98	0.000989	0.0499	0.0000027	0.0000326	0.0000455	0.0689	0.00000199	0.0000725	0.000155	0.00115	
2043 Apr	46.8	0.0756	0.00551	0.000999	11.6	0.043	4.41	0.000999	0.000999	0.000005	0.00712	0.00108	0.0119	0.0159	0.000005	14.7	0.0000108	0.000194	0.000115	0.000877	0.0422	0.0000999	1.09	1.64	0.00992	0.000487	4.01	0.000995	0.0502	0.0000272	0.0000327	0.0000458	0.0693	0.000002	0.000073	0.000155	0.00116	
2043 May	52.9	0.0763	0.00764	0.00102	13	0.0412	4.83	0.00102	0.00102	0.00000501	0.00721	0.00119	0.0118	0.0192	0.00000501	17.2	0.0000123	0.000228	0.00018	0.000938	0.0517	0.0000102	1.23	2.02	0.0219	0.000463	4.5	0.00111	0.0521	0.000137	0.0000565	0.0000566	0.0836	0.00000204	0.0000747	0.000293	0.00126	
2043 Jun	54.2	0.0326	0.0122	0.000985	11.2	0.0206	3.86	0.000985	0.000985	0.00000492	0.00706	0.00119	0.0094	0.0217	0.00000492	18	0.0000213	0.000282	0.000287	0.000824	0.0663	0.00000985	1.29	2.35	0.0471	0.000147	4.25	0.00126	0.0488	0.00039	0.000219	0.0000722	0.0934	0.00000197	0.0000587	0.000752	0.00194	
2043 Jul	47.8	0.0231	0.01	0.00105	9.48	0.0244	3.32	0.00105	0.00105	0.00000523	0.00722	0.00113	0.00982	0.0182	0.00000523	15.1	0.0000203	0.000242	0.000212	0.0008	0.0587	0.0000105	1.16	1.93	0.0334	0.000148	3.76	0.00119	0.0496	0.000272	0.000209	0.0000619	0.0776	0.00000209	0.0000576	0.000606	0.00198	
2043 Aug	48.5	0.028	0.0094	0.00108	10.1	0.0302	3.58	0.00108	0.00108	0.0000054	0.0071	0.00117	0.0108	0.0181	0.0000054	15.4	0.0000173	0.000236	0.000193	0.000833	0.056	0.0000108	1.19	1.9	0.0288	0.000219	3.93	0.00119	0.0501	0.000224	0.000173	0.0000662	0.0778	0.00000216	0.0000605	0.000497	0.00184	
2043 Sep	48.4	0.041	0.0083	0.00106	10.8	0.0349	3.86	0.00106	0.00106	0.00000531	0.00699	0.00115	0.0115	0.0175	0.00000531	15.3	0.0000145	0.000236	0.000168	0.000841	0.0511	0.0000106	1.17	1.82	0.0229	0.00031	4	0.00114	0.0496	0.000159	0.000125	0.0000585	0.0758	0.00000212	0.0000639	0.000378	0.00162	
2043 Oct	49.3	0.0681	0.00703	0.00104	11.6	0.0387	4.34	0.00104	0.00104	0.00000518	0.00755	0.00113	0.0115	0.0174	0.00000518	15.5	0.0000147	0.000216	0.000153	0.000896	0.0494	0.0000104	1.15	1.82	0.0178	0.000413	4.11	0.00108	0.0525	0.000106	0.0000852	0.0000514	0.0752	0.00000207	0.0000726	0.000308	0.00142	
2043 Nov	49.9	0.0852	0.00622	0.00102	12.1	0.041	4.64	0.00102	0.00102	0.0000051	0.0079	0.00112	0.0116	0.0173	0.0000051	15.6	0.0000148	0.000209	0.000144	0.000931	0.0484	0.0000102	1.14	1.81	0.0145	0.000478	4.18	0.00105	0.0543	0.0000717	0.0000596	0.0000468	0.0747	0.00000204	0.0000678	0.000264	0.0013	
2043 Dec	49.9	0.0852	0.00622	0.00102	12.1	0.0411	4.64	0.00102	0.00102	0.0000051	0.0079	0.00112	0.0116	0.0173	0.0000051	15.6	0.0000148	0.000209	0.000144	0.000931	0.0484	0.0000102	1.14	1.81	0.0145	0.000478	4.18	0.00105	0.0543	0.0000718	0.0000596	0.0000468	0.0747	0.00000204	0.0000678	0.000264	0.0013	
2044 Jan	50.4	0.0854	0.00712	0.00104	12.2	0.0411	4.71	0.00102	0.00102	0.0000051	0.0079	0.00112	0.0116	0.0173	0.0000051	15.6	0.0000148	0.000209	0.000144	0.000932	0.0484	0.0000102	1.14	1.82	0.0146	0.000479	4.24	0.00105	0.0543	0.0000718	0.0000599	0.0000473	0.0748	0.00000204	0.0000782	0.000265	0.0013	4.72E-08
2044 Feb	50.9	0.0856	0.00786	0.00105	12.3	0.0411	4.77	0.00102	0.00102	0.0000051	0.0079	0.00112	0.0117	0.0173	0.00000511	15.6	0.0000148	0.000209	0.000144	0.000932	0.0484	0.0000102	1.14	1.83	0.0146	0.000479	4.29	0.00106	0.0543	0.0000719	0.0000601	0.0000471	0.0749	0.00000205	0.0000783	0.000265	0.0013	8.57E-08
2044 Mar	50.9	0.0857	0.00787	0.00105	12.3	0.0411	4.78	0.00102	0.00102	0.00000511	0.00791	0.00112	0.0117	0.0173	0.00000511	15.7	0.0000148	0.00021	0.000144	0.000933	0.0484	0.0000102	1.15	1.83	0.0146	0.00048	4.29	0.00106	0.0543	0.000072	0.0000602	0.0000471	0.075	0.00000205	0.0000784	0.000265	0.0013	8.58E-08
2044 Apr	51.1	0.0859	0.00789	0.00105	12.3	0.0413	4.79	0.00102	0.00102	0.00000512	0.00793	0.00113	0.0117	0.0173	0.00000512	15.7	0.0000148	0.00021	0.000144	0.000936	0.0485	0.0000102	1.15	1.83	0.0146	0.000481	4.3	0.00106	0.0545	0.0000722	0.0000604	0.0000472	0.0752	0.00000206	0.0000786	0.000266	0.0013	0.000000086
2044 May	52.6	0.0872	0.00826	0.00107	12.7	0.0417	4.92	0.00104	0.00104	0.00000521	0.00806	0.00116	0.0119	0.018	0.00000522	16.3	0.0000152	0.000218	0.000155	0.000958	0.0504	0.0000104	1.18	1.91	0.0163	0.000486	4.43	0.00109	0.0555	0.0000868	0.000064	0.0000494	0.0781	0.00000209	0.00008	0.000286	0.00133	8.63E-08
2044 Jun	279

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2047 Jun	219	0.0899	0.279	0.00558	41.5	0.0335	30.2	0.000975	0.000975	0.00000495	0.0064	0.0012	0.0276	0.0146	0.00000508	16.6	0.0000209	0.000242	0.000196	0.0000983	0.0438	0.00000901	1.43	3.99	0.0334	0.000444	21.8	0.00301	0.0365	0.000193	0.000258	0.0000964	0.101	0.00000302	0.000116	0.000547	0.0018	0.000014
2047 Jul	164	0.0651	0.194	0.0042	30.8	0.0319	21.6	0.00104	0.00104	0.00000526	0.00697	0.00116	0.0225	0.0143	0.00000535	15	0.0000214	0.000232	0.00017	0.0000917	0.0457	0.00000991	1.3	3.18	0.0279	0.000349	15.9	0.00243	0.0418	0.000168	0.00025	0.0000819	0.0876	0.00000282	0.0000981	0.000528	0.00195	0.0000096
2047 Aug	150	0.0636	0.17	0.00384	28.7	0.0354	19.5	0.00108	0.00108	0.00000546	0.00704	0.0012	0.0217	0.0151	0.00000554	15.5	0.0000195	0.000234	0.000166	0.0000938	0.0465	0.0000104	1.32	3.03	0.026	0.000376	14.6	0.00229	0.044	0.000153	0.000223	0.0000805	0.0878	0.00000281	0.0000959	0.000473	0.0019	0.00000837
2047 Sep	103	0.071	0.0945	0.00253	21	0.0393	12.6	0.00104	0.00104	0.00000522	0.00704	0.00115	0.0174	0.0155	0.00000527	15.3	0.0000151	0.000217	0.000142	0.000907	0.0439	0.0000102	1.22	2.4	0.0184	0.00044	9.75	0.00169	0.0465	0.0000904	0.00013	0.0000648	0.0798	0.00000243	0.0000857	0.000317	0.00153	0.00000453
2047 Oct	81	0.0869	0.0575	0.00189	17.6	0.0412	9.47	0.00101	0.00101	0.00000508	0.00755	0.00112	0.0149	0.016	0.0000051	15.3	0.0000149	0.000208	0.000136	0.00093	0.0447	0.00000998	1.17	2.14	0.0146	0.000493	7.46	0.0014	0.0504	0.0000607	0.0000842	0.0000541	0.0767	0.00000223	0.0000853	0.000265	0.00134	0.00000266
2047 Nov	76.8	0.0903	0.0502	0.00176	16.9	0.0416	8.86	0.00101	0.00101	0.00000506	0.00767	0.00112	0.0144	0.0161	0.00000508	15.4	0.0000149	0.000206	0.000135	0.0000937	0.0449	0.00000997	1.16	2.09	0.0139	0.000504	7.01	0.00134	0.0513	0.0000549	0.0000752	0.0000521	0.0763	0.00000219	0.0000854	0.000255	0.00131	0.00000229
2047 Dec	76.8	0.0903	0.0502	0.00176	16.9	0.0417	8.87	0.00101	0.00101	0.00000506	0.00767	0.00112	0.0144	0.0162	0.00000508	15.4	0.0000149	0.000207	0.000135	0.0000938	0.045	0.00000998	1.16	2.09	0.0139	0.000505	7.02	0.00134	0.0514	0.0000549	0.0000752	0.0000521	0.0763	0.00000222	0.0000854	0.000256	0.00131	0.00000229
2048 Jan	76.8	0.0903	0.0502	0.00176	16.9	0.0417	8.87	0.00101	0.00101	0.00000506	0.00768	0.00112	0.0144	0.0162	0.00000508	15.4	0.0000149	0.000207	0.000135	0.0000938	0.045	0.00000998	1.16	2.09	0.0139	0.000505	7.02	0.00134	0.0514	0.0000549	0.0000753	0.0000521	0.0763	0.00000222	0.0000855	0.000256	0.00131	0.00000229
2048 Feb	76.9	0.0904	0.0502	0.00176	16.9	0.0417	8.87	0.00101	0.00101	0.00000506	0.00768	0.00112	0.0145	0.0162	0.00000509	15.4	0.0000149	0.000207	0.000135	0.0000938	0.045	0.00000998	1.17	2.09	0.0139	0.000505	7.02	0.00134	0.0514	0.0000549	0.0000753	0.0000522	0.0764	0.00000222	0.0000855	0.000256	0.00131	0.00000229
2048 Mar	76.9	0.0904	0.0502	0.00176	16.9	0.0417	8.87	0.00101	0.00101	0.00000506	0.00768	0.00112	0.0145	0.0162	0.00000509	15.4	0.0000149	0.000207	0.000135	0.0000938	0.045	0.00000998	1.17	2.09	0.0139	0.000505	7.02	0.00134	0.0514	0.0000549	0.0000753	0.0000522	0.0764	0.00000222	0.0000855	0.000256	0.00131	0.00000229
2048 Apr	77.4	0.0909	0.0504	0.00177	17	0.0418	8.92	0.00101	0.00101	0.00000509	0.00771	0.00113	0.0145	0.0164	0.00000511	15.6	0.000015	0.000209	0.000138	0.0000945	0.0455	0.00001	1.17	2.12	0.0144	0.000507	7.06	0.00135	0.0517	0.0000571	0.000076	0.0000526	0.0772	0.00000221	0.0000859	0.000261	0.00131	0.0000023
2048 May	78.9	0.0927	0.0514	0.00181	17.4	0.0426	9.1	0.00103	0.00103	0.00000519	0.00786	0.00115	0.0148	0.0167	0.00000521	15.9	0.0000153	0.000213	0.000141	0.0000964	0.0465	0.0000102	1.2	2.16	0.0149	0.000516	7.21	0.00138	0.0527	0.0000591	0.0000776	0.0000537	0.0789	0.00000225	0.0000876	0.000268	0.00134	0.00000234
2048 Jun	191	0.0915	0.23	0.00478	36.3	0.0369	26.9	0.000982	0.000981	0.00000497	0.00672	0.00115	0.0257	0.0138	0.00000508	15.8	0.0000193	0.000224	0.00016	0.0000972	0.0408	0.00000925	1.33	3.59	0.0249	0.000485	18.7	0.00271	0.0394	0.00012	0.000212	0.0000848	0.0918	0.00000283	0.0001112	0.000434	0.00166	0.0000126
2048 Jul	159	0.0604	0.185	0.00406	29.6	0.0344	21.8	0.00102	0.00102	0.00000515	0.00645	0.00113	0.0221	0.0132	0.00000523	14.1	0.0000184	0.000202	0.000145	0.0000917	0.0426	0.00000973	1.23	3.07	0.0228	0.000359	15.4	0.00238	0.0404	0.00013	0.00022	0.0000776	0.0816	0.00000273	0.0000963	0.000422	0.00178	0.0000104
2048 Aug	109	0.0506	0.107	0.00275	21.4	0.0387	14	0.00103	0.00103	0.00000517	0.00612	0.00113	0.0178	0.0141	0.00000522	14	0.0000127	0.000192	0.000127	0.0000879	0.0416	0.00001	1.17	2.4	0.0173	0.000379	10.4	0.00179	0.0424	0.0000916	0.000139	0.0000669	0.0751	0.00000245	0.0000809	0.000273	0.00151	0.00000587
2048 Sep	81.4	0.0619	0.0618	0.00197	17.2	0.0413	9.75	0.00102	0.00102	0.00000509	0.00648	0.00111	0.0154	0.015	0.00000512	14.5	0.0000112	0.000196	0.000121	0.0000873	0.0411	0.00001	1.15	2.06	0.0139	0.000439	7.6	0.00144	0.0454	0.0000581	0.0000856	0.0000584	0.0731	0.00000225	0.0000773	0.000267	0.00133	0.0000324
2048 Oct	95.8	0.0849	0.0796	0.00226	20.2	0.0426	12.2	0.000997	0.000997	0.00000501	0.007	0.00112	0.0166	0.0155	0.00000504	15.3	0.000013	0.0002	0.000131	0.0000937	0.0423	0.00000979	1.18	2.34	0.0144	0.000509	9.01	0.00158	0.0474	0.0000542	0.0000811	0.0000586	0.0779	0.00000228	0.0000882	0.000226	0.00127	0.0000433
2048 Nov	100	0.092	0.0851	0.00235	21.1	0.0432	13	0.000997	0.000996	0.00000501	0.00719	0.00113	0.017	0.0157	0.00000505	15.6	0.0000136	0.000202	0.000134	0.00096	0.0429	0.00000978	1.2	2.43	0.0146	0.000531	9.45	0.00163	0.0483	0.0000533	0.0000801	0.000059	0.0797	0.00000223	0.0000917	0.000233	0.00126	0.0000466
2048 Dec	102	0.0923	0.0869	0.00238	21.3	0.0432	13.2	0.000997	0.000997	0.00000501	0.00718	0.00113	0.0172	0.0157	0.00000505	15.7	0.0000137	0.000203	0.000135	0.000961	0.0429	0.00000978	1.2	2.44	0.0147	0.000533	9.58	0.00164	0.0482	0.0000538	0.0000811	0.0000594	0.0799	0.00000223	0.0000922	0.000234	0.00126	0.00000477
2049 Jan	102	0.0924	0.0879	0.0024	21.4	0.0432	13.3	0.000997	0.000997	0.00000501	0.00718	0.00113	0.0172	0.0157	0.00000505	15.7	0.0000137	0.000203	0.000135	0.0000962	0.0429	0.00000977	1.2	2.45	0.0148	0.000533	9.65	0.00165	0.0481	0.000054	0.0000816	0.0000595	0.08	0.00000231	0.0000924	0.000235	0.00126	0.0000483
2049 Feb	103	0.0925	0.0884	0.0024	21.5	0.0433	13.4	0.000997	0.000997	0.00000501	0.00718	0.00113	0.0173	0.0157	0.00000505	15.7	0.0000137	0.000203	0.000135	0.0000963	0.0429	0.00000977	1.2	2.46	0.0148	0.000534	9.68	0.00165	0.0481	0.0000542	0.0000818	0.0000596	0.0801	0.00000231	0.0000925	0.000235	0.00126	0.0000486
2049 Mar	103	0.0926	0.0887	0.00241	21.5	0.0433	13.4	0.000998	0.000997	0.00000501	0.00718	0.00114	0.0173	0.0157	0.00000505	15.7	0.0000137	0.000203	0.000135	0.0000964	0.0429	0.00000978	1.21	2.46	0.0149	0.000534	9.71	0.00166	0.0482	0.0000543	0.000082	0.0000597	0.0802	0.00000231	0.0000926	0.000235	0.00126	0.0000487
2049 Apr	103	0.093	0.0891	0.00242	21.6	0.0435	13.5	0.001	0.001	0.00000503	0.00722	0.00114	0.0174	0.0158	0.00000508	15.8	0.0000138	0.000204	0.000136	0.0000968	0.0431	0.00000982	1.21	2.47	0.0149	0.000537	9.75	0.00166	0.0484	0.0000545	0.0000824	0.00006	0.0806	0.00000232	0.000093	0.000236	0.00127	0.0000049
2049 May	105	0.0942	0.0892	0.00243	22	0.0437	13.6	0.00102	0.00102	0.00000513	0.00734	0.00118	0.0175	0.0167	0.00000517	16.5	0.0000142	0.000214	0.000151	0.0000993	0.0457	0.00001	1.26	2.57	0.0175	0.000538	9.88	0.0017	0.0495	0.0000777	0.0000876	0.0000629	0.0845	0.00000236	0.0000943	0.000267	0.0013	0.0000487
2049 Jun	219	0.0916	0.264	0.00535	40.7	0.0362	32	0.000962	0.000961	0.00000488	0.00636	0.00116	0.0287	0.0138	0.00000501	16.5	0.0000198	0.00023	0.000177	0.0000995	0.0407	0.000009	1.39	4.09	0.0292	0.000492	21.3	0.00309	0.0363	0.00015	0.00024	0.0000949	0.0978	0.00000289	0.00012	0.00048	0.0017	0.0000171
2049 Jul	173	0.0653	0.2	0.0043	32	0.035	24.7	0.001	0.001	0.00000507	0.00633	0.00113	0.0238	0.0132	0.00000516	14.6	0.0000184	0.000205	0.000152	0.0000938	0.042	0.00000955	1.26	3.35	0.0241	0.000389	16.7	0.00258	0.0391	0.000134	0.000224	0.0000821	0.085	0.00000273	0.000102	0.000428	0.00174	0.0000136
2049 Aug	163	0.0635	0.182	0.00405	30.4	0.0383	22.9	0.00107	0.00106	0.00000538	0.00656	0.0012	0.0232	0.0142	0.00000546	15.2	0.0000174	0.00021	0.000153	0.0000977	0.0445	0.0000102	1.3	3.26	0.0233	0.000405	15.7	0.00249	0.0423	0.00013	0.000209	0.0000819	0.0866	0.00000279	0.000101	0.000399	0.00176	0.0000122
2049 Sep	112	0.0754	0.103	0.00269	22.4	0.041	14.8	0.00103	0.00103	0.00000519	0.00699	0.00115	0.0183	0.0152	0.00000524	15.2	0.0000148	0.000205	0.000138	0.0000948	0.0438	0.0000101	1.22	2.57	0.0172	0.000464	10.6	0.00182	0.0467	0.0000803	0.000125	0.0000652	0.0799	0.00000243	0.0000909	0.00029	0.0146	0.00000681
2049 Oct	85.6	0.0902	0.0613	0.00196	18.3	0.0423	10.6	0.00101	0.00101	0.00000506	0.00755	0.00112	0.0153	0.0159	0.00000509	15.4	0.0000148	0.000201	0.000133	0.0000957	0.0447	0.00000996	1.17	2.23	0.0138	0.000509	7.85	0.00146	0.0508	0.0000539	0.00008	0.0000541	0.0769	0.00000223	0.0000885	0.000249	0.0013	0.0000039
2049 Nov	84	0.0927	0.0583	0.00191	18	0.0426	10.4	0.00101	0.00101	0.00000506	0.00764	0.00112	0.0152	0.016	0.00000509	15.5	0.0000148	0.000201	0.000134	0.0000962	0.0449	0.00000997	1.17	2.22	0.0136	0.000518	7.68	0.00144	0.0513	0.0000514	0.0000756	0.0000533	0.077	0.00000222	0.0000889	0.000246	0.00128	0.0000037
2049 Dec	86.6	0.0931	0.062	0.00197	18.5	0.0426	10.8	0.00101	0.00101	0.00000506	0.00763	0.00113	0.0154	0.016	0.00000509	15.5	0.0000149	0.000202	0.000134	0.0000966	0.0449	0.00000996	1.18	2.26	0.0138	0.00052	7.94	0.00147	0.0511	0.0000525	0.0000777	0.0000541	0.0776	0.00000223	0.0000897	0.000248	0.00129	0.00000396
2050 Jan	87.5	0.0933	0.0633	0.00199	18.7	0.0427	11	0.00101	0.00101	0.00000506	0.00762	0.00113	0.0155	0.016	0.00000509	15.5	0.0000149	0.000202	0.000135	0.0000967	0.0449	0.00000996	1.18	2.27	0.0139	0.000521	8.03	0.00148	0.0511	0.0000529	0.0000784	0.0000543	0.0777	0.00000224	0.00009	0.000249	0.00129	0.0000405
2050 Feb	88	0.0934	0.064	0.00201	18.7	0.0427	11.1	0.00101	0.00101	0.00000506	0.00762	0.00113	0.0156	0.016	0.00000509	15.5	0.0000149	0.000202	0.000135	0.0000967	0.0449	0.00000995	1.18	2.28	0.0139	0.000522	8.08	0.00149	0.051	0.0000531	0.0000788	0.0000545	0.0778	0.00000224	0.0000902	0.000249	0.00129	0.0000041
2050 Mar	88.3	0.0934	0.0644	0.00201	18.8	0.0427	11.1	0.00101	0.00101	0.00000506	0.00762	0.00113	0.0156	0.016	0.00000509	15.6	0.0000149	0.000202	0.000135	0.0000968	0.0449	0.00000995	1.18	2.28	0.014	0.000522	8.11	0.00149	0.051	0.0000532	0.000079	0.0000546	0.0779	0.00000224	0.0000903	0.00025	0.00129	0.0000413
2050 Apr	88.6	0.0938	0.0648	0.00202	18.9	0.0428	11.2	0.00101	0.00101	0.00000508	0.00764	0.00113	0.0157	0.0161	0.00000511	15.6	0.000015	0.000203	0.000136	0.0000971	0.045	0.00000999	1.18	2.29	0.014	0.000524	8.15	0.0015	0.0512	0.0000534	0.0000794	0.0000548	0.0782	0.00000225	0.0000906	0.000251	0.0013	0.0000416
2050 May	90	0.0949	0.0652	0.00204	19.2	0.0432	11.3	0.00103	0.00103	0.00000516	0.00775	0.00116	0.0158	0.0167	0.00000519	16.1	0.0000153	0.00021	0.000145	0.00099	0.0467	0.0000101	1.22	2.36	0.0156	0.000527	8.27	0.00153	0.0521	0.0000675	0.0000828	0.0000567	0.0809	0.00000228	0.0000918	0.00027	0.00132	0.0000416
2050 Jun	186	0.0896	0.207	0.00436	34.5	0.0338	27	0.00097	0.00096	0.00000491	0.00659	0.00118	0.0252	0.0156	0.00000502	17.1	0.0000202	0.000243	0.000203	0.000979	0.0466	0.00000927	1.38	3.84	0.0331	0.000436	17.7	0.00277	0.0395	0.0002	0.000235	0.0000914	0.0931	0.00000267	0.0000911	0.000537	0.00174	0.0000154
2050 Jul	156	0.0577	0.173	0.00383	28.8	0.0356	22.7	0.000988	0.000987	0.00000499	0.00605	0.00112	0.0222	0.0132	0.00000508	14.2	0.0000165	0.000191	0.000146	0.0000928	0.0422	0.00000951	1.22	3.18	0.0225	0.000372	15	0.00242	0.0392	0.00013	0.000203	0.0000779	0.0813	0.00000259	0.0000968	0.000383	0.00164	0.0000134
2052 Jan	130	0.0486	0.134	0.00321	24.3	0.0382	18.3	0.00103	0.00103	0.00000519	0.006	0.00116	0.0194	0.014	0.00000526	14	0.000014	0.000179	0.000139	0.0000941	0.0445	0.00001	1.19	2.81	0.0199	0.000355	12.4	0.00211	0.0422	0.000123	0.000169	0.0000721	0.078	0.00000253	0.0000885	0.000316	0.00158	0.0000102
2052 Sep	103	0.0599	0.092	0.00249	20.4	0.0404	13.9	0.00102	0.00102	0.00000515	0.00642	0.00114	0.0172	0.0148	0.00000519	14.5	0.0000129	0.000187	0.000132	0.0000927	0.0438	0.0000101	1.17	2.45	0.0166	0.000413	9.74	0.00176	0.0451	0.0000885	0.000121	0.0000639	0.0761	0.00000237	0.0000845	0.000259	0.00143	0.00000691
2052 Oct	99.2	0.0656	0.0844	0.00237	19.9	0.0413	13.1	0.00103	0.00103	0.00000518	0.00669	0.00115	0.0168	0.0151	0.00000523	14.8	0.0000132	0.00019	0.000133	0.0000943	0.0445	0.0000101	1.18	2.41	0.0161	0.000433	9.31	0.0017	0.0468	0.0000826	0.000112	0.0000622	0.0767	0.00000235	0.0000855	0.000255	0.00141	0.0000063
2050 Nov	99.6	0.0659	0.0847	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000132	0.000191	0.000134	0.0000947	0.0447	0.0000102	1.18	2.42	0.0161	0.000435	9.34	0.00171	0.047	0.0000829	0.000113	0.0000625	0.077	0.00000236	0.0000859	0.000256	0.00142	0.00000633
2050 Dec	99.7	0.066	0.0848	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000947	0.0447	0.0000102	1.18	2.42	0.0162	0.000435	9.35	0.00171	0.047	0.000083	0.000113	0.0000625	0.077	0.00000236	0.0000886	0.000256	0.00142	0.00000633
2051 Jan	99.7	0.066	0.0848	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000947	0.0447	0.0000102	1.18	2.42	0.0162	0.000435	9.35	0.00171	0.047	0.000083	0.000113	0.0000625	0.077	0.00000236	0.0000886	0.000257	0.00142	0.00000633
2051 Feb	99.7	0.066	0.0848	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00672	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000947	0.0447	0.0000102	1.19	2.42	0.0162	0.000435	9.35	0.00171	0.047	0.000083	0.000113	0.0000625	0.077	0.00000236	0.0000886	0.000257	0.00142	0.00000633
2051 Mar	99.8	0.066	0.0848	0.00238	20	0.0415	13.2	0.00104	0.00104	0.00000521	0.00673	0.00115	0.0169	0.0152	0.00000525	14.8	0.0000133	0.000191	0.000134	0.000948	0.0448	0.0000102	1.19	2.43	0.0162	0.000436	9.36	0.00171	0.047	0.000083	0.000113	0.0000626	0.0771	0.00000237	0.0000886	0.000257	0.00142	0.00000634
2051 Apr	100	0.0663	0.0853	0.0024	20.1	0.0417	13.3	0.00104	0.00104	0.00000524	0.00676	0.00116	0.017	0.0153	0.00000528	14.9	0.0000133	0.000192	0.000134	0.000953	0.045	0.0000103	1.19	2.44	0.0162	0.000438	9.4	0.00172	0.0473	0.0000834	0.0000113	0.0000629	0.0775	0.00000238	0.0000864	0.000258	0.00142	0.00000637
2051 May	106	0.0689	0.0896	0.00246	21.4	0.041	14	0.00106	0.00105	0.00000533	0.00684	0.00123	0.0173	0.0173	0.00000534	16.5	0.0000142	0.000214	0.000173	0.000994	0.0503	0.0000104	1.28	2.71	0.0232	0.000435	9.94	0.00182	0.0484	0.000145	0.000127	0.0000699	0.0866	0.00000241	0.0000889	0.000337	0.00148	0.00000663
2051 Jun	224	0.0851	0.255	0.00518	40.6	0.0355	35.3	0.000954	0.000951	0.00000485	0.00631	0.00116	0.0308	0.0142	0.00000498	17.4	0.0000208	0.000241	0.000196	0.00102	0.0425	0.00000909	1.42	4.53	0.0332	0.000492	21.3	0.00337	0.0356	0.000181	0.000265	0.000102	0.102	0.00000279	0.000126	0.000536	0.00176	0.0000237
2051 Jul	188	0.069	0.206	0.00442	34	0.0357	29	0.00102	0.00101	0.00000515	0.00665	0.00115	0.0271	0.0136	0.00000526	15.9	0.0000204	0.000225	0.000166	0.000978	0.0428	0.00000979	1.33	3.86	0.027	0.00043	17.7	0.00294	0.0393	0.000146	0.000252	0.0000907	0.0911	0.00000274	0.000113	0.000486	0.00184	0.0000203
2051 Aug	116	0.0535	0.107	0.00274	22.3	0.0396	16.5	0.00102	0.00102	0.00000514	0.00613	0.00113	0.0196	0.0144	0.00000519	14.8	0.0000128	0.000201	0.000135	0.0000937	0.0412	0.00001	1.21	2.69	0.0186	0.000415	10.9	0.00198	0.0418	0.0000935	0.000143	0.0000716	0.0785	0.00000224	0.0000868	0.000283	0.0015	0.0000103
2051 Sep	127	0.0769	0.117	0.0029	24.8	0.042	18.6	0.000998	0.000996	0.00000503	0.00654	0.00114	0.0209	0.015	0.00000509	15.9	0.0000136	0.000209	0.000143	0.000952	0.0413	0.00000977	1.25	2.94	0.0187	0.000505	11.9	0.00209	0.0433	0.0000807	0.000125	0.0000722	0.0837	0.00000239	0.000097	0.000277	0.00138	0.0000117
2051 Oct	188	0.112	0.195	0.00419	35.5	0.0437	29.7	0.000963	0.00096	0.00000488	0.00701	0.00118	0.0273	0.0154	0.00000498	17.9	0.0000176	0.000225	0.000173	0.00109	0.0424	0.00000929	1.39	4.04	0.0239	0.000626	17.7	0.00286	0.0427	0.000101	0.000162	0.0000863	0.0985	0.00000259	0.0001126	0.000364	0.00138	0.0000209
2051 Nov	184	0.113	0.

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2054 Dec	125	0.0862	0.102	0.00263	24.1	0.0433	20.2	0.000986	0.000983	0.00000496	0.00692	0.00114	0.0219	0.0156	0.00000503	16.8	0.0000147	0.000215	0.000153	0.000998	0.043	0.00000981	1.27	3.21	0.0194	0.000554	11.2	0.0022	0.0454	0.0000823	0.000121	0.0000731	0.0868	0.00000229	0.000105	0.000293	0.00134	0.0000146
2055 Jan	127	0.0864	0.104	0.00267	24.3	0.0433	20.6	0.000985	0.000983	0.00000496	0.00692	0.00114	0.0221	0.0156	0.00000503	16.9	0.0000148	0.000215	0.000154	0.001	0.043	0.0000098	1.27	3.24	0.0196	0.000555	11.4	0.00223	0.0452	0.0000834	0.000123	0.0000737	0.0872	0.00000229	0.000105	0.000296	0.00134	0.0000149
2055 Feb	128	0.0865	0.105	0.00269	24.5	0.0433	20.7	0.000985	0.000983	0.00000496	0.00691	0.00114	0.0222	0.0156	0.00000503	16.9	0.0000148	0.000216	0.000154	0.001	0.043	0.0000098	1.28	3.26	0.0197	0.000556	11.5	0.00224	0.0452	0.0000839	0.000124	0.0000074	0.0874	0.00000223	0.000106	0.000297	0.00134	0.0000151
2055 Mar	128	0.0866	0.106	0.00269	24.5	0.0433	20.8	0.000986	0.000983	0.00000497	0.00691	0.00114	0.0222	0.0156	0.00000503	16.9	0.0000149	0.000216	0.000154	0.001	0.043	0.0000098	1.28	3.26	0.0198	0.000557	11.5	0.00225	0.0452	0.0000841	0.000124	0.0000741	0.0875	0.00000223	0.000106	0.000297	0.00135	0.0000151
2055 Apr	129	0.0869	0.106	0.0027	24.6	0.0435	20.9	0.000989	0.000987	0.00000498	0.00694	0.00115	0.0223	0.0157	0.00000505	17	0.0000149	0.000217	0.000155	0.00101	0.0431	0.0000984	1.28	3.28	0.0198	0.000559	11.6	0.00226	0.0453	0.0000844	0.000125	0.0000744	0.0878	0.00000231	0.000106	0.000298	0.00135	0.0000152
2055 May	131	0.0883	0.108	0.00275	25	0.0442	21.2	0.00101	0.001	0.00000506	0.00705	0.00116	0.0227	0.016	0.00000513	17.3	0.0000152	0.00022	0.000157	0.00102	0.0438	0.00001	1.3	3.33	0.0202	0.000568	11.7	0.00229	0.0461	0.0000858	0.000127	0.0000756	0.0892	0.00000234	0.000108	0.000303	0.00137	0.0000154
2055 Jun	185	0.0691	0.178	0.0039	32.1	0.0357	32.4	0.000963	0.000957	0.00000488	0.00657	0.0011	0.0295	0.0138	0.00000499	17	0.0000207	0.000235	0.000178	0.000985	0.0419	0.00000949	1.34	4.33	0.0292	0.000478	16.5	0.00319	0.0378	0.000153	0.000255	0.0000959	0.0943	0.00000248	0.000121	0.000506	0.00177	0.0000297
2055 Jul	156	0.0536	0.143	0.00335	27	0.035	26.3	0.00101	0.00101	0.00000512	0.00667	0.00111	0.0255	0.0139	0.0000052	15.8	0.00002	0.000223	0.000167	0.000957	0.0444	0.00001	1.28	3.74	0.0266	0.000399	13.8	0.00278	0.0408	0.000153	0.000244	0.0000887	0.0872	0.00000246	0.000107	0.000484	0.00183	0.0000249
2055 Aug	135	0.0488	0.116	0.00293	23.9	0.0378	22	0.00105	0.00105	0.00000553	0.00659	0.00115	0.0228	0.0146	0.00000536	15.6	0.0000173	0.000212	0.000158	0.000964	0.0457	0.0000104	1.27	3.34	0.0238	0.000393	12	0.00246	0.0432	0.000139	0.000207	0.0000812	0.0843	0.00000245	0.0000993	0.000409	0.00174	0.00002
2055 Sep	101	0.058	0.0736	0.00219	19.3	0.0404	15.3	0.00103	0.00103	0.00000552	0.00667	0.00113	0.019	0.0151	0.00000524	15.4	0.000014	0.000208	0.00014	0.000924	0.0436	0.0000103	1.21	2.69	0.0184	0.000438	8.94	0.0019	0.0452	0.0000918	0.000135	0.0000688	0.0791	0.00000228	0.0000888	0.000297	0.0015	0.0000123
2055 Oct	95.3	0.0654	0.0652	0.00205	18.6	0.0412	14	0.00104	0.00103	0.00000552	0.00695	0.00113	0.0181	0.0155	0.00000524	15.6	0.0000143	0.000208	0.00014	0.000938	0.0442	0.0000103	1.21	2.59	0.0173	0.000459	8.39	0.0018	0.0471	0.0000829	0.000121	0.0000655	0.0789	0.00000226	0.000089	0.000286	0.00146	0.0000108
2055 Nov	94	0.0671	0.0633	0.00202	18.5	0.0415	13.8	0.00104	0.00103	0.00000521	0.00702	0.00113	0.018	0.0156	0.00000524	15.6	0.0000143	0.000208	0.00014	0.000942	0.0444	0.0000103	1.21	2.57	0.0171	0.000465	8.27	0.00178	0.0475	0.000081	0.000118	0.0000648	079	0.00000226	0.0000892	0.000284	0.00145	0.0000105
2055 Dec	94	0.0672	0.0632	0.00202	18.5	0.0415	13.8	0.00104	0.00103	0.00000521	0.00702	0.00113	0.0179	0.0156	0.00000524	15.6	0.0000143	0.000208	0.00014	0.000942	0.0445	0.0000103	1.21	2.57	0.0171	0.000465	8.27	0.00177	0.0476	0.0000809	0.000118	0.0000648	079	0.00000226	0.0000892	0.000284	0.00145	0.0000105
2056 Jan	94	0.0672	0.0633	0.00202	18.5	0.0415	13.8	0.00104	0.00104	0.00000521	0.00702	0.00113	0.018	0.0156	0.00000524	15.6	0.0000143	0.000209	0.00014	0.000942	0.0445	0.0000103	1.21	2.57	0.0171	0.000465	8.27	0.00178	0.0476	0.0000809	0.000118	0.0000648	079	0.00000226	0.0000892	0.000284	0.00145	0.0000105
2056 Feb	94	0.0673	0.0633	0.00202	18.5	0.0415	13.8	0.00104	0.00104	0.00000521	0.00702	0.00113	0.018	0.0156	0.00000524	15.6	0.0000143	0.000209	0.00014	0.000942	0.0445	0.0000103	1.21	2.57	0.0171	0.000465	8.28	0.00178	0.0476	0.0000809	0.000118	0.0000648	079	0.00000226	0.0000892	0.000284	0.00145	0.0000105
2056 Mar	94.1	0.0673	0.0633	0.00202	18.5	0.0415	13.8	0.00104	0.00104	0.00000521	0.00703	0.00114	0.018	0.0156	0.00000525	15.6	0.0000143	0.000209	0.00014	0.000943	0.0445	0.0000103	1.21	2.57	0.0171	0.000465	8.28	0.00178	0.0476	0.000081	0.000118	0.0000648	0.0791	0.00000226	0.0000893	0.000284	0.00145	0.0000105
2056 Apr	94.5	0.0676	0.0636	0.00203	18.6	0.0417	13.8	0.00104	0.00104	0.00000523	0.00706	0.00114	0.018	0.0157	0.00000527	15.7	0.0000144	0.00021	0.000141	0.000947	0.0447	0.0000104	1.21	2.58	0.0172	0.000467	8.31	0.00178	0.0478	0.0000813	0.000119	0.0000651	0.0794	0.00000227	0.0000897	0.000285	0.00146	0.0000105
2056 May	112	0.0714	0.0766	0.00218	22.1	0.0378	16.3	0.00103	0.00103	0.0000052	0.00695	0.0013	0.0185	0.0212	0.00000524	20.1	0.0000166	0.000266	0.000256	0.00104	0.0596	0.0000103	1.45	3.39	0.0386	0.000436	9.83	0.00208	0.0488	0.000274	0.00016	0.0000854	0.105	0.00000228	0.0000947	0.000523	0.00157	0.0000125
2056 Jun	176	0.0648	0.158	0.00356	30.6	0.0329	30	0.000968	0.000962	0.0000049	0.00657	0.00116	0.0274	0.0165	0.00000499	18.6	0.0000214	0.000259	0.000229	0.001	0.0496	0.00000951	1.42	4.37	0.0382	0.000428	15.4	0.00308	0.0393	0.000243	0.000264	0.0001	0.103	0.00000241	0.000116	0.00061	0.00182	0.0000301
2056 Jul	143	0.05	0.123	0.00302	24.9	0.0341	23.6	0.00103	0.00102	0.00000518	0.00674	0.00114	0.0235	0.0152	0.00000525	16.3	0.0000199	0.000229	0.000183	0.00096	0.048	0.0000101	1.3	3.59	0.0292	0.000371	12.5	0.00261	0.0425	0.000184	0.000239	0.0000859	0.0889	0.00000242	0.000102	0.00051	0.00185	0.0000233
2056 Aug	104	0.043	0.0772	0.00225	19.2	0.0381	15.9	0.00104	0.00104	0.00000523	0.00631	0.00114	0.0188	0.0153	0.00000527	15.2	0.0000142	0.000204	0.000153	0.00092	0.046	0.0000103	1.22	2.78	0.0219	0.00037	9.13	0.00199	0.0439	0.000134	0.000161	0.0000728	0.0799	0.0000023	0.0000857	0.000344	0.0016	0.0000142
2056 Sep	96.6	0.0514	0.0663	0.00209	18.4	0.0403	14.3	0.00106	0.00106	0.00000532	0.00664	0.00116	0.0181	0.0158	0.00000536	15.6	0.0000139	0.000209	0.000151	0.000939	0.0465	0.0000105	1.23	2.66	0.0203	0.000408	8.47	0.00186	0.0463	0.000117	0.00014	0.0000698	0.0804	0.00000231	0.0000861	0.000316	0.00155	0.000012
2056 Oct	80.7	0.0709	0.0456	0.00171	16.4	0.0414	11.1	0.00103	0.00103	0.00000516	0.00718	0.00113	0.0158	0.0161	0.00000519	15.5	0.0000141	0.000204	0.000142	0.000946	0.0462	0.0000102	1.18	2.36	0.0165	0.000461	7.02	0.00156	0.0495	0.0000837	0.0000994	0.0000594	0.0776	0.00000218	0.0000855	0.000274	0.00139	0.00000798
2056 Nov	77.5	0.0753	0.0412	0.00163	16.1	0.0417	10.5	0.00103	0.00102	0.00000514	0.00732	0.00113	0.0154	0.0162	0.00000516	15.6	0.0000142	0.000203	0.000141	0.00095	0.0462	0.0000102	1.18	2.3	0.0158	0.000473	6.73	0.0015	0.0503	0.0000766	0.0000908	0.0000572	0.0772	0.00000216	0.0000856	0.000265	0.00136	0.00000711
2056 Dec	77.5	0.0753	0.0412	0.00163	16.1	0.0418	10.5	0.00103	0.00102	0.00000514	0.00732	0.00113	0.0154	0.0162	0.00000516	15.6	0.0000142	0.000203	0.000141	0.00095	0.0463	0.0000102	1.18	2.3	0.0158	0.000474	6.73	0.0015	0.0503	0.0000767	0.0000909	0.0000573	0.0773	0.00000216	0.0000857	0.000266	0.00136	0.00000712
2057 Jan	77.5	0.0753	0.0412	0.00163	16.1	0.0418	10.5	0.00103	0.00102	0.00000514	0.00732	0.00113	0.0154	0.0162	0.00000516	15.6	0.0000142	0.000203	0.000141	0.000951	0.0463	0.0000102	1.18	2.3	0.0158	0.000474	6.73	0.0015	0.0504	0.0000767	0.0000909	0.0000573	0.0773	0.00000216	0.0000857	0.000266	0.00136	0.00000712
2057 Feb	77.5	0.0754	0.0412	0.00163	16.1	0.0418	10.5	0.00103	0.00102	0.00000515	0.00732	0.00113	0.0154	0.0162	0.00000517	15.6	0.0000142	0.000203	0.000141	0.000951	0.0463	0.0000102	1.18	2.3	0.0158	0.000474	6.73	0.0015	0.0504	0.0000767	0.0000909	0.0000573	0.0773	0.00000216	0.0000857	0.000266	0.00136	0.00000712
2057 Mar	77.6	0.0754	0.0412	0.00164	16.1	0.0418	10.5	0.00103	0.00103	0.00000515	0.00733	0.00113	0.0154	0.0163	0.00000517	15.6	0.0000142	0.000204	0.000141	0.000952	0.0463	0.0000102	1.18	2.3	0.0158	0.000474	6.74	0.0015	0.0504	0.0000768	0.000091	0.0000573	0.0774	0.00000217	0.0000858	0.000266	0.00136	0.00000713
2057 Apr	78	0.0758	0.0414	0.00164	16.2	0.042	10.5	0.00103	0.00103	0.00000517	0.00736	0.00114	0.0155	0.0163	0.0000052	15.7	0.0000143	0.000205	0.000142	0.000956	0.0465	0.0000103	1.18	2.31	0.0159	0.000477	6.77	0.00151	0.0506	0.0000771	0.0000914	0.0000576	0.0777	0.00000218	0.0000862	0.000267	0.00136	0.00000716
2057 May	80.7	0.0762	0.0399	0.00159	17	0.0401	10.3	0.00105	0.00104	0.00000524	0.0074	0.00124	0.0149	0.0197	0.00000526	18.1	0.0000154	0.000238	0.000206	0.00101	0.0557	0.0000104	1.32	2.63	0.0275	0.000451	6.97	0.00157	0.0523	0.000185	0.00011	0.0000673	0.0913	0.00000219	0.0000862	0.000396	0.00144	0.00000642
2057 Jun	170	0.0596	0.15	0.00343	28.8	0.0329	29.7	0.000967	0.00096	0.00000489	0.00662	0.0011	0.0275	0.0147	0.00000498	17.1	0.0000214	0.000244	0.000195	0.000962	0.0451	0.00000954	1.34	4.18	0.0324	0.000423	14.6	0.00303	0.0386	0.000191	0.000264	0.0000949	0.0946	0.00000238	0.000114	0.000561	0.00184	0.000031
2057 Jul	132	0.044	0.108	0.00277	22.3	0.0325	21.8	0.00102	0.00101	0.00000514	0.00683	0.00108	0.0225	0.0139	0.0000052	15.1	0.0000204	0.000221	0.000161	0.000905	0.0452	0.0000101	1.23	3.31	0.0255	0.000344	11.2	0.00246	0.0421	0.000154	0.000241	0.00008	0.0816	0.00000235	0.0000972	0.000494	0.00188	0.0000223
2057 Aug	129	0.0449	0.103	0.00274	22.3	0.0362	21	0.00109	0.00109	0.00000551	0.00714	0.00116	0.0226	0.015	0.00000557	15.9	0.0000199	0.000228	0.000165	0.000962	0.0481	0.0000108	1.29	3.3	0.0254	0.000367	11	0.00245	0.0456	0.000153	0.000233	0.0000818	0.085	0.00000248	0.000099	0.000476	0.00193	0.000021
2057 Sep	118	0.0512	0.0885	0.00251	21	0.0383	18.7	0.0011	0.0011	0.00000554	0.00725	0.00117	0.0214	0.0155	0.00000559	16	0.0000186	0.000228	0.00016	0.000966	0.0479	0.0000109	1.29	3.1	0.0233	0.000399	10.1	0.00226	0.0471	0.000134	0.000202	0.0000777	0.0843	0.00000245	0.0000967	0.000428	0.00183	0.0000179
2057 Oct	105	0.0626	0.0727	0.00222	19.5	0.0395	16.1	0.00108	0.00108	0.00000543	0.00747	0.00116	0.0195	0.0158	0.00000547	16	0.0000179	0.000222	0.000154	0.000969	0.0476	0.0000107	1.25	2.85	0.0207	0.000433	9.01	0.00202	049	0.000112	0.000168	0.0000706	0.0823	0.00000236	0.0000947	0.000384	0.00169	0.0000145
2057 Nov	104	0.0642	0.0709	0.00219	19.4	0.0397	15.8	0.00108	0.00108	0.00000543	0.00752	0.00116	0.0193	0.0159	0.00000547	16	0.0000178	0.000222	0.000154	0.000972	0.0477	0.0000107	1.25	2.83	0.0204	0.000438	8.9	0.00199	0.0494	0.00011	0.000164	0.0000699	0.0823	0.00000236	0.0000948	0.000379	0.00168	0.0000142
2057 Dec	104	0.0642	0.071	0.00219	19.4	0.0398	15.8	0.00108	0.00108	0.00000543	0.00753	0.00116	0.0194	0.0159	0.00000547	16	0.0000178	0.000222	0.000154	0.000973	0.0478	0.0000107	1.26	2.83	0.0204	0.000438	8.9	0.00199	0.0494	0.00011	0.000164	0.0000699	0.0824	0.00000236	0.0000948	0.00038	0.00168	0.0000142
2058 Jan	104	0.0642	0.071	0.00219	19.4	0.0398	15.8	0.00108	0.00108	0.00000543	0.00753	0.00116	0.0194	0.0159	0.00000547	16	0.0000178	0.000222	0.000154	0.000973	0.0478	0.0000107	1.26	2.83	0.0204	0.000438	8.9	0.00199	0.0494	0.00011	0.000164	0.0000699	0.0824	0.00000236	0.0000948	0.00038	0.00168	0.0000142
2058 Feb	104	0.0642	0.071	0.00219	19.4	0.0398	15.8	0.00108	0.00108	0.00000543	0.00753	0.00116	0.0194	0.0159	0.00000547	16	0.0000178	0.000222	0.000154	0.000973	0.0478	0.0000107	1.26	2.83	0.0204	0.000439	8.91	0.00199	0.0494	0.00011	0.000164	0.0000699	0.0824	0.00000236	0.0000948	0.00038	0.00168	0.0000142
2058 Mar	104	0.0643	0.071	0.00219	19.4	0.0398	15.8	0.00108	0.00108	0.00000543	0.00753	0.00116	0.0194	0.0159	0.00000547	16.1	0.0000178	0.000222	0.000154	0.000973	0.0478	0.0000108	1.26	2.83	0.0204	0.000439	8.91	0.00199	0.0494	0.00011	0.000164	0.0000699	0.0824	0.00000236	0.0000949	0.00038	0.00168	0.0000142
2058 Apr	105	0.0645	0.0712	0.0022	19.4	0.0399	15.9	0.00108	0.00108	0.00000545	0.00755	0.00117	0.0194	0.0159	0.00000549	16.1	0.0000179	0.000223	0.000155	0.000976	0.0479	0.0000108	1.26	2.84	0.0205	0.00044	8.93	0.002	0.0495	0.00011	0.000164	0.0000701	0.0826	0.00000237	0.0000951	0.000381	0.00168	0.0000142
2058 May	124	0.0692	0.0857	0.00239	23	0.0377	19.5	0.00107	0.00106	0.00000537	0.00733	0.0013	0.0209	0.0204	0.00000542	20	0.0000191	0.00027	0.000249	0.00107	0.0593	0.0000106	1.46	3.66	0.0381	0.000438	10.5	0.00235	0.0495	0.000264	0.000195	0.0000891	0.105	0.00000237	0.0001003	0.000563	0.00173	0.000017
2058 Jun	189	0.066	0.159	0.00358	31.6	0.0353	35.8	0.000958	0.000949	0.00000485	0.00649	0.00117	0.0315	0.0166	0.00000496	19.7	0.0000216	0.000266	0.000237	0.00106	0.0491	0.00000959	1.48	5.01	0.0399	0.000489	15.9	0.00352	0.0382	0.000244	0.000277	0.000109	0.108	0.00000237	0.000129	0.000616	0.0018	0.0000371
2058 Jul	169	0.0565	0.139	0.0033	28	0.036	31.3	0.00102	0.00101	0.00000515	0.00685	0.00115	0.0291	0.0153	0.00000525	18	0.0000216	0.000249	0.0002	0.00102	0.0475	0.0000102	1.4	4.43	0.0328	0.000448	14.1	0.00321	0.041	0.000193	0.00027	0.0000993	0.0979	0.00000244	0.000121	0.00056	0.00189	0.0000329
2058 Aug	150	0.0523	0.118	0.00297	25.4	0.0385	27	0.00106	0.00105	0.00000535	0.0068	0.00119	0.0264	0.0158	0.00000543	17.6	0.0000191	0.000238	0.000188	0.00103	0.0485	0.0000106	1.37	4.01	0.0296	0.000438	12.6	0.00289	0.0434	0.000176	0.000235	0.0000893	0.0944	0.00000245	0.000112	0.000486	0.00182	0.0000276
2058 Sep	116	0.068	0.0795	0.0023	21	0.0407	19.5	0.00104	0.00104	0.00000524	0.00718	0.00116	0.0216	0.0161	0.00000529	16.9	0.000017	0.000225	0.000166	0.000999	0.0472	0.0000104	1.29	3.24	0.0228	0.000479	9.74	0.00225	0.0471	0.000122	0.000162	0.0000762	0.0872	0.0000023	0.000102	0.000378	0.00158	0.0000182
2058 Oct	96.7	0.0808	0.0577	0.00192	18.7	0.0419	15.3	0.00103	0.00102	0.00000516	0.00755	0.00114	0.0186	0.0164	0.0000052	16.6	0.0000164	0.000218	0.000155	0.000995	0.0471	0.0000103	1.24	2.82	0.0189	0.000508	8.15	0.00188	0.0501	0.000092	0.000121	0.0000655	0.0833	0.00000221	0.0000975	0.000325	0.00144	0.0000129
2058 Nov	95.4	0.0822	0.056	0.00189	18.5	0.0421	15	0.00103	0.00103	0.00000517	0.00761	0.00115	0.0184	0.0165	0.00000521	16.6	0.0000164	0.000218	0.000155	0.000997	0.0472	0.0000103	1.24	2.8	0.0186	0.000512	8.03	0.00186	0.0505	0.0000897	0.000117	0.0000648	0.0833	0.00000221	0.0000974	0.000321	0.00143	0.0000125
2058 Dec	95.4	0.0822	0.056	0.00189	18.5	0.0422	15	0.00103	0.00103	0.00000517	0.00761	0.00115	0.0185	0.0165	0.00000521	16.6	0.0000164	0.000218	0.000155	0.000998	0.0472	0.0000103	1.24	2.8	0.0186	0.000513	8.04	0.00186	0.0505	0.0000897	0.000117	0.0000648	0.0833	0.00000221	0.0000974	0.000322	0.00143	0.0000125
2058 Jan	95.4	0.0822	0.056	0.00189	18.5	0.0422	15	0.00103	0.00103	0.00000517	0.00761	0.00115	0.0185	0.0165	0.00000521	16.6	0.0000164	0.000218	0.000155	0.000998	0.0472	0.0000103	1.24	2.8	0.0186	0.000513	8.04	0.00186	0.0505	0.0000897	0.000117	0.0000648	0.0833	0.00000221	0.0000974	0.000322	0.00143	0.0000125
2059 Feb	95.4	0.0822	0.056	0.0019	18.5	0.0422	15	0.00103	0.00103	0.00000517	0.00761	0.00115	0.0185	0.0165	0.00000521	16.6	0.0000164	0.000218	0.000155	0.000998	0.0472	0.0000103	1.24	2.8	0.0186	0.000513	8.04	0.00186	0.0505	0.0000897	0.000117	0.0000648	0.0833	0.00000221	0.0000974	0.000322	0.00143	0.0000125
2059 Mar	95.5	0.0822	0.056	0.0019	18.5	0.0422	15	0.00103	0.00103	0.00000517	0.00761	0.00115	0.0185	0.0165	0.00000521	16.6	0.0000164	0.000218	0.000155	0.000998	0.0472	0.0000103	1.24	2.8	0.0186	0.000513	8.04	0.00186	0.0505	0.0000897	0.000117	0.0000648	0.0833	0.00000221	0.0000974	0.000322	0.00143	0.0000125
2059 Apr	95.8	0.0825	0.0562	0.0019	18.6	0.0423	15	0.00103	0.00103	0.00000519	0.00764	0.00115	0.0185	0.0166	0.00000523	16.7	0.0000164	0.000218	0.000156	0.001	0.0474	0.0000103	1.25	2.81	0.0187	0.000514	8.07	0.00186	0.0507	0.00009	0.000118	0.0000651	0.0836	0.00000222	0.0000977	0.000323	0.00144	0.0000125
2059 May	104	0.0812	0.059	0.0019	20.5	0.0387	15.6	0.00104	0.00103	0.0000052	0.00748	0.0013	0.0181	0.0214	0.00000523

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2062 Jun	146	0.0606	0.0985	0.00259	23.6	0.036	28.5	0.000989	0.000979	0.00000498	0.00701	0.00113	0.0272	0.0161	0.00000506	18.4	0.0000021	0.000254	0.000206	0.00101	0.0484	0.00001	1.37	4.27	0.0326	0.00047	11.3	0.00298	0.0426	0.000192	0.000241	0.0000942	0.0971	0.00000223	0.0000118	0.000545	0.00177	0.0000305
2062 Jul	130	0.0419	0.086	0.00241	20.8	0.0345	24.8	0.00102	0.00101	0.00000514	0.00677	0.00113	0.0246	0.0155	0.00000521	17	0.0000201	0.000236	0.000191	0.000973	0.0491	0.0000103	1.31	3.83	0.0306	0.000382	10.1	0.00273	0.0429	0.000194	0.000244	0.0000889	0.0901	0.00000226	0.0000841	0.000314	0.00152	0.0000142
2062 Sep	94.2	0.0673	0.0489	0.00175	17.5	0.0418	16	0.000999	0.000994	0.00000501	0.00678	0.00113	0.0193	0.0163	0.00000505	16.7	0.0000138	0.000216	0.000157	0.00096	0.0451	0.00001	1.24	2.91	0.0202	0.000494	7.51	0.00194	0.0462	0.000103	0.000115	0.0000699	0.0835	0.00000212	0.0000943	0.000298	0.00136	0.0000147
2062 Oct	164	0.0926	0.106	0.00274	27.3	0.044	33	0.00098	0.000967	0.00000493	0.0072	0.00122	0.03	0.0182	0.00000502	21.1	0.0000191	0.000261	0.000228	0.00116	0.0504	0.00000992	1.5	4.86	0.0336	0.00064	12.6	0.00325	0.0451	0.000183	0.000191	0.0001	0.11	0.00000223	0.000137	0.000479	0.00147	0.0000361
2062 Nov	158	0.094	0.101	0.00265	26.6	0.0442	31.6	0.000985	0.000972	0.00000495	0.0073	0.00122	0.0291	0.0182	0.00000504	20.9	0.0000019	0.000259	0.000223	0.00115	0.0504	0.00000995	1.48	4.71	0.0324	0.000639	12.2	0.00314	0.0459	0.000175	0.000183	0.0000973	0.108	0.00000222	0.000135	0.000466	0.00146	0.0000344
2062 Dec	159	0.0939	0.101	0.00266	26.7	0.0442	31.8	0.000985	0.000972	0.00000496	0.0073	0.00122	0.0292	0.0182	0.00000504	20.9	0.000019	0.00026	0.000224	0.00116	0.0504	0.00000996	1.49	4.73	0.0325	0.000639	12.2	0.00315	0.0458	0.000176	0.000184	0.0000977	0.109	0.00000222	0.000135	0.000468	0.00146	0.0000346
2063 Jan	160	0.0939	0.102	0.00267	26.7	0.0442	31.9	0.000985	0.000972	0.00000496	0.00729	0.00122	0.0293	0.0182	0.00000504	20.9	0.000019	0.00026	0.000224	0.00116	0.0504	0.00000996	1.49	4.74	0.0326	0.00064	12.3	0.00316	0.0458	0.000176	0.000184	0.0000979	0.109	0.00000223	0.000135	0.000469	0.00146	0.0000348
2063 Feb	160	0.0938	0.102	0.00267	26.8	0.0442	31.9	0.000985	0.000972	0.00000496	0.00729	0.00122	0.0293	0.0182	0.00000505	20.9	0.000019	0.00026	0.000224	0.00116	0.0504	0.00000996	1.49	4.74	0.0326	0.00064	12.3	0.00316	0.0458	0.000177	0.000184	0.000098	0.109	0.00000223	0.000135	0.000469	0.00146	0.0000348
2063 Mar	160	0.0939	0.102	0.00267	26.8	0.0442	31.9	0.000985	0.000973	0.00000496	0.00729	0.00122	0.0293	0.0182	0.00000505	20.9	0.000019	0.00026	0.000224	0.00116	0.0505	0.00000996	1.49	4.75	0.0327	0.00064	12.3	0.00317	0.0458	0.000177	0.000185	0.000098	0.109	0.00000223	0.000135	0.000469	0.00146	0.0000348
2063 Apr	160	0.0941	0.102	0.00268	26.8	0.0443	32	0.000988	0.000975	0.00000497	0.00731	0.00122	0.0294	0.0183	0.00000506	21	0.0000191	0.000261	0.000225	0.00116	0.0506	0.00000999	1.49	4.76	0.0328	0.000642	12.3	0.00317	0.0459	0.000177	0.000185	0.0000983	0.109	0.00000223	0.000136	0.000471	0.00147	0.0000349
2063 May	161	0.0895	0.0997	0.0026	27.4	0.041	31	0.000997	0.000985	0.00000501	0.00717	0.00133	0.0281	0.022	0.0000051	23.5	0.0000199	0.000296	0.000298	0.0012	0.0609	0.0000101	1.63	5.03	0.0465	0.000586	12.4	0.00319	0.047	0.000308	0.000208	0.0001009	0.124	0.00000224	0.000132	0.000621	0.00156	0.0000334
2063 Jun	163	0.0561	0.107	0.00274	25.7	0.0339	31.9	0.00097	0.000951	0.00000487	0.00655	0.00116	0.0289	0.0173	0.00000495	19.7	0.0000213	0.000272	0.000244	0.00103	0.0512	0.00000959	1.47	4.73	0.0405	0.000455	12.3	0.00327	0.0395	0.00026	0.000266	0.000106	0.107	0.00000219	0.000123	0.000626	0.00179	0.0000426
2063 Jul	131	0.0438	0.0815	0.00234	20.8	0.0329	24.4	0.00102	0.00101	0.00000512	0.00686	0.00112	0.0242	0.0159	0.00000518	17.3	0.0000209	0.000249	0.000203	0.000963	0.0497	0.0000101	1.34	3.82	0.0326	0.000376	9.9	0.00271	0.0425	0.00021	0.00025	0.00009	0.0925	0.00000222	0.000106	0.000563	0.00187	0.0000326
2063 Aug	125	0.0438	0.0744	0.00227	20.2	0.0361	22.5	0.00107	0.00106	0.00000538	0.00699	0.00118	0.0235	0.0166	0.00000544	17.5	0.0000197	0.000248	0.000198	0.000994	0.0512	0.0000106	1.36	3.67	0.031	0.00039	9.5	0.00259	0.0451	0.000199	0.000232	0.0000887	0.0929	0.00000231	0.000105	0.000521	0.00187	0.0000294
2063 Sep	97.7	0.0531	0.0502	0.00183	17.4	0.0394	16.2	0.00106	0.00105	0.00000529	0.00691	0.00116	0.0198	0.0165	0.00000533	16.7	0.0000157	0.000233	0.000168	0.000947	0.0473	0.0000105	1.28	2.96	0.0235	0.000433	7.61	0.00204	0.0463	0.000135	0.000158	0.0000753	0.0854	0.00000222	0.000093	0.000377	0.00161	0.0000191
2063 Oct	80.4	0.0731	0.034	0.00152	15.7	0.0409	12.2	0.00103	0.00102	0.00000515	0.00739	0.00113	0.0168	0.0165	0.00000515	16.2	0.0000153	0.000219	0.000153	0.000951	0.0467	0.0000102	1.21	2.53	0.0184	0.00048	6.38	0.00166	0.0496	0.0000931	0.000108	0.0000622	0.0806	0.00000212	0.0000899	0.00031	0.00141	0.0000122
2063 Nov	78.1	0.0762	0.0317	0.00148	15.5	0.0412	11.6	0.00102	0.00102	0.00000512	0.00747	0.00113	0.0164	0.0166	0.00000514	16.2	0.0000153	0.000217	0.000151	0.000955	0.0467	0.0000102	1.21	2.48	0.0177	0.000488	6.22	0.0016	0.0503	0.0000873	0.000101	0.0000604	0.0801	0.00000211	0.0000897	0.000302	0.00139	0.0000113
2063 Dec	78.2	0.0763	0.0317	0.00148	15.5	0.0412	11.6	0.00102	0.00102	0.00000512	0.00748	0.00113	0.0164	0.0166	0.00000515	16.2	0.0000153	0.000217	0.000151	0.000955	0.0467	0.0000102	1.21	2.48	0.0177	0.000489	6.22	0.00161	0.0503	0.0000874	0.000101	0.0000605	0.0802	0.00000211	0.0000897	0.000302	0.00139	0.0000113
2064 Jan	78.2	0.0763	0.0317	0.00148	15.5	0.0412	11.6	0.00102	0.00102	0.00000513	0.00748	0.00113	0.0164	0.0166	0.00000515	16.2	0.0000153	0.000217	0.000151	0.000955	0.0467	0.0000102	1.21	2.48	0.0177	0.000489	6.22	0.00161	0.0503	0.0000874	0.000101	0.0000605	0.0802	0.00000211	0.0000897	0.000302	0.00139	0.0000113
2064 Feb	78.2	0.0763	0.0317	0.00148	15.5	0.0413	11.6	0.00102	0.00102	0.00000513	0.00748	0.00113	0.0164	0.0166	0.00000515	16.2	0.0000153	0.000218	0.000151	0.000956	0.0467	0.0000102	1.21	2.48	0.0177	0.000489	6.22	0.00161	0.0503	0.0000874	0.000101	0.0000605	0.0802	0.00000211	0.0000898	0.000302	0.00139	0.0000113
2064 Mar	78.3	0.0764	0.0318	0.00148	15.5	0.0413	11.6	0.00103	0.00102	0.00000513	0.0075	0.00113	0.0164	0.0166	0.00000516	16.3	0.0000153	0.000218	0.000152	0.000957	0.0468	0.0000102	1.21	2.48	0.0178	0.00049	6.23	0.00161	0.0504	0.0000876	0.000101	0.0000606	0.0803	0.00000212	0.0000899	0.000302	0.00139	0.0000113
2064 Apr	91.3	0.0854	0.0351	0.00155	16.9	0.0433	16.2	0.00101	0.001	0.00000506	0.00756	0.00117	0.019	0.0176	0.0000051	17.8	0.0000159	0.000228	0.000174	0.00104	0.0493	0.0000101	1.29	3.05	0.0213	0.000549	6.76	0.00195	0.0508	0.000112	0.000107	0.0000683	0.0885	0.00000209	0.000104	0.00033	0.00133	0.0000168
2064 May	109	0.0816	0.0451	0.00168	19.6	0.0399	19.5	0.00102	0.001	0.00000507	0.00732	0.00131	0.0206	0.0221	0.00000512	21.6	0.0000177	0.00028	0.000273	0.00112	0.0615	0.0000102	1.5	3.87	0.0403	0.000514	7.99	0.00232	0.0506	0.00028	0.000154	0.0000892	0.111	0.00000211	0.00011	0.000541	0.00147	0.0000209
2068 Jun	137	0.0454	0.0708	0.00214	20.1	0.0324	28.5	0.000985	0.000955	0.00000488	0.0067	0.00113	0.027	0.0168	0.00000495	18.9	0.0000216	0.000276	0.000231	0.000989	0.0506	0.00000973	1.41	4.39	0.0381	0.000418	9.22	0.00303	0.0405	0.000246	0.000264	0.0000997	0.101	0.00000208	0.000119	0.000619	0.00183	0.000039
2068 Jul	85.1	0.0266	0.0374	0.00159	13.4	0.0328	15.2	0.00103	0.00101	0.00000512	0.0065	0.00109	0.0178	0.015	0.00000515	14.7	0.0000172	0.000211	0.000164	0.00089	0.0488	0.0000102	1.17	2.8	0.0247	0.000289	6.08	0.00199	0.0443	0.000172	0.0002	0.0000715	0.0768	0.00000211	0.0000851	0.000439	0.00174	0.000019
2068 Aug	80.1	0.0278	0.0327	0.00156	13.3	0.0367	13.6	0.00109	0.00107	0.00000541	0.0066	0.00116	0.0172	0.0158	0.00000544	15.1	0.0000155	0.000208	0.00016	0.000931	0.0504	0.0000108	1.21	2.67	0.023	0.000312	5.91	0.00189	0.047	0.00016	0.000177	0.0000707	0.078	0.00000222	0.0000838	0.000386	0.00172	0.00016
2068 Sep	68	0.0554	0.0218	0.00134	13	0.04	10.1	0.00105	0.00105	0.00000525	0.0071	0.00114	0.0152	0.0162	0.00000527	15.3	0.0000144	0.000205	0.000145	0.000935	0.048	0.0000105	1.18	2.3	0.0176	0.000409	5.24	0.00153	0.0498	0.000103	0.000114	0.0000599	0.076	0.00000213	0.0000828	0.000299	0.00147	0.00000962
2068 Oct	64	0.0702	0.0176	0.00126	13.1	0.0415	8.88	0.00104	0.00104	0.00000521	0.00749	0.00114	0.0143	0.0165	0.00000523	15.5	0.0000146	0.000205	0.000142	0.000953	0.048	0.0000104	1.17	2.19	0.0157	0.000455	5.03	0.00141	0.052	0.0000823	0.0000909	0.0000551	0.076	0.00000211	0.0000842	0.000274	0.00139	0.0000072
2068 Nov	64.1	0.0712	0.0175	0.00126	13.2	0.0417	8.86	0.00105	0.00104	0.00000523	0.00754	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000958	0.0482	0.0000105	1.17	2.2	0.0156	0.000459	5.04	0.00141	0.0523	0.0000816	0.0000902	0.0000551	0.0763	0.00000212	0.0000846	0.000274	0.00139	0.0000713
2068 Dec	64.1	0.0713	0.0175	0.00126	13.2	0.0417	8.87	0.00105	0.00104	0.00000524	0.00754	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959	0.0482	0.0000105	1.17	2.2	0.0156	0.00046	5.04	0.00141	0.0524	0.0000817	0.0000902	0.0000552	0.0763	0.00000212	0.0000847	0.000274	0.00139	0.0000714
2069 Jan	64.2	0.0713	0.0175	0.00126	13.2	0.0417	8.87	0.00105	0.00104	0.00000524	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959	0.0482	0.0000105	1.17	2.2	0.0156	0.00046	5.04	0.00141	0.0524	0.0000817	0.0000903	0.0000552	0.0764	0.00000212	0.0000847	0.000274	0.00139	0.0000714
2069 Feb	64.2	0.0713	0.0175	0.00126	13.2	0.0418	8.87	0.00105	0.00104	0.00000524	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959	0.0482	0.0000105	1.18	2.2	0.0156	0.00046	5.05	0.00141	0.0524	0.0000817	0.0000903	0.0000552	0.0764	0.00000212	0.0000847	0.000274	0.00139	0.0000714
2069 Mar	64.2	0.0713	0.0175	0.00126	13.2	0.0418	8.87	0.00105	0.00104	0.00000524	0.00755	0.00114	0.0144	0.0166	0.00000525	15.6	0.0000147	0.000206	0.000143	0.000959	0.0482	0.0000105	1.18	2.2	0.0156	0.00046	5.05	0.00141	0.0524	0.0000817	0.0000903	0.0000552	0.0764	0.00000212	0.0000848	0.000274	0.00139	0.0000714
2069 Apr	64.3	0.0715	0.0175	0.00126	13.2	0.0419	8.9	0.00105	0.00105	0.00000525	0.00757	0.00115	0.0144	0.0167	0.00000527	15.7	0.0000147	0.000206	0.000143	0.000961	0.0483	0.0000105	1.18	2.2	0.0157	0.000461	5.06	0.00141	0.0525	0.0000819	0.0000905	0.0000553	0.0766	0.00000212	0.0000885	0.000275	0.00139	0.0000716
2069 May	66.9	0.0729	0.0182	0.00128	13.9	0.0417	9.01	0.00107	0.00107	0.00000535	0.00769	0.0012	0.0144	0.0182	0.00000537	16.8	0.0000153	0.000222	0.00017	0.000996	0.0525	0.0000107	1.25	2.36	0.0205	0.000458	5.28	0.00146	0.0539	0.000125	0.000099	0.00006	0.0831	0.00000216	0.0000863	0.000329	0.00144	0.00000698
2069 Jun	132	0.0456	0.065	0.00204	19.4	0.0323	27.2	0.000995	0.000966	0.00000493	0.00679	0.00115	0.0261	0.0174	0.000005	19.1	0.0000216	0.00028	0.000238	0.000994	0.0524	0.00000985	1.42	4.3	0.0392	0.000411	8.77	0.00294	0.0417	0.000259	0.00026	0.0000099	0.102	0.00000208	0.0000841	0.000184	0.00136	0.0000361
2069 Jul	116	0.0371	0.0553	0.00194	17.1	0.0329	23	0.00105	0.00103	0.00000523	0.00711	0.00114	0.0238	0.0163	0.00000529	17.4	0.0000216	0.000262	0.000203	0.000963	0.0512	0.0000105	1.35	3.75	0.0327	0.000365	7.79	0.00265	0.0443	0.000213	0.000256	0.0000895	0.0918	0.00000219	0.000108	0.000578	0.00194	0.0000304
2069 Aug	96	0.0364	0.0415	0.0017	15.4	0.0368	17.7	0.00107	0.00105	0.00000532	0.00677	0.00116	0.0206	0.0162	0.00000536	16.5	0.0000171	0.000238	0.000177	0.000944	0.0493	0.0000106	1.29	3.15	0.0266	0.000373	6.74	0.0022	0.0454	0.000169	0.000195	0.0000798	0.0854	0.0000022	0.0000952	0.000439	0.00175	0.0000218
2069 Sep	96	0.0634	0.0387	0.00162	16.4	0.0403	17.7	0.00102	0.00101	0.00000509	0.00702	0.00115	0.0204	0.0169	0.00000513	17.4	0.0000159	0.000237	0.000177	0.000985	0.048	0.0000102	1.3	3.17	0.0241	0.000483	6.81	0.00211	0.0469	0.000136	0.000144	0.0000728	0.0886	0.00000214	0.000101	0.000367	0.00147	0.0000187
2069 Oct	137	0.0871	0.0626	0.00203	21.7	0.0433	28.8	0.000992	0.000962	0.00000489	0.00729	0.00119	0.026	0.0183	0.00000498	20.8	0.0000184	0.000271	0.000228	0.00114	0.0515	0.0000984	1.48	4.49	0.0328	0.00062	9.24	0.00294	0.0463	0.000186	0.00017	0.0000947	0.107	0.00000207	0.0000133	0.000464	0.00141	0.000036
2069 Nov	130	0.0899	0.0576	0.00194	21	0.0435	26.7	0.000993	0.000966	0.00000492	0.00738	0.00121	0.0259	0.0186	0.00000498	20.4	0.0000181	0.000265	0.00022	0.00113	0.0512	0.00000986	1.45	4.26	0.0308	0.000619	8.82	0.00277	0.0474	0.000171	0.000156	0.00009	0.105	0.00000207	0.00013	0.00044	0.00138	0.0000333

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2069 Dec	132	0.0894	0.0591	0.00197	21.2	0.0435	27.4	0.000994	0.000965	0.00000492	0.00735	0.00121	0.0263	0.0187	0.00000499	20.6	0.0000182	0.000267	0.000222	0.00113	0.0513	0.00000986	1.46	4.33	0.0314	0.000621	8.95	0.00282	0.0472	0.000175	0.00016	0.0000914	0.106	0.00000207	0.000131	0.000447	0.00139	0.0000339
2070 Jan	133	0.0892	0.0596	0.00198	21.3	0.0435	27.6	0.000994	0.000965	0.00000492	0.00734	0.00121	0.0264	0.0187	0.00000499	20.6	0.0000182	0.000268	0.000223	0.00113	0.0514	0.00000986	1.47	4.36	0.0316	0.000621	9	0.00284	0.0471	0.000177	0.000161	0.0000919	0.106	0.00000207	0.000131	0.00045	0.00139	0.0000342
2070 Feb	133	0.0891	0.06	0.00198	21.4	0.0435	27.7	0.000994	0.000965	0.00000492	0.00734	0.00121	0.0265	0.0187	0.00000499	20.7	0.0000182	0.000268	0.000224	0.00113	0.0514	0.00000986	1.47	4.37	0.0318	0.000622	9.03	0.00285	0.047	0.000178	0.000162	0.0000922	0.106	0.00000207	0.000132	0.000452	0.0014	0.0000345
2070 Mar	134	0.0891	0.0602	0.00199	21.4	0.0435	27.8	0.000994	0.000966	0.00000492	0.00734	0.00121	0.0266	0.0187	0.00000499	20.7	0.0000183	0.000268	0.000225	0.00113	0.0515	0.00000987	1.47	4.38	0.0319	0.000622	9.05	0.00286	0.047	0.000179	0.000163	0.0000925	0.106	0.00000207	0.000132	0.000453	0.0014	0.0000346
2070 Apr	134	0.0896	0.0605	0.002	21.6	0.0437	28	0.001	0.000971	0.00000494	0.00737	0.00122	0.0267	0.0188	0.00000502	20.8	0.0000184	0.00027	0.000226	0.00114	0.0518	0.00000992	1.48	4.41	0.0322	0.000625	9.1	0.00288	0.0473	0.00018	0.000164	0.000093	0.107	0.00000209	0.000132	0.000456	0.00141	0.0000347
2070 May	141	0.0846	0.0631	0.00201	22.9	0.0406	28.3	0.00101	0.000981	0.00000505	0.0072	0.00134	0.0264	0.0226	0.00000507	23.6	0.0000194	0.000309	0.000304	0.00119	0.0624	0.00001	1.64	4.84	0.047	0.000576	9.62	0.003	0.0479	0.000316	0.000194	0.000106	0.123	0.00000211	0.000132	0.000619	0.00152	0.0000349
2070 Jun	135	0.048	0.0645	0.00203	20.1	0.0319	27.3	0.000998	0.000966	0.00000493	0.00674	0.00121	0.0259	0.0193	0.000005	20.5	0.0000217	0.000299	0.000272	0.00103	0.057	0.00000982	1.5	4.49	0.0452	0.00041	8.92	0.00298	0.0423	0.000313	0.000262	0.000104	0.11	0.00000208	0.000119	0.000684	0.00183	0.0000369
2070 Jul	107	0.0367	0.0479	0.00178	16.3	0.0314	20.1	0.00105	0.00103	0.0000052	0.00707	0.00117	0.0216	0.0174	0.00000525	17.7	0.0000213	0.000267	0.000222	0.000955	0.0544	0.0000104	1.36	3.57	0.0357	0.000335	7.23	0.00244	0.0452	0.000249	0.000247	0.0000879	0.0936	0.00000216	0.000101	0.000606	0.00192	0.0000263
2070 Aug	86.9	0.0324	0.035	0.00158	14.3	0.0356	15.1	0.00107	0.00105	0.00000531	0.00663	0.00118	0.0181	0.0169	0.00000535	16.4	0.0000164	0.00023	0.000188	0.000946	0.0525	0.0000106	1.27	2.95	0.0281	0.000328	6.2	0.00202	0.0464	0.000198	0.000187	0.0000767	0.0849	0.00000218	0.0000885	0.000448	0.00173	0.0000182
2070 Sep	77	0.0681	0.0255	0.00138	14.4	0.04	12.4	0.00102	0.00101	0.00000509	0.00727	0.00114	0.0165	0.017	0.00000512	16.5	0.0000154	0.000221	0.000166	0.000967	0.0491	0.0000102	1.23	2.62	0.0209	0.000458	5.7	0.00169	0.0498	0.000122	0.000115	0.0000639	0.0822	0.00000207	0.0000911	0.000337	0.00142	0.0000127
2070 Oct	102	0.0866	0.0399	0.00162	17.8	0.0423	19.4	0.000994	0.000974	0.00000493	0.00745	0.00117	0.0209	0.0179	0.00000498	18.6	0.0000168	0.000242	0.000191	0.00105	0.0497	0.00000987	1.34	3.41	0.0249	0.000564	7.17	0.00219	0.0492	0.000135	0.000123	0.0000748	0.0935	0.00000204	0.000112	0.000374	0.00134	0.0000225
2070 Nov	112	0.0866	0.0458	0.00173	18.8	0.0426	21.9	0.000996	0.000972	0.00000493	0.0074	0.00118	0.0226	0.0181	0.00000498	19.2	0.0000172	0.000251	0.000202	0.00108	0.0503	0.00000987	1.38	3.71	0.0272	0.000579	7.71	0.00239	0.0484	0.000151	0.000136	0.0000804	0.0975	0.00000205	0.000118	0.0004	0.00136	0.0000263
2070 Dec	113	0.0864	0.0465	0.00174	18.9	0.0426	22.3	0.000996	0.000972	0.00000493	0.00739	0.00119	0.0229	0.0182	0.00000498	19.3	0.0000173	0.000252	0.000203	0.00108	0.0504	0.00000987	1.39	3.75	0.0275	0.00058	7.77	0.00242	0.0483	0.000153	0.000138	0.0000812	0.098	0.00000205	0.000119	0.000404	0.00136	0.0000268
2071 Jan	114	0.0863	0.0468	0.00175	19	0.0426	22.4	0.000996	0.000972	0.00000493	0.00738	0.00119	0.0229	0.0182	0.00000499	19.3	0.0000173	0.000253	0.000204	0.00108	0.0505	0.00000987	1.39	3.76	0.0276	0.000581	7.8	0.00243	0.0483	0.000154	0.000139	0.0000815	0.0982	0.00000205	0.000119	0.000405	0.00137	0.000027
2071 Feb	114	0.0863	0.047	0.00175	19	0.0426	22.5	0.000996	0.000972	0.00000493	0.00738	0.00119	0.023	0.0182	0.00000499	19.3	0.0000173	0.000253	0.000204	0.00108	0.0505	0.00000987	1.39	3.77	0.0277	0.000581	7.82	0.00244	0.0483	0.000154	0.000139	0.0000816	0.0983	0.00000205	0.000119	0.000406	0.00137	0.0000271
2071 Mar	114	0.0863	0.0471	0.00176	19	0.0426	22.5	0.000996	0.000972	0.00000493	0.00738	0.00119	0.023	0.0182	0.00000499	19.4	0.0000173	0.000253	0.000204	0.00108	0.0505	0.00000987	1.39	3.78	0.0278	0.000581	7.83	0.00244	0.0482	0.000155	0.00014	0.0000818	0.0984	0.00000205	0.000119	0.000407	0.00137	0.0000272
2071 Apr	114	0.0865	0.0472	0.00176	19.1	0.0427	22.6	0.000999	0.000974	0.00000494	0.0074	0.00119	0.0231	0.0182	0.000005	19.4	0.0000173	0.000254	0.000205	0.00109	0.0506	0.00000989	1.39	3.79	0.0278	0.000583	7.85	0.00245	0.0483	0.000155	0.00014	0.0000822	0.0987	0.00000206	0.00012	0.000408	0.00137	0.0000273
2071 May	122	0.0792	0.0497	0.00172	21.2	0.0365	22.3	0.001	0.000978	0.00000496	0.00705	0.00139	0.0217	0.025	0.00000501	24.2	0.000019	0.00032	0.000343	0.00116	0.0692	0.00000992	1.65	4.46	0.054	0.000491	8.57	0.00259	0.0494	0.000399	0.000187	0.000104	0.127	0.00000206	0.000116	0.000693	0.00154	0.0000259
2071 Jun	144	0.0501	0.0695	0.00213	21	0.0332	30.1	0.000992	0.000951	0.00000487	0.00661	0.0012	0.0278	0.0187	0.00000495	20.6	0.0000213	0.000299	0.000267	0.00105	0.055	0.00000968	1.52	4.71	0.0442	0.000446	9.33	0.00317	0.0409	0.000297	0.000262	0.000107	0.111	0.00000206	0.000127	0.000661	0.00178	0.0000421
2071 Jul	124	0.0408	0.0577	0.00198	18	0.0331	24.9	0.00104	0.00101	0.00000513	0.00697	0.00116	0.0248	0.0169	0.0000052	18.2	0.0000214	0.000274	0.000219	0.000985	0.0519	0.0000102	1.4	3.98	0.0354	0.00039	8.06	0.00278	0.0433	0.000233	0.000255	0.0000942	0.0967	0.00000215	0.000114	0.000595	0.00189	0.0000347
2071 Aug	112	0.0415	0.0495	0.00186	17.1	0.0364	21.6	0.00108	0.00105	0.00000532	0.00694	0.00119	0.0232	0.0171	0.00000537	18	0.000019	0.000265	0.000203	0.000987	0.0513	0.0000106	1.38	3.63	0.0317	0.000405	7.52	0.00253	0.045	0.000203	0.00022	0.0000892	0.094	0.0000022	0.000107	0.000513	0.00181	0.000029
2071 Sep	75.1	0.0681	0.0239	0.00135	14.3	0.0407	11.8	0.00102	0.00101	0.00000508	0.00718	0.00112	0.0167	0.0166	0.00000051	16.3	0.0000145	0.000225	0.000154	0.000933	0.046	0.0000101	1.22	2.5	0.0188	0.000477	5.54	0.00163	0.0486	0.0000956	0.000104	0.0000632	0.0805	0.00000207	0.0000895	0.000302	0.00139	0.0000123
2071 Oct	77.7	0.0828	0.0244	0.00135	14.9	0.0418	12.5	0.001	0.000989	0.00000498	0.00749	0.00113	0.0168	0.017	0.000005	16.8	0.0000151	0.000224	0.000158	0.000973	0.0468	0.00000994	1.23	2.61	0.0184	0.000524	5.71	0.00165	0.0502	0.0000894	0.0000903	0.0000613	0.0826	0.00000203	0.0000952	0.000297	0.0013	0.0000128
2071 Nov	80.4	0.0898	0.0253	0.00136	15.5	0.0426	13.2	0.001	0.000986	0.00000497	0.00766	0.00114	0.0171	0.0173	0.00000499	17.2	0.0000155	0.000226	0.000163	0.000999	0.0476	0.00000992	1.24	2.7	0.0187	0.00055	5.88	0.00169	0.0512	0.0000892	0.0000863	0.0000615	0.0845	0.00000202	0.0000989	0.0003	0.00127	0.0000135
2071 Dec	82.5	0.0898	0.0266	0.00139	15.7	0.0427	13.8	0.001	0.000986	0.00000497	0.00765	0.00114	0.0175	0.0174	0.00000499	17.3	0.0000156	0.000228	0.000165	0.00101	0.0478	0.00000992	1.25	2.76	0.0192	0.000552	6	0.00173	0.051	0.000093	0.0000893	0.0000628	0.0854	0.00000203	0.0001	0.000307	0.00128	0.0000144
2072 Jan	83.1	0.0897	0.027	0.0014	15.7	0.0427	13.9	0.001	0.000986	0.00000497	0.00764	0.00114	0.0176	0.0174	0.000005	17.4	0.0000157	0.000229	0.000166	0.00101	0.0478	0.00000992	1.26	2.78	0.0194	0.000553	6.03	0.00175	0.051	0.0000942	0.0000902	0.0000631	0.0856	0.00000203	0.000101	0.000309	0.00128	0.0000146
2072 Feb	83.3	0.0896	0.0271	0.0014	15.8	0.0427	14	0.001	0.000986	0.00000497	0.00764	0.00114	0.0176	0.0174	0.000005	17.4	0.0000157	0.000229	0.000166	0.00101	0.0478	0.00000992	1.26	2.79	0.0195	0.000553	6.05	0.00175	0.0509	0.0000947	0.0000907	0.0000633	0.0858	0.00000203	0.000101	0.000309	0.00128	0.0000148
2072 Mar	83.5	0.0896	0.0272	0.0014	15.8	0.0427	14	0.001	0.000986	0.00000497	0.00764	0.00114	0.0177	0.0174	0.000005	17.4	0.0000157	0.000229	0.000167	0.00101	0.0479	0.00000992	1.26	2.8	0.0195	0.000553	6.06	0.00176	0.0509	0.0000951	0.000091	0.0000634	0.0858	0.00000203	0.000101	0.00031	0.00128	0.0000148
2072 Apr	83.9	0.09	0.0274	0.00141	15.9	0.0428	14.1	0.001	0.00099	0.00000499	0.00767	0.00115	0.0177	0.0175	0.00000502	17.5	0.0000158	0.00023	0.000167	0.00101	0.048	0.00000996	1.26	2.81	0.0196	0.000556	6.08	0.00176	0.0511	0.0000955	0.0000914	0.0000637	0.0862	0.00000203	0.000101	0.000311	0.00129	0.0000149
2072 May	85.6	0.0917	0.0279	0.00143	16.2	0.0437	14.4	0.00102	0.00101	0.00000509	0.00782	0.00117	0.0181	0.0178	0.00000512	17.8	0.0000161	0.000235	0.000172	0.00103	0.0491	0.0000102	1.29	2.87	0.0201	0.000566	6.21	0.0018	0.0522	0.0000987	0.0000934	0.0000651	0.0881	0.00000208	0.000103	0.000319	0.00131	0.0000152
2072 Jun	125	0.0476	0.0574	0.00194	18.2	0.033	25.4	0.001	0.000967	0.00000493	0.00689	0.00113	0.025	0.0167	0.000005	18.3	0.0000211	0.000275	0.000219	0.000976	0.0503	0.00000981	1.39	4.02	0.0352	0.000418	8.03	0.00277	0.0422	0.000225	0.000243	0.0000934	0.097	0.00000206	0.000116	0.000582	0.00179	0.0000351
2072 Jul	101	0.0325	0.0439	0.00173	15.1	0.0334	19.3	0.00103	0.00101	0.00000511	0.00662	0.00113	0.0207	0.0158	0.00000516	16.2	0.0000185	0.000237	0.000186	0.000935	0.05	0.0000102	1.27	3.29	0.0289	0.000337	6.74	0.00232	0.0438	0.000196	0.000218	0.0000681	0.0853	0.00000211	0.0000984	0.000492	0.00177	0.0000259
2072 Aug	117	0.0498	0.0507	0.00185	18.3	0.0406	23.2	0.00103	0.000995	0.00000506	0.00621	0.00119	0.0242	0.0174	0.00000511	18.7	0.0000145	0.000259	0.000201	0.001	0.0478	0.0000101	1.4	3.77	0.0303	0.000489	7.82	0.00257	0.0419	0.00018	0.00017	0.0000915	0.097	0.00000221	0.000111	0.000405	0.0015	0.0000309
2072 Sep	115	0.0668	0.0478	0.00178	18.8	0.0429	22.5	0.00101	0.000979	0.00000497	0.00648	0.00119	0.0239	0.0178	0.00000503	19.2	0.0000139	0.000262	0.000198	0.00102	0.0469	0.0000099	1.41	3.71	0.0283	0.000557	7.77	0.00247	0.0434	0.000155	0.000138	0.0000881	0.0983	0.00000206	0.000114	0.000364	0.00136	0.0000292
2072 Oct	136	0.0836	0.0595	0.00199	21.2	0.0423	28	0.000995	0.000955	0.00000487	0.00708	0.00122	0.0265	0.0187	0.00000494	20.7	0.0000179	0.000278	0.00023	0.00112	0.0513	0.00000968	1.49	4.38	0.0334	0.000604	8.9	0.00288	0.0454	0.000193	0.000168	0.0000949	0.107	0.00000204	0.000133	0.000465	0.0014	0.0000379
2072 Nov	139	0.0838	0.0615	0.00203	21.5	0.0424	28.8	0.000998	0.000956	0.00000488	0.00708	0.00122	0.0271	0.0188	0.00000495	20.9	0.0000182	0.000281	0.000234	0.00113	0.0517	0.00000969	1.51	4.47	0.0343	0.000608	9.07	0.00295	0.0453	0.000199	0.000174	0.0000967	0.109	0.00000205	0.000135	0.000476	0.00141	0.0000393
2072 Dec	140	0.0835	0.062	0.00204	21.6	0.0424	29.1	0.000998	0.000956	0.00000488	0.00707	0.00123	0.0272	0.0189	0.00000496	20.9	0.0000182	0.000282	0.000235	0.00113	0.0518	0.00000969	1.51	4.5	0.0345	0.000608	9.12	0.00297	0.0452	0.000201	0.000175	0.0000973	0.109	0.00000205	0.000136	0.000479	0.00142	0.0000397
2073 Jan	140	0.0835	0.0623	0.00205	21.7	0.0423	29.1	0.000998	0.000956	0.00000488	0.00707	0.00123	0.0273	0.0189	0.00000496	21	0.0000182	0.000282	0.000236	0.00113	0.0518	0.00000969	1.51	4.51	0.0346	0.000609	9.14	0.00297	0.0451	0.000202	0.000176	0.0000975	0.109	0.00000205	0.000136	0.00048	0.00142	0.0000399
2073 Feb	140	0.0834	0.0623	0.00205	21.7	0.0424	29.2	0.000998	0.000956	0.00000488	0.00707	0.00123	0.0273	0.0189	0.00000496	21	0.0000182	0.000282	0.000236	0.00113	0.0518	0.00000969	1.52	4.52	0.0347	0.000609	9.15	0.00298	0.0451	0.000202	0.000176	0.0000976	0.109	0.00000205	0.000136	0.000481	0.00142	0.0000399
2073 Mar	141	0.0834	0.0625	0.00205	21.7	0.0424	29.2	0.000999	0.000956	0.00000489	0.00707	0.00123	0.0274	0.0189	0.00000496	21	0.0000183	0.000283	0.000236	0.00113	0.0519	0.0000097	1.52	4.52	0.0347	0.000609	9.16	0.00298	0.0451	0.000203	0.000176	0.0000978	0.11	0.00000205	0.000136	0.000481	0.00142	0.00004
2073 Apr	142	0.0841	0.063	0.00207	21.9	0.0427	29.5	0.00101	0.000964	0.00000493	0.00713	0.00124	0.0276	0.0191	0.000005	21.2	0.0000184	0.000285	0.000238	0.00114	0.0523	0.0000098	1.53	4.56	0.035	0.000614	9.24	0.00301	0.0455	0.000204	0.000178	0.0000986	0.111	0.00000207	0.000137	0.000486	0.00143	0.0000404
2073 May	149	0.0778	0.0657	0.00207	23.3	0.0389	30.1	0.00101	0.00097	0.00000496	0.00689	0.00137	0.0273	0.0233	0.00000503	24.3	0.0000196	0.00033	0.000327	0.0012	0.0643	0.00000985	1.7	5.08	0.0521	0.000556	9.78	0.00317	0.0459	0.000363	0.000214	0.0001114	0.129	0.00000208	0.000137	0.000674	0.00156	0.0000404
2073 Jun	142	0.0529	0.0652	0.00205	21	0.0328	29.1	0.000999	0.000952	0.00000487	0.00655	0.00127	0.0267	0.0208	0.00000494	22	0.0000021	0.00032	0.000301	0.00108	0.0599	0.00000964	1.6	4.79	0.0501	0.000442	9.13	0.00311	0.0419	0.000353	0.000257	0.0000111	0.118	0.00000204	0.000127	0.000708	0.00175	0.0000411
2073 Jul	136	0.0465	0.0622	0.00207	19.7	0.0363	28.1	0.00104	0.000997	0.00000509	0.00656	0.00124	0.0265	0.0186	0.00000516	20	0.0000194	0.000288	0.000249	0.00107	0.0552	0.0000101	1.51	4.44	0.0403	0.000444	8.73	0.00301	0.0428	0.000272	0.00024	0.000103	0.107	0.00000213	0.000125	0.000587	0.00174	0.0000402
2073 Aug	112	0.0405	0.0478	0.00183	17.2	0.0389	21.8	0.00107	0.00103	0.00000525	0.00637	0.00124	0.0224	0.018	0.00000531	18.4	0.0000159	0.000252	0.000215	0.00104	0.0538	0.0000104	1.41	3.71	0.0328	0.000412	7.52	0.00252	0.0448	0.000224	0.000192	0.0000904	0.097	0.00000217	0.000109	0.000461	0.00163	0.0000298
2073 Sep	86.7	0.0577	0.0312	0.0015	15.2	0.041	15.1	0.00104	0.00102	0.00000514	0.00672	0.00118	0.0184	0.0173	0.00000517	17.1	0.0000139	0.000231	0.000176	0.000981	0.0491	0.0000102	1.29	2.91	0.0237	0.000457	6.18	0.00192	0.0471	0.000143	0.000125	0.0000728	0.0868	0.0000021	0.0000958	0.000336	0.00142	0.0000182
2073 Oct	81.1	0.0837	0.0257	0.00138	15.3	0.0423	13.6	0.001	0.000985	0.00000496	0.00741	0.00115	0.0172	0.0173	0.00000499	17.1	0.000015	0.000226	0.000167	0.001	0.0481	0.0000099	1.25	2.74	0.0198	0.000531	5.86	0.00173	0.0503	0.000103	0.0000907	0.0000634	0.085	0.00000202	0.0000989	0.000303	0.00127	0.0000146
2073 Nov	92.1	0.0859	0.032	0.00149	16.5	0.0425	16.6	0.001	0.000977	0.00000494	0.00741	0.00116	0.0191	0.0177	0.00000498	17.9	0.0000157	0.000237	0.00018	0.00103	0.0489	0.00000985	1.3	3.09	0.0224	0.000554	6.44	0.00196	0.0496	0.000119	0.000105	0.0000695	0.0898	0.00000202	0.000107	0.000336	0.00129	0.0000192
2073 Dec	93	0.0858	0.0325	0.0015	16.6	0.0426	16.8	0.001	0.000978	0.00000494	0.00741	0.00116	0.0193	0.0177	0.00000498	18	0.0000158	0.000238	0.000181	0.00103	0.049	0.00000986	1.31	3.12	0.0226	0.000555	6.49	0.00198	0.0496	0.000121	0.000106	0.0000701	0.0902	0.00000202	0.000107	0.000338	0.00129	0.0000196
2074 Jan	93.6	0.0857	0.0329	0.00151	16.6	0.0426	17	0.001	0.000978	0.00000494	0.00741	0.00117	0.0194	0.0177	0.00000498	18	0.0000158	0.000239	0.000181	0.00103	0.049	0.00000986	1.31	3.13	0.0228	0.000555	6.52	0.00199	0.0495	0.000122	0.000107	0.0000704	0.0905	0.00000202	0.000108	0.00034	0.0013	0.0000198
2074 Feb	93.8	0.0857	0.033	0.00151	16.6	0.0426	17	0.001	0.000978	0.00000494	0.0074	0.00117	0.0194	0.0177	0.00000498	18	0.0000158	0.000239	0.000182	0.00103	0.049	0.00000986	1.31	3.14	0.0229	0.000556	6.54	0.002	0.0495	0.000122	0.000108	0.0000706	0.0906	0.00000202	0.000108	0.000341	0.0013	0.0000199
2074 Mar	94	0.0857	0.0331	0.00151	16.7	0.0426	17.1	0.001	0.000978	0.00000495	0.00741	0.00117	0.0195	0.0177	0.00000498	18.1	0.0000158	0.000239	0.000182	0.00104	0.0491	0.00000986	1.31	3.14	0.0229	0.000556	6.54	0.002	0.0495	0.000122	0.000108	0.0000707	0.0907	0.00000203	0.000108	0.000341	0.0013	0.00002
2074 Apr	94.6	0.0863	0.0333	0.00152	16.8	0.0429	17.2	0.00101	0.000985	0.00000498	0.00746	0.00118	0.0196	0.0179	0.00000502	18.2	0.0000159	0.000241	0.000183	0.00104	0.0494	0.00000993	1.32	3.17	0.023	0.00056	6.59	0.00202	0.0499	0.000123	0.000109	0.0000712	0.0913	0.00000204	0.000109	0.000344	0.00131	0.0000201
2074 May	122	0.0788	0.048	0.00174	20.4	0.0388	23.1	0.00102	0.000983	0.00000499	0.00708	0.00135	0.0228	0.0231	0.00000505	22.9	0.0000183	0.00031	0.000303	0.00115	0.0636	0.00000

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2077 Jun	109	0.0377	0.0451	0.00172	15.5	0.0296	21.8	0.00102	0.000972	0.00000494	0.00691	0.00114	0.0227	0.0171	0.000005	17.9	0.0000218	0.00029	0.000226	0.000929	0.0524	0.00000987	1.37	3.71	0.0372	0.000352	6.7	0.00254	0.0427	0.000252	0.000254	0.0000909	0.095	0.00000204	0.00011	0.000627	0.00188	0.0000288
2077 Jul	81	0.0266	0.0299	0.00148	11.9	0.0278	13.9	0.00106	0.00104	0.00000524	0.0074	0.00108	0.018	0.0153	0.00000527	15	0.0000224	0.000258	0.000177	0.000839	0.0501	0.0000105	1.21	2.73	0.0282	0.00026	5.16	0.00197	0.046	0.000193	0.000248	0.0000734	0.0784	0.00000213	0.0000882	0.000576	0.00204	0.0000172
2077 Aug	77.4	0.0295	0.0268	0.00146	12.2	0.0319	12.7	0.0011	0.00108	0.00000544	0.00738	0.00113	0.0177	0.0159	0.00000547	15.4	0.0000202	0.000253	0.000171	0.000871	0.0504	0.0000109	1.24	2.62	0.0261	0.000296	5.14	0.00187	0.0477	0.000173	0.000219	0.0000726	0.0794	0.00000221	0.0000867	0.000509	0.00196	0.0000148
2077 Sep	69.9	0.0684	0.0193	0.00127	13.3	0.0397	10.8	0.00102	0.001	0.00000503	0.00727	0.00111	0.016	0.0164	0.00000505	16	0.0000149	0.000228	0.000151	0.000918	0.0459	0.0000101	1.2	2.39	0.0184	0.000468	5.03	0.00155	0.0488	0.0000937	0.000104	0.000061	0.079	0.00000203	0.000089	0.000308	0.00139	0.0000102
2077 Oct	84.9	0.0837	0.0264	0.0014	15.3	0.0419	15	0.00101	0.000986	0.00000497	0.00753	0.00116	0.0185	0.0175	0.00000501	17.6	0.000016	0.000243	0.000173	0.001	0.0482	0.00000996	1.29	2.91	0.0214	0.000543	5.84	0.00185	0.05	0.00011	0.000105	0.0000673	0.0876	0.00000202	0.000104	0.000335	0.00133	0.0000158
2077 Nov	91.1	0.0835	0.0298	0.00147	15.9	0.0421	16.7	0.00102	0.000986	0.00000498	0.0075	0.00117	0.0196	0.0177	0.00000502	18.1	0.0000163	0.000251	0.000182	0.00102	0.0489	0.00000998	1.32	3.11	0.0231	0.000552	6.15	0.002	0.0497	0.000122	0.000114	0.0000715	0.0906	0.00000203	0.000109	0.000355	0.00135	0.0000184
2077 Dec	92	0.0834	0.0303	0.00148	16	0.0421	17	0.00102	0.000987	0.00000499	0.0075	0.00118	0.0198	0.0178	0.00000503	18.2	0.0000164	0.000252	0.000183	0.00103	0.049	0.00000998	1.33	3.15	0.0234	0.000554	6.19	0.00202	0.0496	0.000124	0.000116	0.0000721	0.0911	0.00000203	0.00011	0.000358	0.00135	0.0000188
2078 Jan	92.4	0.0833	0.0306	0.00148	16.1	0.0422	17.1	0.00102	0.000987	0.00000499	0.00749	0.00118	0.0199	0.0178	0.00000503	18.2	0.0000164	0.000253	0.000183	0.00103	0.049	0.00000999	1.33	3.16	0.0235	0.000554	6.21	0.00203	0.0496	0.000125	0.000117	0.0000724	0.0913	0.00000203	0.00011	0.000359	0.00135	0.0000189
2078 Feb	92.5	0.0833	0.0306	0.00148	16.1	0.0422	17.1	0.00102	0.000987	0.00000499	0.0075	0.00118	0.0199	0.0178	0.00000503	18.2	0.0000164	0.000253	0.000184	0.00103	0.0491	0.00000999	1.33	3.16	0.0236	0.000555	6.22	0.00203	0.0496	0.000125	0.000117	0.0000725	0.0913	0.00000204	0.00011	0.00036	0.00135	0.000019
2078 Mar	92.7	0.0833	0.0307	0.00148	16.1	0.0422	17.2	0.00102	0.000987	0.00000499	0.0075	0.00118	0.0199	0.0178	0.00000503	18.2	0.0000164	0.000253	0.000184	0.00103	0.0491	0.00000999	1.33	3.17	0.0236	0.000555	6.23	0.00203	0.0496	0.000125	0.000117	0.0000726	0.0914	0.00000204	0.00011	0.00036	0.00135	0.0000191
2078 Apr	93.5	0.084	0.031	0.0015	16.2	0.0425	17.3	0.00103	0.000995	0.00000503	0.00756	0.00119	0.0201	0.0179	0.00000507	18.4	0.0000165	0.000255	0.000185	0.00104	0.0495	0.0000101	1.34	3.2	0.0238	0.000559	6.28	0.00205	0.05	0.000126	0.000118	0.0000732	0.0922	0.00000205	0.000111	0.000363	0.00136	0.0000192
2078 May	125	0.0745	0.0479	0.00173	20.5	0.0369	24.4	0.00103	0.000979	0.00000498	0.00696	0.00141	0.0235	0.0249	0.00000504	24.5	0.0000192	0.000344	0.000345	0.00117	0.0686	0.00000997	1.7	4.65	0.055	0.000505	8.19	0.00277	0.0482	0.000402	0.0002	0.00011	0.129	0.00000205	0.000126	0.000704	0.00157	0.000029
2078 Jun	144	0.0518	0.0627	0.00205	20.2	0.034	31.1	0.00103	0.000957	0.0000049	0.00662	0.0013	0.0286	0.0206	0.00000499	22.2	0.0000214	0.000343	0.000298	0.0011	0.0592	0.00000978	1.64	4.96	0.0498	0.000473	8.66	0.00328	0.0418	0.000343	0.000265	0.000116	0.12	0.00000205	0.00014	0.000705	0.00177	0.0000422
2078 Jul	128	0.0446	0.0537	0.00194	18.2	0.0354	26.6	0.00108	0.00102	0.00000521	0.00687	0.0013	0.0259	0.0196	0.00000529	20.6	0.0000207	0.000315	0.000264	0.00108	0.0584	0.0000104	1.56	4.39	0.0431	0.00043	7.85	0.00295	0.0448	0.000298	0.000251	0.000105	0.11	0.00000216	0.000128	0.000638	0.00183	0.0000354
2078 Aug	96.8	0.0369	0.0368	0.00164	15.1	0.0383	18.5	0.00108	0.00104	0.00000527	0.00638	0.00125	0.0204	0.0181	0.00000532	17.9	0.0000153	0.000255	0.000209	0.00101	0.0542	0.0000105	1.38	3.37	0.0317	0.000387	6.42	0.00227	0.0457	0.000221	0.000181	0.0000858	0.0938	0.00000215	0.000103	0.000445	0.00162	0.000023
2078 Sep	81.3	0.0484	0.0269	0.00144	14.2	0.0408	14	0.00107	0.00104	0.00000524	0.00655	0.00121	0.0181	0.0176	0.00000528	17.1	0.0000132	0.00024	0.000178	0.000968	0.0499	0.0000105	1.31	2.83	0.0247	0.000431	5.71	0.00188	0.0469	0.000155	0.000129	0.0000746	0.087	0.00000213	0.000935	0.000339	0.00147	0.0000156
2078 Oct	71.5	0.0674	0.02	0.0013	13.7	0.0417	11.2	0.00104	0.00102	0.00000513	0.00709	0.00117	0.016	0.0173	0.00000515	16.6	0.0000136	0.000226	0.000162	0.000967	0.0486	0.0000103	1.24	2.5	0.0199	0.000473	5.24	0.0016	0.0498	0.000113	0.000095	0.0000635	0.0825	0.00000207	0.0000908	0.000293	0.00135	0.0000107
2078 Nov	69.4	0.0722	0.0184	0.00127	13.7	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00116	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.14	0.00153	0.0506	0.000103	0.0000871	0.000061	0.0816	0.00000207	0.0000904	0.000283	0.00132	0.00000959
2078 Dec	69.4	0.0722	0.0184	0.00127	13.7	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00117	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.14	0.00153	0.0506	0.000103	0.0000871	0.0000611	0.817	0.00000207	0.0000905	0.000283	0.00132	0.0000096
2079 Jan	69.4	0.0722	0.0184	0.00127	13.7	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00117	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.14	0.00153	0.0506	0.000103	0.0000871	0.0000611	0.817	0.00000207	0.0000905	0.000283	0.00132	0.0000096
2079 Feb	69.4	0.0722	0.0184	0.00127	13.7	0.0421	10.6	0.00103	0.00102	0.00000512	0.00724	0.00117	0.0155	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.00097	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.14	0.00153	0.0506	0.000103	0.0000871	0.0000611	0.817	0.00000207	0.0000905	0.000283	0.00132	0.0000096
2079 Mar	69.5	0.0723	0.0185	0.00127	13.7	0.0421	10.6	0.00104	0.00102	0.00000512	0.00725	0.00117	0.0156	0.0173	0.00000514	16.5	0.0000138	0.000223	0.000159	0.000971	0.0485	0.0000102	1.23	2.43	0.0188	0.000485	5.15	0.00153	0.0506	0.000103	0.0000872	0.0000611	0.817	0.00000207	0.0000905	0.000284	0.00132	0.00000961
2079 Apr	69.8	0.0726	0.0185	0.00127	13.7	0.0423	10.6	0.00104	0.00102	0.00000515	0.00728	0.00117	0.0156	0.0174	0.00000517	16.6	0.0000139	0.000224	0.00016	0.000976	0.0488	0.0000103	1.24	2.44	0.0189	0.000488	5.17	0.00154	0.0509	0.000104	0.0000876	0.0000614	0.821	0.00000208	0.000091	0.000285	0.00133	0.00000965
2079 May	72.2	0.0737	0.0191	0.00128	14.4	0.0417	10.6	0.00106	0.00104	0.00000523	0.00737	0.00123	0.0155	0.0192	0.00000525	17.9	0.0000145	0.000242	0.000192	0.00101	0.0536	0.0000104	1.31	2.62	0.0247	0.000479	5.4	0.00158	0.0522	0.000156	0.0000977	0.0000666	0.0894	0.00000211	0.0000916	0.000351	0.00138	0.00000924
2079 Jun	129	0.0448	0.055	0.00191	17.8	0.0325	27.9	0.00102	0.000952	0.00000487	0.00668	0.00121	0.0267	0.0182	0.00000495	19.8	0.0000213	0.000318	0.000253	0.00101	0.0538	0.00000974	1.5	4.41	0.0419	0.000431	7.65	0.003	0.0413	0.00028	0.000259	0.000104	0.107	0.00000202	0.00013	0.000644	0.00179	0.0000369
2079 Jul	95	0.0307	0.0373	0.00162	13.6	0.0316	18.5	0.00105	0.001	0.00000509	0.0068	0.00113	0.0206	0.0158	0.00000514	16.2	0.0000197	0.000261	0.000189	0.000911	0.0501	0.0000102	1.29	3.22	0.03	0.000326	5.9	0.00228	0.0439	0.000202	0.000229	0.0000815	0.0854	0.00000208	0.000102	0.000527	0.00184	0.0000237
2079 Aug	82	0.0286	0.0296	0.00151	12.7	0.0356	14.9	0.00108	0.00105	0.00000529	0.00659	0.00117	0.0181	0.016	0.00000533	15.6	0.0000163	0.000233	0.000171	0.000929	0.0505	0.0000106	1.25	2.82	0.0254	0.000325	5.45	0.00199	0.0459	0.000175	0.000186	0.0000747	0.0812	0.00000215	0.0000921	0.00042	0.00172	0.0000177
2079 Sep	67	0.0649	0.018	0.00126	12.8	0.04	10.3	0.00103	0.00101	0.00000509	0.00723	0.00113	0.0152	0.0164	0.00000511	15.6	0.0000147	0.000217	0.000149	0.000937	0.0474	0.0000102	1.19	2.33	0.0177	0.000445	4.88	0.00151	0.0498	0.0000978	0.000103	0.0000559	0.0774	0.00000205	0.0000879	0.000298	0.00139	0.0000094
2079 Oct	79.4	0.0826	0.0233	0.00135	14.6	0.0418	13.7	0.00101	0.000987	0.00000497	0.00752	0.00115	0.0174	0.0173	0.00000501	17.1	0.0000156	0.000235	0.000167	0.001	0.0485	0.00000996	1.26	2.75	0.0201	0.000527	5.53	0.00174	0.0507	0.000105	0.0000982	0.000064	0.0851	0.00000202	0.000102	0.000319	0.00131	0.0000137
2079 Nov	92.9	0.086	0.0304	0.00148	16	0.0424	17.5	0.00101	0.000978	0.00000495	0.00751	0.00119	0.0199	0.018	0.00000499	18.3	0.0000164	0.000254	0.000187	0.00104	0.0498	0.00000992	1.34	3.21	0.0239	0.000563	6.18	0.00205	0.05	0.000129	0.000114	0.0000724	0.0922	0.00000202	0.000113	0.000359	0.00132	0.0000191
2079 Dec	109	0.086	0.0391	0.00164	17.6	0.0427	22.1	0.00102	0.000971	0.00000493	0.00741	0.00122	0.0229	0.0186	0.00000499	19.6	0.0000173	0.000276	0.000209	0.00109	0.0513	0.00000989	1.43	3.75	0.0286	0.00059	6.93	0.00241	0.0487	0.000161	0.000137	0.0000831	0.1	0.00000202	0.000126	0.000411	0.00135	0.0000256
2080 Jan	111	0.0854	0.0404	0.00167	17.8	0.0427	22.7	0.00102	0.00097	0.00000493	0.00739	0.00123	0.0234	0.0187	0.00000499	19.8	0.0000174	0.000279	0.000213	0.00109	0.0515	0.00000989	1.44	3.82	0.0293	0.000592	7.03	0.00247	0.0484	0.000166	0.000141	0.0000847	0.101	0.00000202	0.000127	0.000419	0.00136	0.0000266
2080 Feb	112	0.0852	0.0408	0.00168	17.9	0.0427	22.9	0.00102	0.00097	0.00000493	0.00738	0.00123	0.0235	0.0187	0.00000499	19.8	0.0000174	0.00028	0.000214	0.0011	0.0516	0.00000989	1.45	3.85	0.0296	0.000593	7.07	0.00249	0.0483	0.000168	0.000143	0.0000852	0.102	0.00000203	0.000128	0.000422	0.00136	0.0000269
2080 Mar	112	0.0852	0.041	0.00168	17.9	0.0427	23	0.00102	0.00097	0.00000493	0.00738	0.00123	0.0236	0.0187	0.00000499	19.9	0.0000174	0.000281	0.000214	0.0011	0.0516	0.00000989	1.45	3.86	0.0297	0.000594	7.09	0.0025	0.0483	0.000169	0.000143	0.0000855	0.102	0.00000203	0.000128	0.000423	0.00137	0.0000271
2080 Apr	113	0.0854	0.0412	0.00169	18	0.0428	23.1	0.00102	0.000973	0.00000494	0.0074	0.00124	0.0237	0.0188	0.00000501	19.9	0.0000175	0.000282	0.000215	0.0011	0.0518	0.00000992	1.45	3.87	0.0298	0.000596	7.11	0.00251	0.0484	0.00017	0.000144	0.0000858	0.102	0.00000203	0.000129	0.000425	0.00137	0.0000272
2080 May	115	0.0869	0.0417	0.00171	18.4	0.0434	23.4	0.00104	0.000993	0.00000504	0.00754	0.00127	0.0239	0.0195	0.00000511	20.5	0.0000179	0.00029	0.000226	0.00113	0.0538	0.0000101	1.49	3.96	0.0316	0.000602	7.26	0.00255	0.0496	0.000185	0.000148	0.0000882	0.105	0.00000207	0.000131	0.000447	0.00141	0.0000273
2080 Jun	125	0.0497	0.052	0.00188	17.4	0.0341	26.8	0.00103	0.000965	0.00000492	0.00689	0.00121	0.0262	0.0178	0.00000505	19.4	0.0000211	0.000311	0.000237	0.00102	0.0525	0.00000987	1.48	4.24	0.0383	0.000453	7.39	0.0029	0.0426	0.000247	0.000243	0.0000996	0.104	0.00000204	0.00013	0.0006	0.00176	0.0000349
2080 Jul	101	0.0325	0.0403	0.00168	14.4	0.0339	20.4	0.00105	0.000997	0.00000506	0.00652	0.00117	0.0216	0.0163	0.00000512	16.8	0.0000182	0.000261	0.000197	0.000956	0.0509	0.0000101	1.33	3.44	0.0309	0.000358	6.24	0.00241	0.0434	0.000209	0.000217	0.0000853	0.0892	0.00000208	0.000108	0.000499	0.00174	0.00026
2080 Aug	78.5	0.03	0.0274	0.00145	12.6	0.0377	14.2	0.00106	0.00103	0.00000517	0.00615	0.00117	0.0175	0.016	0.00000521	15.4	0.0000134	0.00022	0.000163	0.000928	0.0488	0.0000103	1.23	2.72	0.0233	0.000346	5.33	0.00189	0.0448	0.000158	0.000154	0.0000724	0.0799	0.0000021	0.0000895	0.000345	0.00155	0.0000163
2080 Sep	71.2	0.054	0.0209	0.00131	13.1	0.0411	11.6	0.00103	0.00101	0.00000507	0.00654	0.00115	0.0165	0.0163	0.00000509	15.9	0.0000121	0.000221	0.00015	0.000921	0.0456	0.0000101	1.22	2.45	0.0189	0.000445	5.09	0.00163	0.0465	0.000104	0.0000995	0.0000652	0.0793	0.00000205	0.0000879	0.000265	0.00134	0.0000115
2080 Oct	79.3	0.0756	0.0237	0.00136	14.5	0.0423	13.7	0.00102	0.000991	0.00000499	0.00717	0.00116	0.0176	0.0172	0.00000503	17	0.0000142	0.000235	0.000164	0.000986	0.0474	0.00001	1.26	2.74	0.0201	0.000519	5.51	0.00175	0.0491	0.000105	0.0000951	0.0000659	0.0849	0.00000203	0.0000999	0.000296	0.00129	0.0000138
2080 Nov	90.8	0.0829	0.0294	0.00146	15.8	0.0427	17	0.00101	0.00098	0.00000495	0.00735	0.00119	0.0197	0.0178	0.00000499	18.1	0.0000155	0.000252	0.000182	0.00103	0.0489	0.00000992	1.33	3.13	0.0231	0.000558	6.06	0.002	0.0493	0.000123	0.000108	0.0000719	0.091	0.00000202	0.000111	0.000338	0.0013	0.0000182
2080 Dec	94.9	0.0827	0.0316	0.0015	16.2	0.0428	18.1	0.00102	0.000978	0.00000495	0.00733	0.00119	0.0204	0.0179	0.000005	18.4	0.0000158	0.000258	0.000187	0.00104	0.0493	0.00000992	1.35	3.26	0.0243	0.000564	6.24	0.0021	0.049	0.000131	0.000115	0.0000747	0.093	0.00000202	0.000114	0.000352	0.00131	0.0000199
2081 Jan	95.8	0.0825	0.0321	0.00151	16.2	0.0428	18.4	0.00102	0.000978	0.00000495	0.00732	0.0012	0.0206	0.018	0.000005	18.5	0.0000159	0.000259	0.000189	0.00104	0.0494	0.00000992	1.36	3.29	0.0246	0.000565	6.28	0.00212	0.0489	0.000133	0.000116	0.0000753	0.0934	0.00000202	0.000115	0.000355	0.00132	0.0000203
2081 Feb	96.2	0.0825	0.0324	0.00152	16.3	0.0428	18.5	0.00102	0.000978	0.00000495	0.00732	0.0012	0.0207	0.018	0.000005	18.5	0.0000159	0.000259	0.000189	0.00105	0.0495	0.00000992	1.36	3.31	0.0247	0.000565	6.31	0.00213	0.0489	0.000134	0.000117	0.0000756	0.0937	0.00000202	0.000115	0.000357	0.00132	0.0000205
2081 Mar	96.4	0.0825	0.0325	0.00152	16.3	0.0428	18.6	0.00102	0.000978	0.00000495	0.00732	0.0012	0.0207	0.018	0.000005	18.5	0.0000159	0.00026	0.00019	0.00105	0.0495	0.00000993	1.36	3.32	0.0248	0.000566	6.32	0.00213	0.0489	0.000134	0.000117	0.0000758	0.0938	0.00000202	0.000116	0.000358	0.00132	0.0000206
2081 Apr	97	0.083	0.0326	0.00153	16.4	0.0429	18.6	0.00102	0.000983	0.00000498	0.00735	0.00121	0.0208	0.0182	0.00000502	18.7	0.0000161	0.000262	0.000193	0.00105	0.0501	0.00000998	1.37	3.34	0.0253	0.000568	6.36	0.00215	0.0492	0.000137	0.000118	0.0000763	0.0948	0.00000203	0.000116	0.000364	0.00132	0.0000206
2081 May	121	0.0748	0.0444	0.00166	20.3	0.0359	22.7	0.00103	0.000981	0.00000498	0.00692	0.00146	0.0221	0.0264	0.00000504	25.3	0.000019	0.000358	0.00037	0.00118	0.0728	0.00000999	1.75	4.61	0.0594	0.000486	7.95	0.00266	0.0493	0.000439	0.000197	0.00011	0.134	0.00000204	0.000124	0.000743	0.00157	0.0000255
2081 Jun	146	0.053	0.0628	0.00207	20.3	0.0343	31.8	0.00104	0.000959	0.00000492	0.00663	0.00134	0.0291	0.0213	0.00000502	22.9	0.0000215	0.000361	0.000311	0.00112	0.0609	0.00000984	1.69	5.08	0.0521	0.000485	8.6	0.00334	0.0421	0.000361	0.000268	0.000119	0.124	0.00000205	0.000145	0.000725	0.00177	0.0000419
2081 Jul	145	0.0505	0.0616	0.00212	19.9	0.0363	31.2	0.00112	0.00103	0.00000529	0.00714	0.00137	0.0294	0.0208	0.00000539	22.4	0.0000226	0.00036	0.000292	0.00114	0.0609	0.0000106	1.7	4.96	0.0486	0.000485	8.5	0.00334	0.0451	0.00033	0.000278	0.00011	0.121	0.00000222	0.000146	0.00071	0.00191	0.0000411
2081 Aug	142	0.0514	0.059	0.00212	20	0.0391	30	0.00117	0.00109	0.00000558	0.00737	0.00142	0.0291	0.0214	0.00000567	22.7	0.0000219	0.000359	0.000288	0.00117	0.0622	0.0000112	1.72	4.86	0.0471	0.000499	8.47	0.00327	0.0476	0.000319	0.000267	0.000117	0.122	0.00000231	0.000145	0.000682	0.00194	0.000039
2081 Sep	105	0.0625	0.0381	0.00169	16.9	0.0414	20	0.00111	0.00106	0.00000538	0.00727	0.00129	0.0227	0.0194	0.00000543	19.8	0.0000172	0.000297	0.000221	0.00106	0.0541	0.0000108	1.49	3.62	0.0325	0.00051	6.78	0.00239	0.0487	0.000201	0.000171	0.0000898	0.102	0.0000022	0.000118	0.000467	0.00162	0.0000237
2081 Oct	92.5	0.074	0.0303	0.00153	16	0.0422	16.5	0.00108	0.00105	0.00000528	0.00755	0.00125	0.0201	0.0189	0.00000532	18.9	0.0000167	0.000274	0.000199	0.00104	0.0524	0.0000106	1.4	3.19	0.0271	0.000526	6.2	0.00206	0.0507	0.000158	0.000135	0.0000781	0.0956	0.00000215	0.00011	0.000403	0.00149	0.0000182
2081 Nov	76.9	0.0866	0.0211	0.00132	14.8	0.0427	12.4	0.00104	0.00102	0.00000512	0.00779	0.00119	0.0169

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2084 Dec	82.6	0.0839	0.0249	0.00139	14.9	0.0425	14.8	0.00102	0.000987	0.00000498	0.0075	0.00118	0.0184	0.0176	0.00000502	17.6	0.0000156	0.000252	0.000172	0.00101	0.0484	0.00000999	1.3	2.87	0.0211	0.00055	5.59	0.00183	0.0503	0.000108	0.0000995	0.0000675	0.0879	0.00000202	0.000108	0.000322	0.0013	0.0000145
2085 Jan	83.1	0.0838	0.0252	0.00139	14.9	0.0425	14.9	0.00102	0.000986	0.00000498	0.0075	0.00118	0.0185	0.0176	0.00000502	17.6	0.0000156	0.000253	0.000173	0.00101	0.0484	0.00000999	1.31	2.89	0.0212	0.000551	5.61	0.00184	0.0502	0.000109	0.0001	0.0000678	0.0882	0.00000202	0.000108	0.000324	0.0013	0.0000147
2085 Feb	83.3	0.0838	0.0253	0.00139	14.9	0.0425	15	0.00102	0.000986	0.00000498	0.0075	0.00118	0.0186	0.0176	0.00000502	17.7	0.0000156	0.000253	0.000173	0.00101	0.0484	0.00000999	1.31	2.9	0.0213	0.000551	5.62	0.00185	0.0502	0.000109	0.0001001	0.0000668	0.0883	0.00000202	0.000108	0.000325	0.0013	0.0000148
2085 Mar	83.4	0.0839	0.0253	0.00139	15	0.0425	15	0.00102	0.000987	0.00000498	0.0075	0.00118	0.0186	0.0176	0.00000502	17.7	0.0000156	0.000253	0.000173	0.00101	0.0485	0.00000999	1.31	2.9	0.0213	0.000551	5.62	0.00185	0.0502	0.000109	0.0001001	0.0000668	0.0883	0.00000202	0.000109	0.000325	0.0013	0.0000148
2085 Apr	83.7	0.0842	0.0254	0.0014	15	0.0427	15.1	0.00103	0.000991	0.000005	0.00753	0.00119	0.0186	0.0177	0.00000504	17.7	0.0000157	0.000254	0.000174	0.00102	0.0487	0.00001	1.31	2.91	0.0214	0.000554	5.65	0.00186	0.0504	0.00011	0.0001001	0.0000683	0.0887	0.00000203	0.000109	0.000326	0.00131	0.0000149
2085 May	109	0.0746	0.0373	0.00151	19.1	0.0347	19.1	0.00103	0.000986	0.00000499	0.00702	0.00147	0.0197	0.0269	0.00000504	25	0.0000189	0.00036	0.000373	0.00116	0.0743	0.00001	1.73	4.29	0.0596	0.000457	7.29	0.0024	0.0506	0.000456	0.000188	0.0001007	0.132	0.00000203	0.000117	0.000749	0.00157	0.0000191
2085 Jun	136	0.052	0.0559	0.00193	19.2	0.033	29	0.00106	0.000971	0.00000496	0.00676	0.0014	0.0273	0.0227	0.00000506	23.5	0.0000218	0.000381	0.000332	0.00112	0.0652	0.00001	1.73	4.94	0.0559	0.000456	7.95	0.00317	0.0441	0.0000402	0.000268	0.0000119	0.127	0.00000206	0.000142	0.000771	0.00181	0.0000347
2085 Jul	115	0.0428	0.0451	0.00177	16.8	0.0345	23.4	0.00109	0.00102	0.0000052	0.00677	0.00136	0.0235	0.0212	0.00000528	21.1	0.0000198	0.000332	0.000285	0.00108	0.0628	0.0000105	1.59	4.19	0.0466	0.000401	7.02	0.00273	0.0463	0.00034	0.000239	0.0001004	0.113	0.00000214	0.000124	0.000659	0.0018	0.0000271
2085 Aug	84.5	0.0379	0.0289	0.00147	14	0.038	15.3	0.00107	0.00102	0.00000517	0.00622	0.00126	0.0184	0.0186	0.00000522	17.8	0.0000138	0.000261	0.00021	0.000978	0.0541	0.0000104	1.36	3.07	0.0316	0.000382	5.67	0.00201	0.0457	0.000223	0.000157	0.0000822	0.0927	0.00000021	0.0000971	0.000421	0.00154	0.000016
2085 Sep	75.8	0.0671	0.0219	0.00132	14	0.0415	12.8	0.00102	0.000995	0.00000501	0.00688	0.00118	0.0172	0.0176	0.00000504	17.2	0.0000133	0.000243	0.000172	0.000967	0.0483	0.0000101	1.28	2.69	0.0222	0.000491	5.28	0.00172	0.0481	0.000126	0.0000982	0.0000683	0.086	0.00000203	0.0000968	0.000307	0.00131	0.0000117
2085 Oct	107	0.0794	0.0379	0.00163	16.8	0.0427	22.4	0.00103	0.000967	0.00000491	0.00718	0.00124	0.0235	0.0185	0.00000498	19.6	0.0000166	0.000291	0.000208	0.00108	0.0506	0.00000993	1.45	3.76	0.029	0.000586	6.57	0.00245	0.0475	0.000163	0.00014	0.0000858	0.1	0.00000201	0.000129	0.000404	0.00136	0.0000238
2085 Nov	132	0.0787	0.0516	0.00191	18.9	0.043	30.2	0.00104	0.000954	0.00000488	0.00709	0.00131	0.0288	0.0192	0.00000498	21.4	0.0000184	0.000331	0.00024	0.00115	0.0526	0.00000993	1.59	4.63	0.0361	0.000632	7.62	0.00308	0.0455	0.000209	0.000183	0.0001003	0.113	0.00000202	0.000153	0.00049	0.00143	0.000034
2085 Dec	134	0.0783	0.0526	0.00193	19	0.0431	30.7	0.00104	0.000954	0.00000488	0.00708	0.00131	0.0292	0.0193	0.00000498	21.6	0.0000185	0.000334	0.000243	0.00115	0.0528	0.00000993	1.6	4.7	0.0366	0.000635	7.69	0.00312	0.0453	0.000213	0.000187	0.0001004	0.113	0.00000203	0.000154	0.000496	0.00144	0.0000347
2086 Jan	135	0.0781	0.0529	0.00193	19.1	0.0431	30.9	0.00105	0.000954	0.00000488	0.00707	0.00131	0.0293	0.0193	0.00000499	21.6	0.0000185	0.000335	0.000244	0.00115	0.0529	0.00000993	1.61	4.72	0.0368	0.000635	7.72	0.00314	0.0453	0.000214	0.000188	0.0001005	0.114	0.00000203	0.000155	0.000499	0.00144	0.000035
2086 Feb	135	0.0781	0.0531	0.00194	19.1	0.0431	31	0.00105	0.000954	0.00000488	0.00707	0.00131	0.0294	0.0193	0.00000499	21.6	0.0000186	0.000336	0.000244	0.00115	0.0529	0.00000994	1.61	4.73	0.0369	0.000636	7.73	0.00315	0.0452	0.000215	0.000189	0.0001005	0.114	0.00000203	0.000155	0.0005	0.00144	0.0000351
2086 Mar	135	0.0781	0.0532	0.00194	19.1	0.0431	31.1	0.00105	0.000954	0.00000488	0.00707	0.00131	0.0294	0.0193	0.00000499	21.7	0.0000186	0.000336	0.000244	0.00116	0.0529	0.00000994	1.61	4.74	0.037	0.000636	7.74	0.00315	0.0453	0.000215	0.000189	0.0001005	0.114	0.00000203	0.000155	0.000501	0.00144	0.0000352
2086 Apr	136	0.0785	0.0536	0.00195	19.2	0.0433	31.3	0.00105	0.00096	0.00000491	0.00711	0.00132	0.0296	0.0194	0.00000502	21.8	0.0000187	0.000338	0.000246	0.00116	0.0532	0.00001	1.62	4.76	0.0372	0.00064	7.79	0.00317	0.0455	0.000216	0.00019	0.0001006	0.115	0.00000204	0.000156	0.000504	0.00145	0.0000354
2086 May	134	0.0771	0.0516	0.00187	20.1	0.0403	29.1	0.00106	0.000978	0.00000499	0.0071	0.00143	0.0275	0.0232	0.00000509	24.2	0.0000195	0.000366	0.000316	0.0012	0.0639	0.0000101	1.74	4.94	0.0501	0.000585	8.01	0.0031	0.0476	0.000341	0.000206	0.0001014	0.128	0.00000206	0.000149	0.000646	0.00154	0.0000319
2086 Jun	137	0.0466	0.0587	0.00202	17.9	0.0343	31.5	0.00106	0.000954	0.00000489	0.00671	0.0013	0.0297	0.0189	0.000005	21	0.0000217	0.000363	0.000267	0.00107	0.0551	0.00000991	1.62	4.81	0.0448	0.000483	7.63	0.00329	0.0413	0.000294	0.000271	0.0001014	0.114	0.00000203	0.00015	0.000664	0.0018	0.0000381
2086 Jul	110	0.0353	0.0445	0.00181	14.8	0.0343	23.4	0.0011	0.00103	0.00000523	0.007	0.00124	0.0245	0.017	0.00000531	18	0.0000207	0.00031	0.000212	0.000994	0.0526	0.0000105	1.44	3.79	0.0342	0.000395	6.38	0.00268	0.0447	0.000224	0.000248	0.0000943	0.0963	0.00000215	0.000125	0.000566	0.00188	0.0000279
2086 Aug	83.9	0.0329	0.0299	0.00153	13	0.038	15.9	0.00109	0.00104	0.00000526	0.00646	0.00121	0.0194	0.0164	0.00000531	16.2	0.0000149	0.000253	0.000172	0.000947	0.0494	0.0000106	1.3	2.93	0.0252	0.000378	5.42	0.00205	0.0454	0.000164	0.00017	0.0000781	0.0845	0.00000214	0.0001	0.000384	0.00162	0.0000173
2086 Sep	67.6	0.0565	0.0185	0.00127	12.8	0.0415	10.8	0.00104	0.00101	0.00000509	0.00666	0.00115	0.0164	0.0163	0.00000511	15.8	0.000012	0.00023	0.000144	0.000909	0.0446	0.0000102	1.22	2.35	0.0177	0.00046	4.83	0.00156	0.0468	0.0000894	0.0000925	0.0000639	0.0786	0.00000205	0.0000884	0.000252	0.00134	0.00000928
2086 Oct	73.7	0.0715	0.0207	0.00131	13.7	0.0425	12.5	0.00103	0.001	0.00000504	0.00711	0.00117	0.0173	0.0169	0.00000508	16.7	0.0000136	0.00024	0.000156	0.000962	0.0463	0.0000101	1.26	2.58	0.0187	0.000512	5.14	0.00167	0.0489	0.0000925	0.0000911	0.0000649	0.0829	0.00000204	0.000098	0.000276	0.0013	0.000011
2086 Nov	74.3	0.0719	0.0209	0.00132	13.8	0.0427	12.6	0.00104	0.001	0.00000506	0.00714	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000241	0.000157	0.000967	0.0465	0.0000102	1.26	2.6	0.0189	0.000515	5.17	0.00168	0.0491	0.0000933	0.0000917	0.0000653	0.0833	0.00000205	0.0000987	0.000278	0.00131	0.0000112
2086 Dec	74.3	0.072	0.021	0.00132	13.8	0.0427	12.6	0.00104	0.00101	0.00000506	0.00714	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000241	0.000157	0.000967	0.0465	0.0000102	1.26	2.6	0.0189	0.000515	5.17	0.00168	0.0491	0.0000934	0.0000917	0.0000653	0.0834	0.00000205	0.0000987	0.000278	0.00131	0.0000112
2087 Jan	74.3	0.072	0.021	0.00132	13.8	0.0427	12.6	0.00104	0.00101	0.00000506	0.00714	0.00117	0.0174	0.017	0.00000509	16.8	0.0000137	0.000241	0.000157	0.000967	0.0465	0.0000102	1.26	2.6	0.0189	0.000515	5.17	0.00168	0.0491	0.0000934	0.0000917	0.0000653	0.0834	0.00000205	0.0000987	0.000278	0.00131	0.0000112
2087 Feb	74.4	0.072	0.021	0.00132	13.8	0.0427	12.6	0.00104	0.00101	0.00000506	0.00715	0.00117	0.0174	0.017	0.00000514	16.8	0.0000137	0.000241	0.000157	0.000968	0.0465	0.0000102	1.26	2.6	0.0189	0.000515	5.18	0.00168	0.0491	0.0000934	0.0000918	0.0000653	0.0834	0.00000205	0.0000988	0.000278	0.00131	0.0000112
2087 Mar	74.4	0.0721	0.021	0.00132	13.8	0.0428	12.6	0.00104	0.00101	0.00000507	0.00716	0.00117	0.0174	0.017	0.00000514	16.8	0.0000137	0.000242	0.000157	0.000969	0.0466	0.0000102	1.27	2.6	0.0189	0.000516	5.18	0.00169	0.0492	0.0000935	0.0000919	0.0000654	0.0835	0.00000205	0.0000989	0.000279	0.00131	0.0000112
2087 Apr	74.7	0.0723	0.0211	0.00133	13.9	0.0429	12.7	0.00104	0.00101	0.00000509	0.00718	0.00118	0.0175	0.0171	0.00000512	16.9	0.0000137	0.000242	0.000157	0.000972	0.0467	0.0000102	1.27	2.61	0.019	0.000517	5.2	0.00169	0.0493	0.0000938	0.0000922	0.0000656	0.0837	0.00000206	0.0000992	0.000279	0.00132	0.0000112
2087 May	96.8	0.0707	0.0325	0.00151	16.5	0.0401	18.1	0.00105	0.001	0.00000507	0.00703	0.00132	0.0204	0.0211	0.00000512	20.6	0.0000161	0.000305	0.00025	0.00107	0.0578	0.0000102	1.5	3.57	0.037	0.00051	6.36	0.0022	0.0489	0.000248	0.000145	0.0000884	0.107	0.00000206	0.000115	0.000485	0.00145	0.000018
2087 Jun	121	0.0449	0.0496	0.00182	16.9	0.0314	25.7	0.00106	0.000972	0.00000496	0.00685	0.00132	0.0254	0.0205	0.00000504	21.1	0.0000219	0.00036	0.000288	0.00104	0.0601	0.00001	1.6	4.39	0.0484	0.000414	7.06	0.0029	0.0437	0.000342	0.000264	0.000108	0.114	0.00000204	0.0001133	0.000715	0.00185	0.0000299
2087 Jul	90.7	0.0318	0.0339	0.00156	13.4	0.0325	17.4	0.00107	0.00102	0.00000514	0.00669	0.00123	0.0196	0.0179	0.00000512	17.5	0.0000187	0.000284	0.00022	0.000959	0.0557	0.0000103	1.37	3.28	0.0351	0.000327	5.66	0.00222	0.0456	0.000254	0.000219	0.0000855	0.0929	0.0000021	0.000105	0.000551	0.00179	0.0000191
2087 Aug	83.3	0.0309	0.0293	0.00151	13	0.0359	15.2	0.00111	0.00106	0.00000536	0.00666	0.00126	0.0183	0.018	0.00000554	17.1	0.0000166	0.000264	0.000205	0.000977	0.0556	0.0000108	1.35	3.03	0.0313	0.000334	5.46	0.00205	0.0475	0.000227	0.000192	0.0000811	0.0899	0.00000218	0.0000986	0.000475	0.00174	0.0000159
2087 Sep	76.5	0.0484	0.0239	0.00141	13.2	0.0386	12.9	0.0011	0.00106	0.00000536	0.00709	0.00124	0.0171	0.018	0.00000539	17	0.000016	0.000253	0.000188	0.000986	0.0539	0.0000108	1.32	2.77	0.0265	0.000394	5.25	0.00183	0.05	0.00018	0.000153	0.0000773	0.0873	0.00000217	0.0000962	0.000409	0.00161	0.000122
2087 Oct	68.7	0.067	0.0182	0.00128	13	0.0403	10.6	0.00106	0.00104	0.00000522	0.00747	0.0012	0.0154	0.0177	0.00000525	16.6	0.0000156	0.000236	0.00017	0.000982	0.0516	0.0000105	1.26	2.47	0.0214	0.000448	4.95	0.00157	0.052	0.000131	0.000113	0.0000629	0.083	0.00000211	0.000093	0.000345	0.00145	0.00000857
2087 Nov	66	0.0733	0.0163	0.00124	13	0.0409	9.77	0.00105	0.00103	0.00000518	0.0076	0.00118	0.0148	0.0176	0.00000502	16.5	0.0000155	0.00023	0.000164	0.000981	0.0508	0.0000104	1.23	2.38	0.0196	0.000466	4.85	0.00149	0.0526	0.000115	0.0000995	0.0000595	0.0816	0.00000209	0.0000919	0.00323	0.0014	0.0000733
2087 Dec	66	0.0734	0.0163	0.00124	13	0.0409	9.78	0.00105	0.00103	0.00000518	0.0076	0.00118	0.0148	0.0176	0.00000502	16.5	0.0000155	0.00023	0.000164	0.000981	0.0508	0.0000104	1.23	2.38	0.0196	0.000466	4.85	0.00149	0.0527	0.000115	0.0000995	0.0000595	0.0816	0.00000209	0.00009192	0.00323	0.0014	0.0000733
2088 Jan	66	0.0734	0.0163	0.00124	13	0.0409	9.78	0.00105	0.00103	0.00000518	0.0076	0.00118	0.0148	0.0176	0.0000052	16.5	0.0000155	0.00023	0.000164	0.000982	0.0508	0.0000104	1.24	2.38	0.0196	0.000466	4.85	0.00149	0.0527	0.000115	0.0000995	0.0000595	0.0817	0.00000209	0.00009192	0.00323	0.0014	0.0000734
2088 Feb	66	0.0734	0.0163	0.00124	13	0.0409	9.78	0.00105	0.00103	0.00000518	0.0076	0.00118	0.0148	0.0176	0.00000521	16.5	0.0000155	0.00023	0.000164	0.000982	0.0508	0.0000104	1.24	2.38	0.0196	0.000466	4.85	0.00149	0.0527	0.000115	0.0000996	0.0000596	0.0817	0.00000209	0.00009192	0.00323	0.0014	0.0000734
2088 Mar	66.1	0.0735	0.0163	0.00124	13	0.041	9.79	0.00105	0.00103	0.00000519	0.00761	0.00118	0.0149	0.0176	0.00000521	16.5	0.0000156	0.000231	0.000164	0.000983	0.0509	0.0000104	1.24	2.38	0.0197	0.000467	4.86	0.00149	0.0527	0.000115	0.0000997	0.0000596	0.0818	0.00000209	0.00009192	0.00323	0.0014	0.0000735
2088 Apr	66.9	0.0743	0.0165	0.00126	13.2	0.0414	9.9	0.00107	0.00104	0.00000525	0.0077	0.0012	0.015	0.0178	0.00000527	16.7	0.0000157	0.000233	0.000167	0.000994	0.0515	0.0000105	1.25	2.41	0.0199	0.000472	4.91	0.00151	0.0533	0.000117	0.0001001	0.0000603	0.0827	0.00000211	0.0000932	0.00328	0.00142	0.0000743
2088 May	70.6	0.0774	0.0175	0.00128	14.2	0.0417	10.2	0.00109	0.00107	0.00000537	0.00783	0.00127	0.0151	0.0198	0.00000539	18.3	0.0000163	0.000253	0.000201	0.00104	0.0568	0.0000108	1.34	2.63	0.0259	0.000476	5.24	0.00157	0.0551	0.000148	0.000108	0.0000641	0.0913	0.00000216	0.0000954	0.000389	0.00146	0.0000735
2088 Jun	100	0.0378	0.039	0.00164	13.8	0.0305	20.8	0.00104	0.000974	0.00000495	0.00701	0.00117	0.0225	0.0167	0.00000502	17.4	0.0000215	0.000308	0.000213	0.000923	0.0513	0.00001	1.37	3.54	0.0347	0.000367	5.79	0.00246	0.0436	0.000228	0.000245	0.0000885	0.0927	0.00000203	0.000116	0.000595	0.00186	0.0000231
2088 Jul	94.7	0.0302	0.0363	0.00164	12.7	0.0305	19.1	0.00109	0.00103	0.00000523	0.00735	0.00116	0.0219	0.0158	0.0000053	16.4	0.0000225	0.000298	0.00019	0.000905	0.0505	0.0000106	1.33	3.28	0.0309	0.000332	5.46	0.00237	0.0453	0.000201	0.000259	0.0000846	0.0868	0.00000214	0.000111	0.000586	0.00201	0.0000212
2088 Aug	93.6	0.0328	0.0344	0.00166	13.2	0.0342	18.2	0.00116	0.0011	0.00000555	0.00758	0.00123	0.0219	0.0167	0.00000561	17	0.0000216	0.0003	0.00019	0.000952	0.0524	0.0000112	1.38	3.24	0.03	0.00036	5.59	0.00233	0.0481	0.000192	0.000244	0.0000855	0.0894	0.00000226	0.000111	0.000554	0.00202	0.0000196
2088 Sep	86.6	0.0427	0.0295	0.00157	13.2	0.0367	16	0.00115	0.0011	0.00000554	0.00763	0.00122	0.0205	0.0169	0.00000559	17	0.0000198	0.000286	0.00018	0.000955	0.0512	0.0000112	1.35	3	0.0267	0.000397	5.4	0.00212	0.0494	0.000163	0.000206	0.0000795	0.0874	0.00000225	0.000106	0.000485	0.00188	0.0000163
2088 Oct	64.5	0.0814	0.015	0.00121	12.8	0.0406	9.47	0.00104	0.00102	0.00000511	0.00796	0.00113	0.015	0.0167	0.00000513	16	0.0000167	0.000231	0.000147	0.000954	0.0477	0.0000103	1.2	2.26	0.0163	0.000494	4.66	0.00144	0.0529	0.0000775	0.0000959	0.0000553	0.0781	0.00000206	0.0000903	0.000311	0.0014	0.00000667
2088 Nov	61.2	0.0882	0.0126	0.00116	12.8	0.0415	8.44	0.00102	0.00101	0.00000507	0.00805	0.00112	0.0142	0.0167	0.00000508	15.9	0.0000162	0.000223	0.000143	0.000958	0.0473	0.0000102	1.18	2.15	0.0147	0.000512	4.56	0.00133	0.0538	0.0000638	0.0000781	0.0000516	0.077	0.00000204	0.0000913	0.000283	0.00133	0.0000512
2088 Dec	61.2	0.0883	0.0126	0.00116	12.8	0.0415	8.44	0.00103	0.00101	0.00000507	0.00805	0.00112	0.0142	0.0167	0.00000508	15.9	0.0000162	0.000223	0.000143	0.000959	0.0474	0.0000102	1.18	2.15	0.0147	0.000513	4.57	0.00133	0.0538	0.0000638	0.0000782	0.0000516	0.077	0.00000204	0.0000913	0.000284	0.00133	0.0000512
2089 Jan	61.2	0.0883	0.0126	0.00116	12.8	0.0415	8.45	0.00103	0.00101	0.00000507	0.00806	0.00112	0.0142	0.0167	0.00000509	15.9	0.0000162	0.000223	0.000143	0.000959	0.0474	0.0000102	1.18	2.16	0.0147	0.000513	4.57	0.00133	0.0538	0.0000638	0.0000782	0.0000516	0.077	0.00000204	0.0000913	0.000284	0.00133	0.0000512
2089 Feb	61.2	0.0883	0.0126	0.00116	12.8	0.0415	8.45	0.00103	0.00101	0.00000507	0.00806	0.00112	0.0142	0.0168	0.00000509	15.9	0.0000162	0.000223	0.000143	0.000959	0.0474	0.0000102	1.18	2.16	0.0147	0.000513	4.57	0.00133	0.0538	0.0000638	0.0000782	0.0000517	0.077	0.00000204	0.0000914	0.000284	0.00133	0.0000512
2089 Mar	61.3	0.0884	0.0126	0.00116	12.8	0.0416	8.46	0.00103	0.00101	0.00000508	0.00807	0.00113	0.0142	0.0168	0.00000509	15.9	0.0000162	0.000223	0.000143	0.000961	0.0475	0.0000102	1.18	2.16	0.0147	0.000514	4.58	0.00133	0.0539	0.0000639	0.0000783	0.0000517	0.0772	0.00000204	0.0000915	0.000284	0.00133	0.0000513
2089 Apr	61.8	0.0891	0.0127	0.00117	12.9	0.0419	8.52	0.00103	0.00102	0.00000511	0.00813	0.00113	0.0143	0.0169	0.00000513	16.1	0.0000164	0.000225	0.000144	0.000968	0.0478	0.0000103	1.19	2.17	0.0149	0.000517	4.61	0.00134	0.0543	0.0000644	0.0000789	0.0000521	0.0777	0.00000206	0.0000921	0.000286	0.00134	0.0000516
2089 May	94	0.0812	0.0295	0.00144	16.7	0.0386	16.6

Appendix D.2-29: A1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	33.7	0.00928	0.00513	0.000965	6.26	0.0195	2.22	0.000965	0.000965	0.00000482	0.0059	0.000912	0.0088	0.0118	0.00000482	9.83	0.0000103	0.000152	0.0000973	0.000652	0.0421	0.00000965	0.861	1.19	0.0099	0.000117	2.7	0.000942	0.0435	0.000027	0.0000321	0.0000405	0.0493	0.00000193	0.0000484	0.000197	0.00114	
Operation (2026-2036): Mean	46.1	0.0618	0.00658	0.00101	10.5	0.0361	3.99	0.00101	0.00101	0.00000507	0.00748	0.00108	0.0108	0.0161	0.00000507	14.3	0.0000155	0.000201	0.00014	0.000863	0.0482	0.0000101	1.08	1.69	0.0161	0.000367	3.82	0.00104	0.0516	0.0000984	0.0000979	0.0000473	0.0694	0.00000203	0.0000694	0.000315	0.00146	
Operation (2026-2036): Max	64.8	0.103	0.0148	0.00109	15.2	0.043	5.43	0.00109	0.00109	0.00000544	0.00825	0.00143	0.0115	0.0273	0.00000544	22.7	0.0000218	0.000325	0.000378	0.00103	0.0793	0.0000109	1.54	2.95	0.0627	0.000542	5.47	0.0014	0.0571	0.000529	0.000224	0.0000869	0.117	0.00000218	0.0000834	0.000883	0.00205	
2092 Jun	136	0.048	0.0592	0.00205	17.7	0.0353	32.6	0.00109	0.000954	0.0000049	0.00673	0.00137	0.0309	0.0196	0.00000502	21.8	0.0000218	0.000401	0.000278	0.0011	0.0565	0.00001	1.7	4.97	0.0471	0.000512	7.45	0.0034	0.0418	0.000308	0.000273	0.000119	0.119	0.00000204	0.000163	0.000678	0.00179	0.0000357
2092 Jul	95.8	0.0316	0.0381	0.00167	13	0.0324	20.3	0.00109	0.00101	0.00000513	0.00696	0.00121	0.0225	0.0163	0.0000052	16.9	0.0000206	0.00031	0.000198	0.000939	0.0512	0.0000104	1.38	3.42	0.0321	0.000361	5.57	0.00244	0.0445	0.000211	0.000241	0.000088	0.0906	0.0000021	0.000119	0.000552	0.00187	0.0000215
2092 Aug	90.1	0.0342	0.0338	0.00162	13.1	0.0359	18.1	0.00113	0.00105	0.00000534	0.007	0.00124	0.0216	0.0168	0.00000541	17	0.0000186	0.000299	0.000189	0.000955	0.0512	0.0000108	1.38	3.21	0.0293	0.000384	5.49	0.00227	0.0463	0.000188	0.000213	0.0000852	0.0899	0.00000218	0.000113	0.000487	0.00182	0.0000184
2092 Sep	75.9	0.0475	0.0243	0.00142	12.8	0.039	13.5	0.00109	0.00104	0.00000525	0.00695	0.00119	0.0186	0.0166	0.00000529	16.4	0.0000153	0.000266	0.000163	0.000925	0.0475	0.0000106	1.3	2.68	0.0227	0.000428	5.03	0.00185	0.0472	0.00013	0.000148	0.000073	0.0836	0.00000213	0.0000995	0.000363	0.00158	0.0000122
2092 Oct	71.1	0.0661	0.0201	0.00132	13	0.0406	11.9	0.00106	0.00102	0.00000514	0.00735	0.00117	0.0171	0.0168	0.00000518	16.4	0.0000153	0.000251	0.000157	0.000949	0.0474	0.0000103	1.26	2.53	0.0197	0.000478	4.91	0.00167	0.0497	0.000104	0.000114	0.0000652	0.0821	0.00000208	0.0000984	0.000323	0.00144	0.00000966
2092 Nov	72.4	0.0698	0.0205	0.00133	13.3	0.0411	12.3	0.00106	0.00102	0.00000513	0.00742	0.00118	0.0173	0.017	0.00000516	16.6	0.0000154	0.000253	0.000159	0.000962	0.0477	0.0000103	1.27	2.58	0.0198	0.000493	4.98	0.00169	0.0501	0.000103	0.000111	0.0000655	0.0832	0.00000207	0.000101	0.000323	0.00142	0.00000996
2092 Dec	72.6	0.0698	0.0206	0.00133	13.3	0.0411	12.4	0.00106	0.00102	0.00000513	0.00743	0.00118	0.0174	0.017	0.00000517	16.7	0.0000155	0.000254	0.00016	0.000963	0.0478	0.0000103	1.27	2.59	0.0199	0.000493	4.99	0.00169	0.0501	0.000103	0.000112	0.0000656	0.0833	0.00000207	0.000101	0.000323	0.00142	0.00001
2093 Jan	72.7	0.0698	0.0207	0.00133	13.3	0.0411	12.4	0.00106	0.00102	0.00000513	0.00743	0.00118	0.0174	0.017	0.00000517	16.7	0.0000155	0.000254	0.00016	0.000964	0.0478	0.0000103	1.27	2.59	0.0199	0.000494	4.99	0.0017	0.0501	0.000104	0.000112	0.0000657	0.0834	0.00000208	0.000101	0.000324	0.00142	0.0000101
2093 Feb	72.8	0.0699	0.0207	0.00133	13.3	0.0411	12.4	0.00106	0.00102	0.00000513	0.00743	0.00118	0.0174	0.017	0.00000517	16.7	0.0000155	0.000254	0.00016	0.000964	0.0478	0.0000103	1.27	2.59	0.0199	0.000494	5	0.0017	0.0501	0.000104	0.000112	0.0000658	0.0834	0.00000208	0.000101	0.000324	0.00142	0.0000101
2093 Mar	73.1	0.0701	0.0208	0.00134	13.3	0.0413	12.5	0.00106	0.00102	0.00000515	0.00745	0.00119	0.0175	0.017	0.00000519	16.8	0.0000155	0.000255	0.000161	0.000967	0.048	0.0000104	1.28	2.6	0.02	0.000496	5.02	0.00171	0.0503	0.000104	0.000112	0.000066	0.0837	0.00000208	0.000101	0.000325	0.00143	0.0000101
2093 Apr	73.6	0.0706	0.0209	0.00135	13.4	0.0416	12.6	0.00107	0.00103	0.00000519	0.00751	0.00119	0.0176	0.0172	0.00000522	16.9	0.0000156	0.000257	0.000162	0.000974	0.0483	0.0000104	1.29	2.62	0.0202	0.000499	5.05	0.00172	0.0507	0.000105	0.000113	0.0000665	0.0843	0.00000221	0.000102	0.000328	0.00144	0.0000102
2093 May	87.4	0.0707	0.0269	0.0014	15.9	0.0383	14.9	0.00108	0.00103	0.00000519	0.00736	0.00137	0.0183	0.0225	0.00000524	21.2	0.0000175	0.000318	0.000272	0.00107	0.0628	0.0000105	1.53	3.41	0.0408	0.000469	5.98	0.00202	0.0517	0.00029	0.000153	0.0000871	0.109	0.00000211	0.000109	0.000551	0.00155	0.000012
2093 Jun	136	0.0481	0.0579	0.00203	17.6	0.0353	32.6	0.0011	0.000963	0.00000494	0.00681	0.0014	0.0311	0.0202	0.00000507	22.3	0.0000221	0.000409	0.000289	0.00111	0.0584	0.0000102	1.73	5.05	0.0491	0.000513	7.4	0.00342	0.0426	0.000326	0.000278	0.000121	0.122	0.00000206	0.000164	0.000701	0.00181	0.0000341
2093 Jul	109	0.0366	0.0441	0.00181	14.7	0.0356	24.7	0.00112	0.00102	0.00000519	0.00687	0.00131	0.0256	0.018	0.00000528	19	0.0000201	0.000339	0.000229	0.00103	0.0549	0.0000106	1.52	4.02	0.0374	0.000424	6.24	0.00279	0.045	0.00025	0.000245	0.0001	0.102	0.00000213	0.000136	0.000576	0.00183	0.0000251
2093 Aug	92.2	0.0335	0.0344	0.00164	13.5	0.0385	19.3	0.00113	0.00105	0.00000533	0.00661	0.0013	0.0218	0.0176	0.0000054	17.7	0.0000164	0.000291	0.0002	0.00101	0.0536	0.0000108	1.42	3.4	0.0308	0.0004	5.68	0.00236	0.0465	0.000208	0.000196	0.0000882	0.0936	0.00000218	0.000117	0.000453	0.0017	0.0000187
2093 Sep	79.4	0.0539	0.0255	0.00145	13.3	0.0406	14.9	0.00109	0.00104	0.00000525	0.00704	0.00124	0.0189	0.0174	0.00000553	17.1	0.0000154	0.000264	0.000177	0.000996	0.051	0.0000106	1.33	2.9	0.0243	0.00045	5.26	0.00195	0.0491	0.00015	0.000142	0.0000745	0.0876	0.00000213	0.000106	0.000367	0.00152	0.000013
2093 Oct	96.8	0.0837	0.0326	0.00155	15.7	0.0433	20.5	0.00105	0.000977	0.00000495	0.00747	0.00127	0.0225	0.0184	0.00000502	19.2	0.0000169	0.000299	0.0002	0.00108	0.051	0.0000101	1.44	3.55	0.0269	0.000594	5.99	0.0023	0.0497	0.000147	0.00013	0.0000813	0.0984	0.00000202	0.000131	0.000386	0.00134	0.0000182
2093 Nov	120	0.0856	0.0451	0.00181	17.7	0.0445	28.1	0.00107	0.000967	0.00000493	0.00742	0.00135	0.0279	0.0196	0.00000504	21.5	0.0000184	0.000351	0.000235	0.00116	0.0535	0.0000102	1.61	4.43	0.0343	0.000659	6.94	0.00292	0.0482	0.000193	0.000166	0.0000994	0.112	0.00000204	0.000158	0.000465	0.00139	0.0000265
2093 Dec	122	0.0852	0.0463	0.00183	17.9	0.0446	28.7	0.00108	0.000967	0.00000493	0.0074	0.00136	0.0284	0.0197	0.00000504	21.6	0.0000185	0.000356	0.000238	0.00117	0.0537	0.0000102	1.62	4.51	0.035	0.000663	7.02	0.00297	0.048	0.000198	0.00017	0.0001101	0.113	0.00000204	0.00016	0.000473	0.0014	0.0000273
2094 Jan	123	0.085	0.0467	0.00184	17.9	0.0446	28.9	0.00108	0.000967	0.00000494	0.0074	0.00136	0.0286	0.0197	0.00000505	21.7	0.0000185	0.000357	0.000239	0.00117	0.0538	0.0000102	1.63	4.53	0.0352	0.000664	7.04	0.00299	0.048	0.000199	0.000171	0.0001102	0.114	0.00000204	0.00016	0.000475	0.00141	0.0000275
2094 Feb	123	0.085	0.0468	0.00184	17.9	0.0446	29	0.00108	0.000967	0.00000494	0.0074	0.00137	0.0286	0.0197	0.00000505	21.7	0.0000185	0.000358	0.000239	0.00117	0.0538	0.0000102	1.63	4.54	0.0353	0.000664	7.05	0.003	0.0479	0.0002	0.000172	0.0001102	0.114	0.00000204	0.000161	0.000476	0.00141	0.0000276
2094 Mar	123	0.0851	0.047	0.00185	18	0.0447	29.1	0.00108	0.000969	0.00000495	0.00741	0.00137	0.0287	0.0197	0.00000506	21.8	0.0000186	0.000359	0.00024	0.00117	0.0539	0.0000102	1.63	4.56	0.0354	0.000666	7.07	0.00301	0.048	0.000201	0.000173	0.0001102	0.114	0.00000205	0.000161	0.000478	0.00141	0.0000277
2094 Apr	124	0.0855	0.0472	0.00186	18.1	0.0449	29.3	0.00109	0.000973	0.00000497	0.00744	0.00138	0.0289	0.0198	0.00000508	21.9	0.0000187	0.000361	0.000241	0.00118	0.0542	0.0000102	1.64	4.58	0.0356	0.000669	7.11	0.00302	0.0482	0.000202	0.000173	0.0001103	0.115	0.00000206	0.000162	0.00048	0.00142	0.0000279
2094 May	137	0.0786	0.0543	0.00196	19.8	0.042	32.3	0.0011	0.000973	0.00000498	0.00715	0.00151	0.0305	0.0235	0.0000051	25	0.00002	0.000414	0.000323	0.00124	0.0643	0.0000103	1.83	5.27	0.0518	0.000636	7.87	0.00336	0.0476	0.000345	0.000217	0.0001122	0.134	0.00000207	0.00017	0.000657	0.00154	0.000031
2094 Jun	131	0.0524	0.053	0.0019	18.4	0.0337	29.5	0.00111	0.000991	0.00000506	0.00696	0.0015	0.0283	0.0242	0.00000518	24.7	0.0000226	0.000428	0.000354	0.00116	0.0691	0.0000104	1.83	5.12	0.0601	0.000476	7.52	0.00326	0.0461	0.000435	0.000278	0.0001126	0.134	0.00000209	0.000155	0.000816	0.00186	0.0000286
2094 Jul	118	0.0462	0.046	0.00183	17	0.0347	25.3	0.00117	0.00107	0.00000543	0.00737	0.00149	0.026	0.0232	0.00000552	23.1	0.0000227	0.000398	0.000321	0.00114	0.0683	0.0000111	1.75	4.59	0.0536	0.000433	6.98	0.00297	0.0493	0.00039	0.000273	0.0001116	0.125	0.00000223	0.000142	0.000767	0.00198	0.0000241
2094 Aug	117	0.0474	0.0446	0.00187	17.4	0.0381	24.6	0.00123	0.00114	0.00000578	0.00766	0.00155	0.026	0.0239	0.00000588	23.6	0.0000223	0.000398	0.000318	0.00118	0.0701	0.0000118	1.79	4.55	0.0524	0.000452	7.09	0.00295	0.0523	0.000379	0.000265	0.0001116	0.126	0.00000237	0.000142	0.000741	0.00202	0.000023
2094 Sep	92.3	0.0688	0.0298	0.00154	15.7	0.0407	17.2	0.00115	0.00109	0.00000549	0.00785	0.00138	0.0207	0.0213	0.00000555	20.6	0.0000191	0.000324	0.000246	0.0011	0.0609	0.0000111	1.54	3.51	0.0363	0.000496	6.03	0.00222	0.0536	0.000244	0.000173	0.0000883	0.107	0.00000223	0.00012	0.000531	0.00168	0.0000143
2094 Oct	75.1	0.0888	0.0197	0.0013	14.4	0.0424	12.6	0.00106	0.00102	0.00000514	0.00799	0.00124	0.0171	0.019	0.00000518	18.3	0.0000169	0.000267	0.00019	0.00104	0.0532	0.0000104	1.34	2.8	0.0237	0.000543	5.26	0.00171	0.0541	0.000136	0.000102	0.0000666	0.0913	0.00000208	0.000107	0.00037	0.00137	0.00000879
2094 Nov	88.8	0.0942	0.0269	0.00143	15.4	0.044	17.9	0.00104	0.000978	0.00000494	0.00782	0.00125	0.0207	0.0186	0.000005	19.1	0.000017	0.000286	0.000193	0.00108	0.0511	0.0000101	1.4	3.3	0.0245	0.000611	5.7	0.00208	0.0519	0.000128	0.000108	0.0000742	0.0959	0.00000201	0.000125	0.000362	0.00129	0.0000141
2094 Dec	95.4	0.0928	0.0306	0.00151	15.9	0.0442	20.2	0.00104	0.000974	0.00000493	0.00774	0.00127	0.0224	0.0188	0.00000501	19.6	0.0000173	0.000301	0.000202	0.0011	0.0516	0.0000101	1.44	3.56	0.0266	0.000624	5.94	0.00227	0.0512	0.000141	0.00012	0.0000797	0.0995	0.00000202	0.000133	0.000384	0.00131	0.0000166
2095 Jan	96.3	0.0926	0.0311	0.00152	15.9	0.0442	20.5	0.00105	0.000974	0.00000494	0.00774	0.00127	0.0226	0.0189	0.00000501	19.7	0.0000173	0.000303	0.000203	0.0011	0.0517	0.0000101	1.45	3.59	0.0269	0.000626	5.98	0.00229	0.0511	0.000143	0.000122	0.0000805	0.1	0.00000202	0.000134	0.000387	0.00131	0.0000169
2095 Feb	96.7	0.0925	0.0313	0.00152	16	0.0442	20.6	0.00105	0.000974	0.00000494	0.00773	0.00128	0.0227	0.0189	0.00000501	19.7	0.0000174	0.000304	0.000204	0.0011	0.0517	0.0000101	1.45	3.61	0.027	0.000627	5.99	0.0023	0.051	0.000144	0.000122	0.0000808	0.1	0.00000202	0.000134	0.000389	0.00131	0.000017
2095 Mar	96.8	0.0926	0.0313	0.00152	16	0.0443	20.7	0.00105	0.000976	0.00000494	0.00774	0.00128	0.0227	0.0189	0.00000502	19.7	0.0000174	0.000304	0.000204	0.0011	0.0518	0.0000101	1.45	3.61	0.0271	0.000628	6	0.00231	0.0511	0.000144	0.000123	0.0000809	0.1	0.00000202	0.000134	0.000389	0.00132	0.0000171
2095 Apr	97.4	0.0932	0.0315	0.00153	16.1	0.0446	20.8	0.00105	0.000982	0.00000497	0.00779	0.00128	0.0228	0.019	0.00000505	19.9	0.0000175	0.000306	0.000206	0.00111	0.0521	0.0000102	1.46	3.64	0.0272	0.000631	6.04	0.00232	0.0514	0.000145	0.000123	0.0000814	0.101	0.00000203	0.000135	0.000392	0.00132	0.0000172
2095 May	115	0.0813	0.04	0.00161	18.9	0.0381	23.6	0.00106	0.000982	0.00000498	0.00727	0.00152	0.0236	0.0263	0.00000507	25.5	0.0000196	0.000391	0.000361	0.00121	0.0721	0.0000102	1.79	4.68	0.0574	0.000544	7.21	0.00273	0.0511	0.000419	0.000192	0.0001112	0.134	0.00000204	0.00014	0.0007	0.00154	0.0000195
2095 Jun	131	0.0603	0.0497	0.00178	20.1	0.0328	27.8	0.00111	0.00101	0.00000512	0.007	0.00164	0.0263	0.0292	0.00000523	28.2	0.0000227	0.000455	0.00044	0.00124	0.0819	0.0000106	1.98	5.45	0.0748	0.000641	7.91	0.0032	0.0494	0.000573	0.000276	0.0001135	0.152	0.00000211	0.000149	0.000952	0.00186	0.0000241
2095 Jul	117	0.0524	0.0428	0.00172	18.4	0.0352	23.8	0.00115	0.00107	0.00000542	0.0071	0.00161	0.0239	0.0274	0.00000551	25.9	0.0000211	0.000409	0.000391	0.00122	0.0789	0.0000111	1.87	4.85	0.0651	0.000425	7.32	0.00289	0.0516	0.000503	0.000254	0.0001123	0.139	0.00000222	0.000136	0.00084	0.00188	0.0000201
2095 Aug	81.2	0.0417	0.0254	0.00138	14.3	0.0383	14.4	0.00108	0.00104	0.00000523	0.00626	0.00137	0.0177	0.0214	0.00000528	19.8	0.0000136	0.00029	0.000255	0.00103	0.0612	0.0000106	1.47	3.26	0.0393	0.000387	5.61	0.002	0.048	0.000294	0.000153	0.0000883	0.103	0.00000212	0.0000988	0.000485	0.00153	0.0000107
2095 Sep	66.5	0.0504	0.017	0.00123	13.2	0.0412	10	0.00106	0.00103	0.00000517	0.00632	0.00125	0.0158	0.019	0.0000052	17.7	0.0000108	0.000253	0.000192	0.000944	0.0514	0.0000104	1.32	2.54	0.0266	0.000434	4.95	0.00157	0.0473	0.000174	0.0000959	0.0000727	0.089	0.00000208	0.0000855	0.000317	0.00136	0.00000609
2095 Oct	63.6	0.0621	0.0148	0.00118	13.2	0.0419	9.11	0.00105	0.00102	0.00000514	0.00673	0.00122	0.015	0.0187	0.00000516	17.4	0.0000116	0.000243	0.00018	0.000953	0.0506	0.0000104	1.29	2.41	0.0234	0.000462	4.83	0.00147	0.0492	0.000145	0.0000817	0.0000666	0.0863	0.00000207	0.0000858	0.000295	0.00131	0.00000495
2095 Nov	59	0.0793	0.0114	0.00111	13	0.0426	7.76	0.00102	0.00101	0.00000504	0.00729	0.00117	0.0138	0.018	0.00000506	16.7	0.0000127	0.000226	0.000161	0.000958	0.0489	0.0000101	1.22	2.19	0.0184	0.000501	4.61	0.0013	0.0517	0.0000996	0.0000598	0.0000568	0.0815	0.00000203	0.0000859	0.000259	0.00123	0.00000329
2095 Dec	61.7	0.0812	0.0127	0.00114	13.2	0.0429	8.69	0.00102	0.001	0.00000503	0.00735	0.00118	0.0144	0.018	0.00000505	16.9	0.0000131	0.000231	0.000163	0.00097	0.049	0.0000101	1.24	2.29	0.0187	0.000514	4.71	0.00137	0.0517	0.0001	0.0000631	0.0000582	0.0827	0.00000202	0.0000896	0.000266	0.00123	0.00000421
2096 Jan	63.1	0.0811	0.0134	0.00116	13.4	0.0429	9.19	0.00102	0.001	0.00000503	0.00735	0.00118	0.0148	0.0181	0.00000505	17.1	0.0000132	0.000234	0.000165	0.000975	0.0491	0.0000101	1.25	2.35	0.0192	0.000517	4.76	0.00141	0.0516	0.000103	0.0000659	0.0000594	0.0835	0.00000203	0.0000913	0.000271	0.00123	0.00000471
2096 Feb	63.4	0.0811	0.0136	0.00116	13.4	0.043	9.27	0.00102	0.001	0.00000504	0.00735	0.00119	0.0148	0.0181	0.00000506	17.1	0.0000132	0.000235	0.000166	0.000976	0.0492	0.0000101	1.25	2.36	0.0193	0.000518	4.77	0.00142	0.0517	0.000104	0.0000663	0.0000596	0.0837	0.00000203	0.0000916	0.000272	0.00123	0.00000479
2096 Mar	63.4	0.0812	0.0136	0.00116	13.4	0.043	9.29	0.00102	0.001	0.00000504	0.00736	0.00119	0.0149	0.0181	0.00000506	17.1	0.0000132	0.000235	0.000166	0.000978	0.0492	0.0000102	1.25	2.36	0.0193	0.000519	4.78	0.00142	0.0517	0.000104	0.0000664	0.0000597	0.0838	0.00000203	0.0000917	0.000272	0.00124	0.0000048
2096 Apr	63.8	0.0817	0.0137	0.00117	13.5	0.0433	9.34	0.00103	0.00101	0.00000507	0.0074	0.00119	0.0149	0.0182	0.00000509	17.2	0.0000133	0.000237	0.000167	0.000983	0.0495	0.0000102	1.26	2.38	0.0194	0.000522	4.8	0.00143	0.052	0.000104	0.0000668	0.00006	0.0843	0.00000204	0.0000922	0.000274	0.00124	0.00000483
2096 May	80.7	0.079	0.0215	0.00128	15.7	0.0401	13.2	0.00105	0.00101	0.00000509	0.00729	0.00136	0.0169	0.0228	0.00000513	21.2	0.0000156	0.000301	0.000268	0.00108	0.0624	0.0000103	1.5	3.26	0.0388	0.000498	5.73	0.00184	0.0525	0.000274	0.000118	0.0000821	0.108	0.00000206	0.0001104	0.000494	0.00139	0.00000808
2096 Jun	145	0.0491	0.0607	0.0021	17.7	0.0379	38	0.00111	0.000955	0.00000491	0.00684	0.00143	0.0353	0.0199	0.00000507	23.2	0.0000226	0.000431	0.000289	0.00116	0.0573	0.0000104	1.79	5.6	0.0495	0.000579	7.45	0.00384	0.042	0.000314	0.000292	0.0001129	0.126	0.00000206	0.000182	0.000699	0.00181	0.000035
2096 Jul	119	0.0385	0.0476	0.0019	15	0.0369	29.1	0.00115	0.00103	0.00000526	0.00719	0.00135	0.0294	0.018	0.00000538	20	0.0000221	0.000371	0.000235	0.00107	0.0549	0.0000109	1.59	4.5	0.0391	0.000475	6.38	0.00316	0.0454	0.000248	0.000273	0.0001109	0.108	0.00000217	0.000152	0.000617	0.00192	0.0000265
2096 Aug	113	0.0405	0.0432	0.00186	15	0.0399	26.5	0.00119	0.00108	0.00000551	0.00731	0.00138	0.0281	0.0185	0.00000562	20	0.0000204	0.000359	0.000226	0.00109	0.0552	0.0000114	1.59	4.24	0.0364	0.000489	6.3	0.00298	0.0476	0.000226	0.000247	0.0001105	0.106	0.00000227	0.000145	0.00056	0.00189	0.0000236
2096 Sep	89.7	0.065	0.0291	0.00153	14.3	0.0421	18.6	0.00111	0.00104	0.00000527	0.0075	0.00127	0.0222	0.0179	0.00000534	18.5	0.0000173	0.000299	0.000188	0.00103	0.0509	0.0000108	1.42	3.33	0.0262	0.000527	5.55	0.00224	0.0499	0.000145	0.000156	0.0000817	0.0942	0.00000215	0.000122	0.000405	0.00156	0.0000148
2096 Oct	85.3	0.0937	0.0247	0.0014	14.9	0.0444	17.2	0.00104	0.000983	0.00000497	0.00786	0.00123	0.0204	0.0181	0.00000502	18.6	0.0000167	0.000279	0.000181	0.00107	0.0498	0.0000101	1.37	3.18	0.0222	0.000611	5.48	0.00201	0.0521	0.000108	0.000102	0.0000714	0.0929	0.00000202	0.000123	0.000338	0.00128	0.0000125
2096 Nov	86.1	0.0964	0.0248	0.0014	15.1	0.0448	17.4	0.00104	0.000983	0.00000496	0.00792	0.00124	0.0205	0.0183	0

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
Active Closure (2037-2043): Min	49.6	0.0377	0.00949	0.000978	10.6	0.0268	3.79	0.000978	0.000978	0.00000489	0.00705	0.00115	0.00967	0.0187	0.00000489	15.9	0.0000181	0.000241	0.000208	0.000836	0.0574	0.00000978	1.19	1.98	0.0312	0.000218	3.99	0.00117	0.0496	0.000242	0.000159	0.0000609	0.0804	0.00000196	0.0000624	0.000529	0.00167	
Active Closure (2037-2043): Mean	57.1	0.0492	0.0114	0.00107	12.5	0.0295	4.45	0.00107	0.00107	0.0000537	0.00763	0.00128	0.0106	0.0223	0.0000537	18.8	0.0000197	0.000277	0.000269	0.000937	0.0679	0.0000107	1.35	2.4	0.0413	0.000259	4.62	0.00129	0.0536	0.000331	0.000178	0.000071	0.096	0.00000215	0.0000686	0.000642	0.00184	
Active Closure (2037-2043): Max	65.9	0.0623	0.0136	0.00114	14.8	0.0318	5.28	0.00114	0.00114	0.0000571	0.00821	0.00145	0.0113	0.0266	0.0000571	22.2	0.0000212	0.00032	0.000338	0.00106	0.0793	0.0000114	1.55	2.87	0.0529	0.000303	5.38	0.00145	0.0586	0.000431	0.000192	0.0000832	0.114	0.00000228	0.0000768	0.000766	0.00194	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	56	0.0359	0.0106	0.000796	10.3	0.0306	4.37	0.000777	0.000777	0.00000478	0.00746	0.00126	0.011	0.02	0.0000053	17.9	0.0000194	0.000272	0.000232	0.000873	0.0466	0.0000108	1.33	2.3	0.0366	0.000266	4.05	0.00129	0.0415	0.000163	0.000176	0.0000693	0.0927	0.00000211	0.0000689	0.000595	0.00182	
Post Closure (2044-2099): Mean	318	0.0608	0.0647	0.00184	24.3	0.11	179	0.000881	0.000881	0.00000544	0.00898	0.00367	0.158	0.034	0.0000741	55.7	0.0000428	0.00428	0.000416	0.00149	0.0647	0.0000202	8.4	23	0.0987	0.00251	12.6	0.0138	0.0459	0.000358	0.000799	0.000396	0.479	0.00000273	0.0026	0.000936	0.00213	
Post Closure (2044-2099): Max	495	0.115	0.275	0.00565	73.1	0.153	267	0.00111	0.00111	0.00000637	0.0107	0.00505	0.234	0.0459	0.00000923	77.8	0.0000575	0.00633	0.000588	0.00194	0.0836	0.0000263	12	33.4	0.143	0.00366	45	0.0202	0.0549	0.000545	0.00114	0.000566	0.682	0.00000335	0.00389	0.00131	0.00265	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	76.4	0.0701	0.0164	0.0012	17.5	0.0325	6.19	0.0012	0.0012	0.00000599	0.00845	0.00165	0.0115	0.032	0.00000599	26.5	0.0000223	0.000369	0.000428	0.00119	0.13	0.000012	1.8	3.48	0.0682	0.000313	6.31	0.00163	0.0483	0.000567	0.000203	0.0000991	0.138	0.00000239	0.0000828	0.000914	0.00201	
2026 Feb	76.4	0.0701	0.0164	0.0012	17.5	0.0325	6.19	0.0012	0.0012	0.00000599	0.00845	0.00165	0.0115	0.032	0.00000599	26.5	0.0000223	0.000369	0.000428	0.00119	0.13	0.000012	1.8	3.48	0.0682	0.000313	6.31	0.00163	0.0483	0.000567	0.000203	0.0000991	0.138	0.00000239	0.0000828	0.000914	0.00201	
2026 Mar	76.5	0.0701	0.0164	0.0012	17.5	0.0325	6.19	0.0012	0.0012	0.00000599	0.00846	0.00165	0.0115	0.032	0.00000599	26.5	0.0000223	0.000372	0.000428	0.00119	0.13	0.000012	1.8	3.48	0.0683	0.000313	6.32	0.00163	0.0483	0.000567	0.000203	0.0000992	0.138	0.00000239	0.0000829	0.000914	0.00201	
2026 Apr	76.7	0.0703	0.0164	0.0012	17.6	0.0326	6.21	0.0012	0.0012	0.00000601	0.00848	0.00166	0.0116	0.0321	0.00000601	26.6	0.0000224	0.000371	0.00043	0.0012	0.13	0.000012	1.8	3.49	0.0684	0.000314	6.33	0.00164	0.0484	0.000569	0.000203	0.0000994	0.138	0.00000239	0.0000831	0.000916	0.00202	
2026 May	77.5	0.071	0.0166	0.00121	17.8	0.0329	6.27	0.00121	0.00121	0.00000607	0.00857	0.00167	0.0117	0.0325	0.00000607	26.9	0.0000226	0.000375	0.000434	0.00121	0.132	0.0000121	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0489	0.000575	0.000206	0.0001	0.139	0.00000243	0.0000839	0.000926	0.00204	
2026 Jun	72.1	0.0635	0.0154	0.00117	16.3	0.0307	5.74	0.00117	0.00117	0.00000583	0.00826	0.00156	0.0112	0.0299	0.00000583	24.8	0.0000222	0.000351	0.000397	0.00113	0.12	0.0000117	1.7	3.24	0.0632	0.000287	5.91	0.00156	0.0478	0.000524	0.000205	0.0000934	0.128	0.00000233	0.0000788	0.000874	0.002	
2026 Jul	72.8	0.0633	0.0155	0.00119	16.4	0.0313	5.77	0.00119	0.00119	0.00000596	0.00844	0.00158	0.0115	0.0301	0.00000596	24.9	0.0000227	0.000355	0.000397	0.00114	0.12	0.0000119	1.72	3.26	0.0632	0.000288	5.96	0.00158	0.049	0.000523	0.00021	0.0000942	0.129	0.00000238	0.0000799	0.000882	0.00206	
2026 Aug	73.3	0.0635	0.0156	0.00121	16.5	0.0322	5.82	0.00121	0.00121	0.00000605	0.00852	0.0016	0.0117	0.0302	0.00000605	25.1	0.0000227	0.000356	0.000397	0.00115	0.121	0.0000121	1.73	3.28	0.0631	0.000294	6.01	0.0016	0.0499	0.000522	0.00021	0.0000948	0.13	0.00000242	0.0000808	0.000878	0.00207	
2026 Sep	74	0.0645	0.0157	0.00122	16.7	0.0327	5.89	0.00122	0.00122	0.00000612	0.00863	0.00162	0.0118	0.0305	0.00000612	25.4	0.0000229	0.00036	0.0004	0.00117	0.122	0.0000122	1.75	3.31	0.0634	0.0003	6.07	0.00161	0.0506	0.000524	0.000211	0.0000956	0.131	0.00000245	0.0000819	0.000883	0.00209	
2026 Oct	73.2	0.0649	0.0154	0.00121	16.5	0.0327	5.84	0.00121	0.00121	0.00000607	0.00857	0.0016	0.0117	0.0301	0.00000607	25	0.0000226	0.000355	0.000393	0.00116	0.12	0.0000121	1.73	3.26	0.0622	0.000303	6.01	0.00159	0.0503	0.000513	0.000207	0.0000941	0.129	0.00000243	0.0000814	0.000867	0.00206	
2026 Nov	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000608	0.00859	0.0016	0.0118	0.0302	0.00000608	25.1	0.0000226	0.000356	0.000394	0.00116	0.12	0.0000122	1.73	3.27	0.0623	0.000304	6.02	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	
2026 Dec	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	
2027 Jan	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	
2027 Feb	73.4	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000514	0.000207	0.0000944	0.13	0.00000243	0.0000817	0.000869	0.00207	
2027 Mar	73.5	0.0651	0.0155	0.00122	16.6	0.0328	5.86	0.00122	0.00122	0.00000609	0.0086	0.00161	0.0118	0.0302	0.00000609	25.1	0.0000227	0.000356	0.000394	0.00116	0.12	0.0000122	1.73	3.27	0.0624	0.000304	6.03	0.0016	0.0505	0.000515	0.000208	0.0000945	0.13	0.00000244	0.0000817	0.00087	0.00207	
2027 Apr	73.8	0.0654	0.0155	0.00122	16.7	0.033	5.89	0.00122	0.00122	0.00000611	0.00864	0.00161	0.0118	0.0303	0.00000611	25.2	0.0000228	0.000358	0.000396	0.00117	0.121	0.0000122	1.74	3.29	0.0626	0.000305	6.05	0.00161	0.0507	0.000517	0.000208	0.0000949	0.13	0.00000245	0.0000821	0.000873	0.00208	
2027 May	74.8	0.0663	0.0158	0.00124	16.9	0.0334	5.97	0.00124	0.00124	0.00000619	0.00875	0.00163	0.012	0.0308	0.00000619	25.6	0.0000231	0.000363	0.000401	0.00118	0.122	0.0000124	1.76	3.33	0.0635	0.000309	6.14	0.00163	0.0514	0.000524	0.000211	0.0000962	0.132	0.00000248	0.0000832	0.000885	0.00211	
2027 Jun	68.8	0.0586	0.0145	0.00118	15.3	0.031	5.4	0.00118	0.00118	0.0000059	0.00837	0.00151	0.0115	0.028	0.0000059	23.3	0.0000224	0.000337	0.000361	0.00109	0.11	0.0000118	1.63	3.03	0.0571	0.000278	5.61	0.00152	0.0495	0.000469	0.000208	0.0000883	0.12	0.00000236	0.0000775	0.000825	0.00205	
2027 Jul	67.4	0.0559	0.0141	0.00118	14.8	0.0308	5.24	0.00118	0.00118	0.00000592	0.00841	0.00149	0.0115	0.0272	0.00000592	22.7	0.0000226	0.000331	0.000347	0.00107	0.107	0.0000118	1.6	2.93	0.0548	0.00027	5.47	0.0015	0.0499	0.000449	0.000212	0.0000863	0.117	0.00000237	0.0000766	0.000811	0.00208	
2027 Aug	69.7	0.0577	0.0146	0.00123	15.4	0.0321	5.42	0.00123	0.00123	0.00000614	0.0087	0.00154	0.0119	0.0281	0.00000614	23.4	0.0000233	0.000342	0.000358	0.00111	0.11	0.0000123	1.65	3.03	0.0564	0.000281	5.66	0.00156	0.0518	0.000462	0.000218	0.0000892	0.121	0.00000246	0.0000793	0.000834	0.00215	
2027 Sep	69.1	0.0584	0.0143	0.00122	15.3	0.0324	5.4	0.00122	0.00122	0.00000611	0.00866	0.00153	0.0119	0.0278	0.00000611	23.2	0.000023	0.000338	0.000352	0.0011	0.109	0.0000122	1.64	3	0.0552	0.000287	5.61	0.00154	0.0517	0.000451	0.000213	0.0000881	0.119	0.00000244	0.0000792	0.000816	0.00212	
2027 Oct	68.4	0.059	0.0141	0.00121	15.1	0.0324	5.36	0.00121	0.00121	0.00000605	0.00861	0.00151	0.0119	0.0274	0.00000605	22.9	0.0000227	0.000333	0.000345	0.0011	0.107	0.0000121	1.62	2.96	0.0541	0.000291	5.56	0.00152	0.0515	0.00044	0.000208	0.0000866	0.118	0.00000242	0.0000789	0.0008	0.00209	
2027 Nov	68.2	0.0593	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.0011	0.106	0.0000121	1.61	2.95	0.0538	0.000293	5.55	0.00152	0.0515	0.000437	0.000207	0.0000863	0.118	0.00000242	0.0000789	0.000795	0.00208	
2027 Dec	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.54	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	
2028 Jan	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.54	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	
2028 Feb	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.55	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	
2028 Mar	68.2	0.0594	0.014	0.00121	15.1	0.0325	5.36	0.00121	0.00121	0.00000604	0.0086	0.00151	0.0119	0.0273	0.00000604	22.9	0.0000226	0.000332	0.000344	0.00109	0.106	0.0000121	1.61	2.95	0.0537	0.000293	5.55	0.00152	0.0515	0.000437	0.000207	0.0000863	0.117	0.00000242	0.0000789	0.000795	0.00208	
2028 Apr	68.4	0.0595	0.014	0.00121	15.2	0.0326	5.37	0.00121	0.00121	0.00000606	0.00862	0.00151	0.0119	0.0274	0.00000606	22.9	0.0000227	0.000333	0.000344	0.0011	0.107	0.0000121	1.62	2.95	0.0538	0.000294	5.56	0.00152	0.0517	0.000438	0.000207	0.0000865	0.118	0.00000242	0.0000791	0.000797	0.00209	
2028 May	69	0.0601	0.0142	0.00122	15.3	0.0329	5.42	0.00122	0.00122	0.00000611	0.00871	0.00153	0.012	0.0276	0.00000611	23.1	0.0000229	0.000336	0.000348	0.00111	0.108	0.0000122	1.63	2.98	0.0544	0.000296	5.61	0.00154	0.0521	0.000442	0.000209	0.0000873	0.119	0.00000245	0.0000798	0.000804	0.00211	
2028 Jun	64.9	0.0545	0.0133	0.00118	14.2	0.0312	5.02	0.00118	0.00118	0.00000592	0.00846	0.00144	0.0116	0.0257	0.00000592	21.5	0.0000225	0.000319	0.000319	0.00104	0.0999	0.0000118	1.54	2.77	0.0499	0.000274	5.24	0.00146	0.0507	0.000404	0.000208	0.0000819	0.111	0.00000237	0.0000759	0.000764	0.00208	
2028 Jul	63.6	0.0521	0.013	0.00119	13.8	0.0309	4.88	0.00119	0.00119	0.00000593	0.00848	0.00142	0.0116	0.025	0.00000593	21	0.0000227	0.000314	0.000308	0.00103	0.0971	0.0000119	1.51	2.69	0.0481	0.000266	5.12	0.00145	0.0509	0.000388	0.000211	0.0000802	0.108	0.00000237	0.000075	0.000753	0.0021	
2028 Aug	66.9	0.0547	0.0137	0.00125	14.5	0.0326	5.13	0.00125	0.00125	0.00000624	0.00891	0.0015	0.0123	0.0263	0.00000624	22.1	0.0000238	0.00033	0.000323	0.00108	0.102	0.0000125	1.59	2.83	0.0504	0.00028	5.38	0.00152	0.0536	0.000407	0.000221	0.0000843	0.113	0.0000025	0.0000789	0.000789	0.0022	
2028 Sep	67.5	0.0561	0.0137	0.00126	14.7	0.0332	5.19	0.00126	0.00126	0.0000063	0.00901	0.00151	0.0124	0.0265	0.0000063	22.3	0.000024	0.000332	0.000325	0.00109	0.102	0.0000126	1.6	2.85	0.0505	0.000288	5.43	0.00153	0.0543	0.000406	0.000221	0.0000847	0.114	0.00000252	0.0000799	0.00079	0.00221	
2028 Oct	65	0.0571	0.013	0.00122	14.2	0.0329	5.06	0.00122	0.00122	0.00000608	0.00875	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000308	0.00106	0.0973	0.0000122	1.54	2.73	0.0473	0.000293	5.24	0.00147	0.053	0.000379	0.000207	0.0000806	0.109	0.00000243	0.0000781	0.000744	0.00211	
2028 Nov	65	0.0576	0.0129	0.00122	14.2	0.033	5.06	0.00122	0.00122	0.00000608	0.00876	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.24	0.00147	0.0531	0.000376	0.000205	0.0000804	0.109	0.00000243	0.0000783	0.00074	0.0021	
2028 Dec	65	0.0576	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000205	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	
2029 Jan	65	0.0576	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000205	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	
2029 Feb	65	0.0576	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000205	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	
2029 Mar	65	0.0577	0.0129	0.00122	14.2	0.033	5.07	0.00122	0.00122	0.00000608	0.00877	0.00145	0.0121	0.0254	0.00000608	21.4	0.0000229	0.000317	0.000307	0.00106	0.0971	0.0000122	1.54	2.73	0.0471	0.000296	5.25	0.00147	0.0532	0.000377	0.000206	0.0000804	0.109	0.00000243	0.0000784	0.000741	0.0021	
2029 Apr	65.1	0.0577	0.013	0.00122	14.2	0.0331	5.07	0.00122	0.00122	0.00000609	0.00878	0.00145	0.0121	0.0254	0.00000609	21.4	0.0000229	0.000317	0.000307	0.00106	0.0972	0.0000122	1.54	2.73	0.0472	0.000296	5.25	0.00147	0.0532	0.000377	0.000206	0.0000805	0.109	0.00000243	0.0000784	0.000741	0.00211	
2029 May	65.5	0.0581	0.013	0.00123	14.3	0.0333	5.1	0.00123	0.00123	0.00000613	0.00883	0.00146	0.0122	0.0256	0.00000613	21.5	0.0000231	0.000319	0.000309	0.00107	0.0978	0.0000123	1.55	2.75	0.0475	0.000298	5.28	0.00148	0.0536	0.000379	0.000207	0.000081	0.11	0.00000245	0.0000789	0.000746	0.00212	
2029 Jun	64.7	0.0562	0.0129	0.00122	14	0.0328	5	0.00122	0.00122	0.00000612	0.00883	0.00145	0.0121	0.0251	0.00000612	21.2	0.0000233	0.000317	0.000302	0.00106	0.0959	0.0000122	1.53	2.7	0.0465	0.000291	5.2	0.00147	0.0536	0.000371	0.00021	0.0000799	0.108	0.00000245	0.0000782	0.000742	0.00214	
2029 Jul	57.8	0.0472	0.0114	0.00114	12.3	0.0301	4.39	0.00114	0.00114	0.00000571	0.0082	0.00131	0.0113	0.0221	0.00000571	18.7	0.0000217	0.000284	0.000261	0.0009953	0.0843	0.0000114	1.37	2.37	0.0399	0.000254	4.62	0.00134	0.0502	0.000317	0.0002	0.0000713	0.0952	0.00000228	0.0000709	0.000666	0.00202	
2029 Aug	59.1	0.0481	0.0117	0.00117	12.6	0.0313	4.5	0.00117	0.00117	0.00000587	0.00839	0.00135	0.0116	0.0227	0.00000587	19.1	0.000022	0.00029	0.000265	0.000981	0.086	0.0000117	1.41	2.42	0.0405	0.000262	4.74	0.00137	0.0516	0.000321	0.000203	0.000073	0.0974	0.00000235	0.0000728	0.000674	0.00206	
2029 Sep	59.8	0.0492	0.0118	0.00119	12.8	0.0319	4.57	0.00119	0.00119	0.00000594	0.0085	0.00136	0.0118	0.0229	0.00000594	19.3	0.0000222	0.000293	0.000267	0.000994	0.0867	0.0000119	1.43	2.45	0.0407	0.000269	4.8	0.00139	0.0523	0.000322	0.000203	0.0000737	0.0984	0.00000238	0.0000738	0.000677	0.00208	
2029 Oct	59.3	0.0502	0.0116	0.00118	12.7	0.032	4.55	0.00118	0.00118	0.00000589	0.00845	0.00135	0.0117	0.0227	0.00000589	19.2	0.000022	0.000289	0.000263	0.000988	0.0854

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2032 Jun	57.5	0.0488	0.0111	0.00116	12.3	0.0314	4.39	0.00116	0.00116	0.00000581	0.00839	0.00131	0.0116	0.0217	0.00000581	18.4	0.0000219	0.000281	0.000249	0.00096	0.0763	0.0000116	1.37	2.32	0.0375	0.000269	4.59	0.00134	0.0538	0.000293	0.000197	0.0000698	0.0935	0.00000232	0.0000723	0.000643	0.00203	
2032 Jul	51.9	0.0419	0.01	0.00108	10.9	0.0288	3.91	0.00108	0.00108	0.0000054	0.00776	0.00119	0.0107	0.0195	0.0000054	16.5	0.0000204	0.000255	0.000219	0.0000873	0.0684	0.0000108	1.24	2.07	0.0329	0.000238	4.13	0.00123	0.0499	0.000257	0.000186	0.0000631	0.0836	0.00000216	0.0000659	0.000583	0.00191	
2032 Aug	52.4	0.0421	0.01	0.00109	11.1	0.0296	3.96	0.00109	0.00109	0.0000547	0.00781	0.00121	0.0109	0.0196	0.0000547	16.6	0.0000202	0.000256	0.000219	0.0000885	0.0687	0.0000109	1.25	2.09	0.0328	0.000244	4.18	0.00124	0.0505	0.000255	0.000185	0.0000636	0.0843	0.00000219	0.0000666	0.000578	0.00192	
2032 Sep	53.1	0.0431	0.0101	0.00111	11.2	0.0302	4.02	0.00111	0.00111	0.0000554	0.00791	0.00123	0.0111	0.0199	0.0000554	16.9	0.0000204	0.000259	0.000221	0.0000898	0.0694	0.0000111	1.27	2.11	0.033	0.000251	4.24	0.00125	0.0512	0.000256	0.000186	0.0000644	0.0853	0.00000222	0.0000676	0.000581	0.00193	
2032 Oct	53.4	0.0437	0.0102	0.00111	11.3	0.0305	4.05	0.00111	0.00111	0.0000557	0.00796	0.00123	0.0111	0.02	0.0000557	17	0.0000205	0.00026	0.000222	0.0000903	0.0696	0.0000111	1.28	2.12	0.033	0.000254	4.26	0.00126	0.0515	0.000256	0.000186	0.0000646	0.0858	0.00000223	0.0000681	0.000582	0.00194	
2032 Nov	53.4	0.044	0.0101	0.00111	11.3	0.0306	4.05	0.00111	0.00111	0.0000557	0.00796	0.00123	0.0111	0.02	0.0000557	17	0.0000205	0.00026	0.000221	0.0000904	0.0696	0.0000111	1.27	2.12	0.0329	0.000255	4.27	0.00126	0.0515	0.000255	0.000185	0.0000646	0.0857	0.00000223	0.0000682	0.000581	0.00194	
2032 Dec	53.2	0.0441	0.0101	0.00111	11.3	0.0305	4.05	0.00111	0.00111	0.0000555	0.00794	0.00123	0.0111	0.0199	0.0000555	16.9	0.0000204	0.000259	0.00022	0.0000901	0.0693	0.0000111	1.27	2.11	0.0327	0.000256	4.25	0.00125	0.0514	0.000254	0.000184	0.0000643	0.0854	0.00000222	0.0000681	0.000578	0.00193	
2033 Jan	53.2	0.0441	0.0101	0.00111	11.3	0.0305	4.05	0.00111	0.00111	0.0000555	0.00794	0.00123	0.0111	0.0199	0.0000555	16.9	0.0000204	0.000259	0.00022	0.0000902	0.0693	0.0000111	1.27	2.11	0.0327	0.000256	4.25	0.00125	0.0514	0.000254	0.000184	0.0000643	0.0854	0.00000222	0.0000681	0.000578	0.00193	
2033 Feb	53.2	0.0441	0.0101	0.00111	11.3	0.0305	4.05	0.00111	0.00111	0.0000555	0.00794	0.00123	0.0111	0.0199	0.0000555	16.9	0.0000204	0.000259	0.00022	0.0000902	0.0693	0.0000111	1.27	2.11	0.0328	0.000256	4.25	0.00125	0.0514	0.000254	0.000184	0.0000643	0.0855	0.00000222	0.0000681	0.000578	0.00193	
2033 Mar	53.3	0.0442	0.0101	0.00111	11.3	0.0306	4.05	0.00111	0.00111	0.0000556	0.00795	0.00123	0.0111	0.0199	0.0000556	16.9	0.0000204	0.000259	0.000221	0.0000902	0.0694	0.0000111	1.27	2.12	0.0328	0.000256	4.26	0.00126	0.0515	0.000254	0.000184	0.0000643	0.0855	0.00000222	0.0000682	0.000578	0.00193	
2033 Apr	53.5	0.0444	0.0101	0.00112	11.3	0.0307	4.07	0.00112	0.00112	0.0000558	0.00799	0.00123	0.0112	0.02	0.0000558	17	0.0000205	0.00026	0.000222	0.0000907	0.0697	0.0000112	1.28	2.13	0.0329	0.000257	4.28	0.00126	0.0517	0.000255	0.000185	0.0000646	0.0859	0.00000223	0.0000685	0.000581	0.00194	
2033 May	55.8	0.046	0.0109	0.00112	12	0.0303	4.27	0.00112	0.00112	0.0000559	0.00797	0.00127	0.0111	0.0213	0.0000559	18	0.0000207	0.000272	0.000246	0.0000931	0.0726	0.0000112	1.33	2.27	0.0373	0.000256	4.48	0.0013	0.0524	0.000294	0.000189	0.0000686	0.0915	0.00000224	0.0000693	0.000623	0.00195	
2033 Jun	55.4	0.0444	0.0113	0.00105	12	0.0274	4.24	0.00105	0.00105	0.0000523	0.00742	0.00125	0.0102	0.0217	0.0000523	18.2	0.0000197	0.000272	0.000266	0.0000901	0.0717	0.0000105	1.32	2.34	0.0414	0.000231	4.46	0.00127	0.0499	0.000334	0.000185	0.0000698	0.0935	0.00000209	0.0000655	0.00065	0.00184	
2033 Jul	56.4	0.0447	0.0115	0.00107	12.2	0.0281	4.31	0.00107	0.00107	0.0000536	0.00759	0.00127	0.0105	0.0221	0.0000536	18.5	0.0000202	0.000277	0.000269	0.0000919	0.073	0.0000107	1.34	2.37	0.0418	0.000235	4.54	0.00129	0.0511	0.000337	0.000189	0.0000711	0.0949	0.00000214	0.0000669	0.000661	0.00189	
2033 Aug	58.6	0.0464	0.0119	0.00112	12.6	0.0294	4.48	0.00112	0.00112	0.0000558	0.00789	0.00132	0.0109	0.023	0.0000558	19.2	0.0000209	0.000287	0.000279	0.0000957	0.0758	0.0000112	1.4	2.46	0.0433	0.000245	4.72	0.00135	0.0531	0.000349	0.000196	0.0000738	0.0986	0.00000223	0.0000696	0.000683	0.00196	
2033 Sep	57.7	0.0475	0.0116	0.0011	12.5	0.0296	4.45	0.0011	0.0011	0.0000551	0.00781	0.0013	0.0108	0.0225	0.0000551	18.9	0.0000204	0.000282	0.000271	0.0000947	0.074	0.0000111	1.37	2.42	0.0418	0.000252	4.66	0.00132	0.0527	0.000335	0.000188	0.0000721	0.0968	0.00000222	0.0000693	0.000666	0.00192	
2033 Oct	54.7	0.05	0.0106	0.00105	12	0.0294	4.3	0.00105	0.00105	0.0000523	0.00751	0.00123	0.0104	0.0212	0.0000523	17.9	0.0000191	0.000263	0.000249	0.0000908	0.0689	0.0000105	1.3	2.27	0.0377	0.000264	4.43	0.00124	0.0507	0.000299	0.000168	0.0000667	0.091	0.00000209	0.0000674	0.000599	0.00177	
2033 Nov	54.6	0.0507	0.0105	0.00104	12	0.0295	4.31	0.00104	0.00104	0.0000522	0.00752	0.00123	0.0104	0.0211	0.0000522	17.9	0.0000191	0.000263	0.000248	0.0000909	0.0686	0.0000104	1.29	2.26	0.0373	0.000268	4.42	0.00124	0.0507	0.000295	0.000166	0.0000663	0.0907	0.00000209	0.0000676	0.000593	0.00176	
2033 Dec	54.6	0.0507	0.0105	0.00104	12	0.0295	4.31	0.00104	0.00104	0.0000522	0.00752	0.00123	0.0104	0.0211	0.0000522	17.9	0.0000191	0.000263	0.000248	0.0000909	0.0686	0.0000104	1.29	2.26	0.0373	0.000268	4.43	0.00124	0.0507	0.000295	0.000166	0.0000664	0.0907	0.00000209	0.0000676	0.000593	0.00177	
2034 Jan	54.6	0.0507	0.0105	0.00104	12	0.0295	4.31	0.00104	0.00104	0.0000522	0.00752	0.00123	0.0104	0.0211	0.0000522	17.9	0.0000191	0.000263	0.000248	0.0000909	0.0686	0.0000104	1.29	2.26	0.0373	0.000268	4.43	0.00124	0.0507	0.000295	0.000166	0.0000664	0.0907	0.00000209	0.0000676	0.000593	0.00177	
2034 Feb	54.6	0.0507	0.0105	0.00104	12	0.0295	4.31	0.00104	0.00104	0.0000522	0.00752	0.00123	0.0104	0.0211	0.0000522	17.9	0.0000191	0.000263	0.000248	0.0000909	0.0686	0.0000104	1.29	2.26	0.0373	0.000268	4.43	0.00124	0.0507	0.000295	0.000166	0.0000664	0.0907	0.00000209	0.0000676	0.000593	0.00177	
2034 Mar	54.6	0.0507	0.0105	0.00104	12	0.0295	4.31	0.00104	0.00104	0.0000522	0.00752	0.00123	0.0104	0.0211	0.0000522	17.9	0.0000191	0.000263	0.000248	0.0000909	0.0686	0.0000104	1.29	2.26	0.0373	0.000268	4.43	0.00124	0.0507	0.000295	0.000166	0.0000664	0.0908	0.00000209	0.0000677	0.000594	0.00177	
2034 Apr	54.8	0.0509	0.0106	0.00105	12.1	0.0297	4.33	0.00105	0.00105	0.0000524	0.00755	0.00124	0.0105	0.0212	0.0000524	17.9	0.0000192	0.000264	0.000249	0.0000913	0.0689	0.0000105	1.3	2.27	0.0375	0.000269	4.44	0.00124	0.0509	0.000296	0.000167	0.0000666	0.0911	0.0000021	0.0000679	0.000596	0.00177	
2034 May	56.2	0.0519	0.0109	0.00106	12.4	0.0299	4.43	0.00106	0.00106	0.0000531	0.00764	0.00126	0.0106	0.0218	0.0000531	18.4	0.0000195	0.00027	0.000259	0.0000931	0.0706	0.0000106	1.33	2.34	0.0392	0.000272	4.56	0.00127	0.0517	0.000311	0.00017	0.0000686	0.0938	0.00000212	0.000069	0.000616	0.0018	
2034 Jun	57.7	0.0512	0.0117	0.00103	12.8	0.0281	4.54	0.00103	0.00103	0.0000517	0.0074	0.00128	0.0102	0.023	0.0000517	19.3	0.0000193	0.00028	0.000286	0.0000933	0.0726	0.0000103	1.36	2.48	0.0445	0.000254	4.69	0.00129	0.0511	0.00036	0.000175	0.0000724	0.0988	0.00000207	0.0000676	0.000666	0.00177	
2034 Jul	57.5	0.0503	0.0116	0.00104	12.7	0.0284	4.52	0.00104	0.00104	0.0000522	0.00743	0.00128	0.0102	0.0229	0.0000522	19.1	0.0000194	0.000279	0.000283	0.0000935	0.0724	0.0000104	1.36	2.46	0.0438	0.000253	4.67	0.00129	0.0514	0.000355	0.000175	0.0000721	0.0981	0.00000209	0.0000677	0.00066	0.00179	
2034 Aug	60.4	0.0528	0.0122	0.0011	13.3	0.03	4.75	0.0011	0.0011	0.0000555	0.00781	0.00135	0.0108	0.024	0.0000555	20.1	0.0000203	0.000293	0.000297	0.0000985	0.0761	0.0000111	1.43	2.58	0.0459	0.000267	4.92	0.00136	0.0541	0.000372	0.000184	0.0000758	0.103	0.00000222	0.0000712	0.000691	0.00188	
2034 Sep	59.6	0.0541	0.0119	0.00109	13.2	0.0302	4.72	0.00109	0.00109	0.0000543	0.00776	0.00133	0.0107	0.0236	0.0000543	19.8	0.0000199	0.000287	0.000288	0.0000976	0.0744	0.0000109	1.41	2.54	0.0443	0.000275	4.85	0.00133	0.0537	0.000357	0.000177	0.000074	0.101	0.00000217	0.0000711	0.000669	0.00184	
2034 Oct	57.2	0.0556	0.0111	0.00105	12.8	0.0301	4.59	0.00105	0.00105	0.0000523	0.00755	0.00128	0.0104	0.0225	0.0000523	19	0.000019	0.000273	0.00027	0.0000945	0.0705	0.0000105	1.35	2.41	0.041	0.000283	4.67	0.00127	0.0522	0.000327	0.000163	0.0000697	0.0966	0.00000209	0.0000696	0.000621	0.00174	
2034 Nov	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.0000524	0.00757	0.00128	0.0104	0.0225	0.0000524	19	0.0000191	0.000273	0.00027	0.0000947	0.0706	0.0000105	1.35	2.42	0.041	0.000284	4.67	0.00127	0.0523	0.000327	0.000162	0.0000697	0.0967	0.0000021	0.0000699	0.000621	0.00174	
2034 Dec	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.0000524	0.00757	0.00128	0.0104	0.0225	0.0000524	19	0.0000191	0.000273	0.000271	0.0000947	0.0706	0.0000105	1.35	2.42	0.041	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000698	0.0967	0.0000021	0.0000699	0.000621	0.00174	
2035 Jan	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.0000524	0.00757	0.00128	0.0104	0.0225	0.0000524	19	0.0000191	0.000273	0.000271	0.0000947	0.0706	0.0000105	1.35	2.42	0.041	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000698	0.0967	0.0000021	0.0000699	0.000621	0.00174	
2035 Feb	57.3	0.0559	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.0000524	0.00757	0.00128	0.0104	0.0225	0.0000524	19	0.0000191	0.000273	0.000271	0.0000947	0.0706	0.0000105	1.35	2.42	0.041	0.000284	4.68	0.00127	0.0523	0.000327	0.000163	0.0000698	0.0967	0.0000021	0.0000699	0.000621	0.00174	
2035 Mar	57.3	0.056	0.0111	0.00105	12.8	0.0302	4.6	0.00105	0.00105	0.0000524	0.00757	0.00128	0.0104	0.0225	0.0000524	19	0.0000191	0.000273	0.000271	0.0000947	0.0706	0.0000105	1.35	2.42	0.041	0.000285	4.68	0.00127	0.0523	0.000327	0.000163	0.0000698	0.0967	0.0000021	0.0000699	0.000621	0.00174	
2035 Apr	57.5	0.0561	0.0112	0.00105	12.9	0.0303	4.62	0.00105	0.00105	0.0000526	0.0076	0.00128	0.0105	0.0226	0.0000526	19.1	0.0000191	0.000274	0.000272	0.0000951	0.0708	0.0000105	1.36	2.43	0.0411	0.000285	4.69	0.00128	0.0525	0.000328	0.000163	0.00007	0.0971	0.0000021	0.0000701	0.000623	0.00175	
2035 May	58.6	0.0571	0.0114	0.00107	13.1	0.0307	4.7	0.00107	0.00107	0.0000534	0.00772	0.0013	0.0106	0.023	0.0000534	19.4	0.0000194	0.000279	0.000277	0.0000967	0.0722	0.0000107	1.38	2.48	0.0421	0.000292	4.78	0.0013	0.0534	0.000336	0.000166	0.0000714	0.099	0.0000021	0.0000713	0.000636	0.00177	
2035 Jun	55.8	0.0508	0.0112	0.00101	12.3	0.0277	4.4	0.00101	0.00101	0.0000506	0.00753	0.00124	0.00998	0.022	0.0000506	18.5	0.000019	0.00027	0.000271	0.0000907	0.0687	0.0000101	1.32	2.37	0.0418	0.000253	4.52	0.00125	0.0505	0.000337	0.000169	0.0000691	0.0947	0.0000021	0.0000703	0.000636	0.00173	
2035 Jul	55.5	0.0496	0.0111	0.00103	12.2	0.0278	4.35	0.00103	0.00103	0.0000513	0.00739	0.00124	0.0101	0.0218	0.0000513	18.4	0.0000193	0.00027	0.000267	0.0000906	0.0684	0.0000103	1.31	2.35	0.0411	0.00025	4.49	0.00125	0.0509	0.00033	0.000173	0.0000688	0.0939	0.00000205	0.0000665	0.000636	0.00177	
2035 Aug	57.1	0.051	0.0114	0.00106	12.6	0.029	4.48	0.00106	0.00106	0.0000529	0.0076	0.00128	0.0105	0.0224	0.0000529	18.9	0.0000197	0.000277	0.000272	0.0000933	0.0701	0.0000106	1.35	2.41	0.0419	0.00026	4.62	0.00129	0.0524	0.000336	0.000177	0.0000708	0.0964	0.00000212	0.0000685	0.000648	0.00182	
2035 Sep	55.5	0.0518	0.0109	0.00103	12.3	0.0291	4.4	0.00103	0.00103	0.0000516	0.00743	0.00124	0.0103	0.0217	0.0000516	18.3	0.0000189	0.000268	0.000259	0.0000913	0.0674	0.0000103	1.31	2.33	0.0395	0.000268	4.51	0.00125	0.0513	0.000314	0.000165	0.000068	0.0932	0.00000207	0.0000675	0.00061	0.00174	
2035 Oct	54.7	0.0532	0.0105	0.00102	12.2	0.0293	4.37	0.00102	0.00102	0.0000051	0.00738	0.00122	0.0102	0.0213	0.0000051	18	0.0000186	0.000262	0.000252	0.0000905	0.0659	0.0000102	1.29	2.28	0.038	0.000276	4.45	0.00122	0.0509	0.0003	0.000159	0.0000663	0.0915	0.00000204	0.0000674	0.000589	0.0017	
2035 Nov	53.9	0.0536	0.0103	0.001	12	0.0292	4.32	0.001	0.001	0.0000502	0.0073	0.0012	0.0101	0.0209	0.0000502	17.7	0.0000182	0.000257	0.000246	0.0000893	0.0645	0.00001	1.27	2.24	0.0369	0.000278	4.38	0.0012	0.0503	0.00029	0.000153	0.0000648	0.0898	0.00000201	0.0000668	0.000573	0.00167	
2035 Dec	53.9	0.0536	0.0103	0.001	12	0.0292	4.32	0.001	0.001	0.0000502	0.0073	0.0012	0.0101	0.0209	0.0000502	17.7	0.0000182	0.000257	0.000246	0.0000894	0.0646	0.00001	1.27	2.24	0.0369	0.000278	4.38	0.0012	0.0503	0.00029	0.000154	0.0000648	0.0898	0.00000201	0.0000668	0.000573	0.00167	
2036 Jan	53.9	0.0536	0.0103	0.001	12	0.0292	4.32	0.001	0.001	0.0000502	0.0073	0.0012	0.0101	0.0209	0.0000502	17.7	0.0000182	0.000257	0.000246	0.0000894	0.0646	0.00001	1.27	2.24	0.0369	0.000278	4.38	0.0012	0.0503	0.00029	0.000154	0.0000648	0.0898	0.00000201	0.0000668	0.000573	0.00167	
2036 Feb	53.9	0.0536	0.0103	0.001	12	0.0292	4.32	0.001	0.001	0.0000502	0.0073	0.0012	0.0101	0.0209	0.0000502	17.7	0.0000182	0.000257	0.000246	0.0000894	0.0646	0.00001	1.27	2.24	0.0369	0.000278	4.38	0.0012	0.0503	0.00029	0.000154	0.0000648	0.0898	0.00000201	0.0000668	0.000573	0.00167	
2036 Mar	53.9	0.0536	0.0103	0.001	12	0.0292	4.32	0.001	0.001	0.0000502	0.0073	0.0012	0.0101	0.0209	0.0000502	17.7	0.0000182	0.000257	0.000246	0.0000894	0.0646	0.00001	1.27	2.24	0.0369	0.000278	4.38	0.0012	0.0503	0.00029	0.000154	0.0000648	0.0898	0.00000201	0.0000668	0.000573	0.00167	
2036 Apr	54.1	0.0539	0.0103	0.00101	12.1	0.0293	4.34	0.00101	0.00101	0.0000504	0.00733	0.00121	0.0102	0.021	0.0000504	17.8	0.0000183	0.000258	0.000247	0.0000898	0.0649	0.0000101	1.27	2.25	0.0371	0.000279	4.4	0.00121	0.0506	0.000292	0.000154	0.0000651	0.0903	0.00000202	0.0000671	0.000576	0.00167	
2036 May	55.1	0.0548	0.0105	0.00103	12.3	0.0298	4.42	0.00103	0.00103	0.0000513	0.00745	0.00123	0.0103	0.0214	0.0000513	18.1	0.0000186	0.000263	0.000252	0.0000913	0.0661	0.0000103	1.3	2.29	0.0378	0.000284	4.48	0.00123	0.0514	0.000297	0.000157	0.0000663	0.092	0.00000205	0.0000683	0.000587	0.0017	
2036 Jun	52.6	0.0496	0.0102	0.000999	11.6	0.028	4.14	0.000999	0.000999	0.000005	0.00727	0.00118	0.01	0.0203	0.000005	17.2	0.0000186	0.000254	0.000239	0.0000869	0.0631	0.00000999	1.24	2.18	0.0361	0.000258	4.25	0.00119	0.0497	0.000284	0.000161	0.0000637	0.0873	0.000002	0.0000651	0.000578	0.0017	
2036 Jul	51.8	0.0473	0.00999	0.00101	11.3	0.0279	4.04	0.00101	0.00101	0.0000503	0.00729	0.00117	0.0101	0.0199	0.0000503	16.8	0.0000182	0.000251	0.000232	0.0000886	0.0622	0.0000101	1.23	2.13	0.0349	0.000251	4.17	0.00118	0.0497	0.000274	0.000165	0.0000627	0.0854	0.00000201	0.0000645	0.000571	0.00172	
2036 Aug	54	0.0492	0.0104	0.00105	11.7	0.0292	4.21	0.00105	0.00105	0.0000524	0.00758	0.00122	0.0105	0.0207	0.0000524	17.5	0.0000194	0.000261	0.000241	0.0000897	0.0647	0.0000105	1.28	2.21	0.0362	0.000262	4.35	0.00123	0.0518	0.000284	0.000171	0.0000653	0.0889	0.0000021	0.0000672	0.000592	0.00179	
2036 Sep	54	0.0499	0.0103	0.00105	11.8	0.0296	4.23	0.00105	0.00105	0.0000525	0.00759	0.00122	0.0105	0.0206	0.0000525	17.5	0.0000193	0.000261	0.000239	0.0000899	0.0644	0.0000105	1.28	2.21	0.0358	0.000268	4.35	0.00123	0.0519	0.00028	0.000168	0.0000651	0.0888	0.0000021	0.0000675	0.000585	0.00179	
2036 Oct	53.1	0.0511	0.01	0.00103	11.7	0.0296	4.2	0.00103	0.00103	0.0000517	0.00751	0.0012	0.0104	0.0202	0.0000517	17.2	0.0000189	0.000255	0.000232	0.0000889	0.063	0.0000103	1.25	2.17	0.0345	0.000274	4.29	0.00121	0.0514	0.000268	0.000161	0.0000634	0.0871	0.00000207	0.0000672	0.000565	0.00174	
2036 Nov	52.9	0.0514	0.00994	0.00103	11.6	0.0296	4.19	0.00103	0.00103	0.0000515	0.00749	0.00119	0.0104	0.0201	0.0000515	17.1	0.0000188	0.000254	0.00023	0.0000886	0.0626	0.0000103	1.25	2.15	0.0342	0.000275	4.27	0.0012	0.0512	0.000265	0.00016	0.000063	0.0867	0.00000206	0.0000671	0.000559	0.00173	
2036 Dec	52.8	0.0515	0.00991	0.00103	11.6	0.0296	4.18	0.00103	0.00103	0.0000514

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2039 Dec	56.3	0.0489	0.0111	0.00108	12.3	0.0299	4.41	0.00108	0.00108	0.00000539	0.00764	0.00128	0.0106	0.022	0.00000539	18.5	0.0000195	0.000271	0.000261	0.000937	0.0672	0.0000108	1.34	2.35	0.0398	0.000261	4.58	0.00128	0.0538	0.000318	0.000176	0.0000696	0.0944	0.00000216	0.0000686	0.000624	0.00183	
2040 Jan	56.3	0.0489	0.0111	0.00108	12.3	0.0299	4.41	0.00108	0.00108	0.00000539	0.00764	0.00128	0.0106	0.022	0.00000539	18.5	0.0000195	0.000271	0.000261	0.000937	0.0672	0.0000108	1.34	2.35	0.0398	0.000261	4.58	0.00128	0.0538	0.000318	0.000176	0.0000696	0.0944	0.00000216	0.0000686	0.000624	0.00183	
2040 Feb	56.3	0.0489	0.0111	0.00108	12.3	0.0299	4.41	0.00108	0.00108	0.00000539	0.00764	0.00128	0.0106	0.022	0.00000539	18.5	0.0000195	0.000271	0.000261	0.000937	0.0672	0.0000108	1.34	2.35	0.0398	0.000261	4.58	0.00128	0.0538	0.000318	0.000176	0.0000696	0.0944	0.00000216	0.0000686	0.000624	0.00183	
2040 Mar	56.4	0.0489	0.0111	0.00108	12.3	0.03	4.41	0.00108	0.00108	0.00000539	0.00765	0.00128	0.0106	0.022	0.00000539	18.5	0.0000196	0.000272	0.000262	0.000938	0.0672	0.0000108	1.34	2.36	0.0398	0.000261	4.58	0.00129	0.0538	0.000319	0.000176	0.0000697	0.0944	0.00000216	0.0000687	0.000625	0.00184	
2040 Apr	56.5	0.049	0.0111	0.00108	12.4	0.03	4.43	0.00108	0.00108	0.00000541	0.00767	0.00128	0.0106	0.0221	0.00000541	18.6	0.0000196	0.000272	0.000262	0.00094	0.0674	0.0000108	1.34	2.36	0.0399	0.000261	4.59	0.00129	0.054	0.000319	0.000176	0.0000698	0.0947	0.00000216	0.0000688	0.000626	0.00184	
2040 May	57.6	0.0499	0.0114	0.00109	12.6	0.0303	4.51	0.00109	0.00109	0.00000546	0.00775	0.0013	0.0107	0.0226	0.00000546	19	0.0000198	0.000278	0.00027	0.000955	0.0687	0.0000109	1.37	2.42	0.0413	0.000264	4.68	0.00131	0.0546	0.000331	0.000179	0.0000714	0.0968	0.00000219	0.0000697	0.000642	0.00186	
2040 Jun	57.8	0.0481	0.0119	0.00104	12.7	0.0277	4.51	0.00104	0.00104	0.00000521	0.00736	0.00129	0.0101	0.0232	0.00000521	19.3	0.0000194	0.000282	0.00029	0.000935	0.0698	0.0000104	1.37	2.49	0.0454	0.00024	4.7	0.0013	0.0526	0.000371	0.000181	0.0000734	0.0994	0.00000208	0.0000669	0.000679	0.00181	
2040 Jul	58.8	0.0485	0.0121	0.00107	12.9	0.0283	4.57	0.00107	0.00107	0.00000534	0.00755	0.00132	0.0104	0.0235	0.00000534	19.6	0.00002	0.000287	0.000293	0.000952	0.0709	0.0000107	1.4	2.53	0.0459	0.000244	4.77	0.00133	0.0538	0.000374	0.000186	0.0000746	0.101	0.00000214	0.0000683	0.000691	0.00186	
2040 Aug	60.1	0.0494	0.0124	0.0011	13.2	0.0293	4.68	0.0011	0.0011	0.00000549	0.00772	0.00135	0.0106	0.024	0.00000549	20	0.0000203	0.000292	0.000299	0.000977	0.0725	0.000011	1.43	2.58	0.0466	0.000251	4.89	0.00136	0.0552	0.00038	0.000189	0.0000763	0.103	0.0000022	0.00007	0.000701	0.0019	
2040 Sep	60.3	0.0501	0.0123	0.0011	13.3	0.0298	4.71	0.0011	0.0011	0.00000552	0.00775	0.00135	0.0107	0.024	0.00000552	20.1	0.0000202	0.000293	0.000297	0.000981	0.0724	0.000011	1.43	2.58	0.0462	0.000257	4.91	0.00136	0.0554	0.000376	0.000187	0.0000763	0.103	0.00000221	0.0000704	0.000694	0.0019	
2040 Oct	60.4	0.0509	0.0123	0.00111	13.3	0.0301	4.73	0.00111	0.00111	0.00000554	0.0078	0.00136	0.0108	0.0241	0.00000554	20.1	0.0000202	0.000293	0.000297	0.000986	0.0724	0.0000111	1.44	2.59	0.0461	0.000262	4.92	0.00136	0.0557	0.000374	0.000186	0.0000763	0.103	0.00000221	0.0000709	0.000693	0.0019	
2040 Nov	60.6	0.0511	0.0123	0.00111	13.4	0.0302	4.74	0.00111	0.00111	0.00000555	0.00782	0.00136	0.0108	0.0241	0.00000555	20.2	0.0000203	0.000294	0.000297	0.000988	0.0726	0.0000111	1.44	2.59	0.0462	0.000263	4.94	0.00137	0.0558	0.000375	0.000187	0.0000765	0.104	0.00000222	0.0000711	0.000694	0.0019	
2040 Dec	60.6	0.0511	0.0123	0.00111	13.4	0.0302	4.75	0.00111	0.00111	0.00000555	0.00782	0.00136	0.0108	0.0241	0.00000555	20.2	0.0000203	0.000294	0.000298	0.000989	0.0726	0.0000111	1.44	2.59	0.0462	0.000263	4.94	0.00137	0.0558	0.000375	0.000187	0.0000765	0.104	0.00000222	0.0000712	0.000694	0.0019	
2041 Jan	60.6	0.0511	0.0123	0.00111	13.4	0.0302	4.75	0.00111	0.00111	0.00000555	0.00782	0.00136	0.0108	0.0241	0.00000555	20.2	0.0000203	0.000294	0.000298	0.000989	0.0726	0.0000111	1.44	2.59	0.0462	0.000263	4.94	0.00137	0.0558	0.000375	0.000187	0.0000765	0.104	0.00000222	0.0000712	0.000694	0.0019	
2041 Feb	60.6	0.0511	0.0123	0.00111	13.4	0.0302	4.75	0.00111	0.00111	0.00000555	0.00782	0.00136	0.0108	0.0241	0.00000555	20.2	0.0000203	0.000294	0.000298	0.000989	0.0726	0.0000111	1.44	2.59	0.0462	0.000263	4.94	0.00137	0.0558	0.000375	0.000187	0.0000765	0.104	0.00000222	0.0000712	0.000694	0.0019	
2041 Mar	60.7	0.0512	0.0123	0.00111	13.4	0.0302	4.75	0.00111	0.00111	0.00000556	0.00783	0.00136	0.0108	0.0241	0.00000556	20.2	0.0000203	0.000294	0.000298	0.000989	0.0727	0.0000111	1.44	2.59	0.0462	0.000263	4.94	0.00137	0.0559	0.000375	0.000187	0.0000765	0.104	0.00000222	0.0000712	0.000695	0.0019	
2041 Apr	60.8	0.0513	0.0124	0.00111	13.4	0.0303	4.76	0.00111	0.00111	0.00000557	0.00784	0.00136	0.0109	0.0242	0.00000557	20.2	0.0000204	0.000295	0.000298	0.000991	0.0728	0.0000111	1.44	2.6	0.0463	0.000264	4.95	0.00137	0.056	0.000376	0.000187	0.0000767	0.104	0.00000223	0.0000713	0.000696	0.00191	
2041 May	61.4	0.0518	0.0125	0.00112	13.5	0.0305	4.81	0.00112	0.00112	0.00000561	0.00791	0.00138	0.011	0.0244	0.00000561	20.5	0.0000205	0.000298	0.000302	0.001	0.0736	0.0000112	1.46	2.63	0.0469	0.000266	5	0.00138	0.0565	0.00038	0.000189	0.0000775	0.105	0.00000225	0.000072	0.000704	0.00192	
2041 Jun	56.9	0.0455	0.0116	0.00108	12.3	0.0285	4.36	0.00108	0.00108	0.0000054	0.00766	0.00128	0.0106	0.0223	0.0000054	18.7	0.0000203	0.000279	0.000271	0.000929	0.0681	0.0000108	1.35	2.39	0.0421	0.000239	4.59	0.0013	0.0537	0.00034	0.00019	0.0000716	0.0958	0.00000216	0.0000676	0.000664	0.0019	
2041 Jul	52.7	0.0403	0.0107	0.00103	11.2	0.0269	3.98	0.00103	0.00103	0.00000517	0.00733	0.0012	0.0101	0.0204	0.00000517	17.2	0.0000195	0.00026	0.000244	0.000866	0.063	0.0000103	1.26	2.19	0.0378	0.000218	4.22	0.00123	0.0509	0.000304	0.000184	0.0000662	0.0877	0.00000207	0.0000634	0.000618	0.00184	
2041 Aug	54.7	0.0418	0.011	0.00108	11.7	0.0281	4.13	0.00108	0.00108	0.00000538	0.0076	0.00125	0.0105	0.0212	0.00000538	17.8	0.0000202	0.000269	0.000252	0.0009	0.0653	0.0000108	1.31	2.27	0.039	0.000228	4.39	0.00127	0.0529	0.000313	0.00019	0.0000686	0.0909	0.00000215	0.0000659	0.000636	0.0019	
2041 Sep	55	0.0426	0.011	0.00108	11.8	0.0287	4.18	0.00108	0.00108	0.00000542	0.00765	0.00125	0.0106	0.0213	0.00000542	17.9	0.0000201	0.00027	0.000252	0.000908	0.0655	0.0000108	1.31	2.28	0.0389	0.000235	4.42	0.00128	0.0533	0.000311	0.000189	0.0000689	0.0914	0.00000217	0.0000666	0.000634	0.00191	
2041 Oct	54.8	0.0438	0.0109	0.00108	11.8	0.0289	4.18	0.00108	0.00108	0.00000539	0.00764	0.00125	0.0106	0.0211	0.00000539	17.8	0.00002	0.000268	0.000249	0.000906	0.0649	0.0000108	1.31	2.26	0.0382	0.00024	4.4	0.00127	0.0532	0.000304	0.000185	0.0000682	0.0908	0.00000216	0.0000667	0.000623	0.00189	
2041 Nov	54.9	0.0441	0.0109	0.00108	11.8	0.029	4.19	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.00002	0.000269	0.00025	0.000909	0.0651	0.0000108	1.31	2.27	0.0382	0.000242	4.42	0.00127	0.0534	0.000305	0.000185	0.0000683	0.091	0.00000216	0.00006	0.000624	0.00189	
2041 Dec	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.00002	0.000269	0.00025	0.000909	0.0651	0.0000108	1.31	2.27	0.0383	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000683	0.0911	0.00000216	0.00006	0.000625	0.00189	
2042 Jan	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.00002	0.000269	0.00025	0.00091	0.0651	0.0000108	1.31	2.27	0.0383	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000683	0.0911	0.00000216	0.00006	0.000625	0.00189	
2042 Feb	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.00002	0.000269	0.00025	0.00091	0.0651	0.0000108	1.31	2.27	0.0383	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000683	0.0911	0.00000216	0.00006	0.000625	0.00189	
2042 Mar	55	0.0441	0.0109	0.00108	11.8	0.029	4.2	0.00108	0.00108	0.00000541	0.00767	0.00125	0.0107	0.0212	0.00000541	17.9	0.0000201	0.000269	0.00025	0.00091	0.0651	0.0000108	1.31	2.27	0.0383	0.000242	4.42	0.00127	0.0534	0.000305	0.000186	0.0000684	0.0911	0.00000217	0.00006	0.000625	0.00189	
2042 Apr	55.2	0.0443	0.011	0.00109	11.9	0.0291	4.22	0.00109	0.00109	0.00000544	0.00771	0.00126	0.0107	0.0213	0.00000544	18	0.0000201	0.00027	0.000251	0.000914	0.0654	0.0000109	1.32	2.28	0.0385	0.000243	4.44	0.00128	0.0537	0.000306	0.000187	0.0000687	0.0915	0.00000218	0.0000673	0.000628	0.0019	
2042 May	56.3	0.0452	0.0112	0.00111	12.1	0.0296	4.3	0.00111	0.00111	0.00000553	0.00783	0.00128	0.0109	0.0218	0.00000553	18.3	0.0000205	0.000276	0.000257	0.000931	0.0668	0.0000111	1.34	2.33	0.0395	0.000247	4.53	0.0013	0.0546	0.000315	0.00019	0.0000701	0.0935	0.00000221	0.0000685	0.000642	0.00193	
2042 Jun	53.6	0.0413	0.0107	0.00107	11.4	0.0281	4.03	0.00107	0.00107	0.00000537	0.00764	0.00122	0.0106	0.0205	0.00000537	17.3	0.0000203	0.000265	0.000241	0.000886	0.0635	0.0000107	1.28	2.19	0.037	0.000229	4.28	0.00126	0.0527	0.000294	0.00019	0.0000668	0.0882	0.00000215	0.0000656	0.000621	0.00191	
2042 Jul	51.6	0.0383	0.0102	0.00106	10.8	0.0275	3.85	0.00106	0.00106	0.00000528	0.00749	0.00119	0.0104	0.0196	0.00000528	16.5	0.0000199	0.000255	0.000227	0.000859	0.0612	0.0000106	1.24	2.09	0.0347	0.000218	4.11	0.00122	0.0515	0.000275	0.000188	0.0000641	0.0842	0.00000211	0.0000636	0.000596	0.00189	
2042 Aug	50.4	0.0377	0.00988	0.00104	10.7	0.028	3.79	0.00104	0.00104	0.0000052	0.00729	0.00117	0.0103	0.0191	0.0000052	16.2	0.0000188	0.000247	0.000217	0.000845	0.0593	0.0000104	1.21	2.03	0.033	0.000224	4.04	0.00119	0.0504	0.000259	0.000177	0.0000626	0.0821	0.00000208	0.0000626	0.000561	0.00182	
2042 Sep	50	0.0385	0.00966	0.00103	10.7	0.0285	3.79	0.00103	0.00103	0.00000517	0.00722	0.00116	0.0104	0.0189	0.00000517	16	0.0000183	0.000244	0.000212	0.000839	0.0581	0.0000103	1.2	2	0.0319	0.000234	4.02	0.00118	0.05	0.000249	0.00017	0.0000618	0.0812	0.00000207	0.0000624	0.00054	0.00178	
2042 Oct	49.6	0.0397	0.00949	0.00102	10.6	0.0286	3.79	0.00102	0.00102	0.00000512	0.00718	0.00115	0.0103	0.0187	0.00000512	15.9	0.0000181	0.000241	0.000208	0.000836	0.0574	0.0000102	1.19	1.98	0.0312	0.000239	3.99	0.00117	0.0498	0.000242	0.000166	0.0000609	0.0804	0.00000205	0.0000624	0.000529	0.00176	
2042 Nov	49.7	0.0399	0.00952	0.00103	10.6	0.0287	3.8	0.00103	0.00103	0.00000514	0.00721	0.00115	0.0103	0.0187	0.00000514	15.9	0.0000181	0.000242	0.000209	0.000838	0.0576	0.0000103	1.19	1.99	0.0312	0.00024	4	0.00117	0.0499	0.000242	0.000166	0.000061	0.0806	0.00000205	0.0000626	0.00053	0.00176	
2042 Dec	49.8	0.0399	0.00952	0.00103	10.6	0.0287	3.8	0.00103	0.00103	0.00000514	0.00721	0.00115	0.0103	0.0187	0.00000514	15.9	0.0000181	0.000242	0.000209	0.000838	0.0576	0.0000103	1.19	1.99	0.0313	0.00024	4.01	0.00117	0.0499	0.000243	0.000166	0.0000611	0.0806	0.00000206	0.0000626	0.00053	0.00176	
2043 Jan	49.8	0.0399	0.00952	0.00103	10.6	0.0287	3.8	0.00103	0.00103	0.00000514	0.00721	0.00115	0.0103	0.0187	0.00000514	15.9	0.0000181	0.000242	0.000209	0.000838	0.0576	0.0000103	1.19	1.99	0.0313	0.00024	4.01	0.00117	0.0499	0.000243	0.000166	0.0000611	0.0806	0.00000206	0.0000626	0.00053	0.00176	
2043 Feb	49.8	0.0399	0.00952	0.00103	10.7	0.0287	3.8	0.00103	0.00103	0.00000514	0.00721	0.00115	0.0103	0.0187	0.00000514	15.9	0.0000181	0.000242	0.000209	0.000838	0.0576	0.0000103	1.19	1.99	0.0313	0.00024	4.01	0.00117	0.0499	0.000243	0.000166	0.0000611	0.0806	0.00000206	0.0000626	0.00053	0.00176	
2043 Mar	49.8	0.0399	0.00952	0.00103	10.7	0.0287	3.8	0.00103	0.00103	0.00000514	0.00721	0.00115	0.0103	0.0188	0.00000514	15.9	0.0000181	0.000242	0.000209	0.000839	0.0576	0.0000103	1.19	1.99	0.0313	0.00024	4.01	0.00117	0.0499	0.000243	0.000166	0.0000611	0.0806	0.00000206	0.0000627	0.00053	0.00176	
2043 Apr	50	0.0401	0.00956	0.00103	10.7	0.0288	3.82	0.00103	0.00103	0.00000516	0.00724	0.00115	0.0104	0.0188	0.00000516	16	0.0000182	0.000243	0.00021	0.000842	0.0579	0.0000103	1.2	2	0.0314	0.000241	4.02	0.00117	0.0501	0.000244	0.000167	0.0000613	0.081	0.00000206	0.0000629	0.000533	0.00177	
2043 May	51.2	0.041	0.00984	0.00105	11	0.0292	3.91	0.00105	0.00105	0.00000525	0.00736	0.00118	0.0105	0.0194	0.00000525	16.4	0.0000186	0.000249	0.000217	0.00086	0.0594	0.0000105	1.23	2.06	0.0326	0.000245	4.12	0.0012	0.0511	0.000254	0.00017	0.0000633	0.0832	0.0000021	0.0000641	0.000548	0.0018	
2043 Jun	52.6	0.0411	0.0106	0.00102	11.4	0.0273	4.02	0.00102	0.00102	0.00000509	0.00713	0.00119	0.0101	0.0205	0.00000509	17.2	0.0000185	0.000258	0.000244	0.000861	0.062	0.0000102	1.26	2.19	0.0378	0.000228	4.25	0.00121	0.0501	0.000302	0.000174	0.0000664	0.088	0.00000204	0.0000629	0.000598	0.00177	
2043 Jul	54.4	0.0419	0.0109	0.00106	11.7	0.0284	4.15	0.00106	0.00106	0.0000053	0.00741	0.00124	0.0105	0.0211	0.00000553	17.8	0.0000193	0.000267	0.000251	0.000893	0.0641	0.0000106	1.3	2.26	0.0387	0.000235	4.39	0.00126	0.0521	0.00031	0.000181	0.0000685	0.0907	0.00000212	0.0000652	0.000618	0.00185	
2043 Aug	56.4	0.0436	0.0113	0.0011	12.2	0.0298	4.31	0.0011	0.0011	0.00000551	0.00768	0.00129	0.0109	0.0219	0.00000551	18.4	0.0000198	0.000276	0.000259	0.000927	0.0663	0.000011	1.35	2.34	0.0399	0.000247	4.55	0.00131	0.0541	0.000318	0.000187	0.0000711	0.094	0.0000022	0.0000677	0.000635	0.00191	
2043 Sep	56.6	0.0443	0.0113	0.00111	12.2	0.0302	4.34	0.00111	0.00111	0.00000553	0.00771	0.00129	0.011	0.0219	0.00000553	18.5	0.0000197	0.000276	0.000258	0.000931	0.0663	0.0000111	1.35	2.34	0.0396	0.000253	4.57	0.00131	0.0543	0.000315	0.000185	0.0000711	0.0942	0.00000221	0.0000681	0.000629	0.00191	
2043 Oct	56.2	0.0459	0.0111	0.0011	12.2	0.0305	4.34	0.0011	0.0011	0.0000055	0.0077	0.00128	0.011	0.0217	0.0000055	18.3	0.0000196	0.000273	0.000254	0.00093	0.0655	0.0000111	1.34	2.32	0.0387	0.000261	4.55	0.0013	0.0542	0.000306	0.00018	0.0000701	0.0933	0.0000022	0.0000684	0.000616	0.00188	
2043 Nov	55.9	0.047	0.0109	0.00109	12.2	0.0307	4.34	0.00109	0.00109	0.00000547	0.00769	0.00127	0.011	0.0215	0.00000547	18.2	0.0000194	0.000271	0.00025	0.000927	0.0649	0.0000109	1.33	2.3	0.038	0.000266	4.53	0.00129	0.054	0.000299	0.000176	0.0000692	0.0926	0.00000219	0.0000685	0.000605	0.00186	
2043 Dec	55.9	0.047	0.0109	0.00109	12.2	0.0307	4.34	0.00109	0.00109	0.00000547	0.00769	0.00127	0.011	0.0215	0.00000547	18.2	0.0000194	0.000271	0.00025	0.000928	0.065	0.0000109	1.33	2.3	0.038	0.000266	4.53	0.00129	0.054	0.000299	0.000176	0.0000693	0.0927	0.00000219	0.0000685	0.000606	0.00186	
2044 Jan	56	0.047	0.011	0.0011	12.2	0.0307	4.37	0.0011	0.0011	0.00000547	0.00769	0.00127	0.011	0.0215	0.00000547	18.2	0.0000194	0.000272	0.00025	0.000928	0.065	0.0000109	1.33	2.3	0.038	0.000266	4.54	0.00129	0.054	0.000299	0.000176	0.0000693	0.0927	0.00000219	0.0000686	0.000606	0.00186	
2044 Feb	56.1	0.0471	0.011	0.0011	12.2	0.0307	4.39	0.0011	0.0011	0.00000548	0.0077	0.00127	0.011	0.0216	0.00000548	18.3	0.0000194	0.000272	0.000251	0.000929	0.065	0.000011	1.34	2.31	0.038	0.000267	4.55	0.00129	0.0541	0.0003	0.000176	0.0000694	0.0928	0.00000219	0.0000692	0.000606	0.00186	
2044 Mar	56.1	0.0471	0.011	0.0011	12.2	0.0307	4.39	0.0011	0.0011	0.00000548	0.0077	0.00128	0.011	0.0216	0.00000548	18.3	0.0000194	0.000273	0.000251	0.000929	0.0651	0.000011	1.34	2.31	0.0381	0.000267	4.55	0.00129	0.0541	0.0003	0.000177	0.0000694	0.0929	0.00000219	0.0000693	0.000607	0.00186	
2044 Apr	56.2	0.0472	0.011	0.0011	12.3	0.0308	4.4	0.0011	0.0011	0.00000549	0.00772	0.00128	0.0111	0.0216	0.00000549	18.3	0.0000195	0.000273	0.000251	0.000931	0.0652	0.000011	1.34	2.31	0.0382	0.000267	4.56	0.00129	0.0542	0.000301	0.000177	0.0000696	0.0931	0.0000022	0.0000694	0.000608	0.00187	
2044 May	57.3	0.0479	0.0115	0.00112	12.5	0.0313	4.61	0.00111	0.00111	0.00000556	0.00782	0.0013	0.0113	0.0219	0.00000557	18.6	0.0000198	0.00028	0.000255	0.000944	0.0661	0.0000111	1.36	2.36	0.0388	0.000273	4.66	0.00132	0.0549	0.000305	0.00018	0.0000708	0.0948	0.00000223	0.0000724	0.000617	0.00189	
2044 Jun	64.5	0.0431	0.0216	0.00124	13.6	0.0306	9.95	0.00104	0.00104	0.00000523	0.00746	0.00126	0.0156	0.02	0.0000053	17.9	0.0000202	0.000394	0.000

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2047 Jun	305	0.0907	0.207	0.00441	56.7	0.0866	132	0.000917	0.000917	0.00000535	0.00855	0.00294	0.119	0.0281	0.0000068	43.7	0.0000372	0.00321	0.000334	0.00126	0.0588	0.0000176	6.42	17.2	0.0769	0.00188	34.4	0.0104	0.0457	0.000294	0.000648	0.000304	0.366	0.00000255	0.00193	0.000819	0.00212	
2047 Jul	324	0.095	0.22	0.00467	59.8	0.0919	141	0.000957	0.000957	0.0000056	0.00897	0.00311	0.127	0.0294	0.00000715	46.2	0.0000393	0.00342	0.000348	0.00132	0.0611	0.0000185	6.83	18.3	0.0808	0.002	36.4	0.0111	0.0476	0.000302	0.000688	0.000323	0.388	0.00000268	0.00206	0.000857	0.00223	
2047 Aug	347	0.101	0.236	0.00498	63.9	0.0986	153	0.000992	0.000992	0.00000584	0.00938	0.00331	0.137	0.0309	0.00000752	49.2	0.0000416	0.00369	0.000365	0.00139	0.0632	0.0000196	7.34	19.8	0.0855	0.00216	38.9	0.012	0.0493	0.000311	0.000736	0.000347	0.417	0.00000281	0.00223	0.000894	0.00233	
2047 Sep	369	0.105	0.249	0.00521	67	0.105	165	0.000973	0.000973	0.00000582	0.00942	0.00346	0.147	0.0313	0.00000763	51.5	0.0000427	0.00396	0.000367	0.00143	0.0617	0.0000202	7.81	21.1	0.0879	0.00232	41	0.0128	0.0484	0.000298	0.000772	0.000368	0.441	0.00000284	0.0024	0.000891	0.00231	
2047 Oct	391	0.11	0.263	0.00544	70.3	0.111	177	0.000948	0.000948	0.00000577	0.00949	0.00362	0.158	0.0317	0.00000772	53.9	0.0000441	0.00425	0.000369	0.00146	0.0602	0.0000208	8.3	22.6	0.0904	0.00249	43.2	0.0137	0.0474	0.000285	0.00081	0.000389	0.467	0.00000286	0.00258	0.000889	0.0023	
2047 Nov	398	0.112	0.268	0.00552	71.4	0.113	182	0.000943	0.000943	0.00000577	0.00953	0.00367	0.161	0.0319	0.00000777	54.7	0.0000446	0.00434	0.000371	0.00147	0.0598	0.0000021	8.46	23.1	0.0913	0.00255	43.9	0.014	0.0473	0.000281	0.000824	0.000397	0.476	0.00000287	0.00264	0.000891	0.0023	
2047 Dec	400	0.112	0.269	0.00555	71.7	0.113	183	0.000942	0.000942	0.00000578	0.00954	0.00368	0.162	0.0319	0.00000778	54.9	0.0000447	0.00437	0.000371	0.00148	0.0598	0.0000211	8.5	23.2	0.0916	0.00256	44.1	0.0141	0.0473	0.000281	0.000827	0.000399	0.478	0.00000288	0.00266	0.000892	0.0023	
2048 Jan	401	0.113	0.27	0.00555	71.8	0.114	183	0.000942	0.000942	0.00000578	0.00954	0.00369	0.162	0.032	0.00000779	55	0.0000447	0.00437	0.000372	0.00148	0.0598	0.0000211	8.52	23.2	0.0917	0.00257	44.2	0.0141	0.0473	0.000281	0.000828	0.000399	0.479	0.00000288	0.00266	0.000893	0.0023	
2048 Feb	401	0.113	0.27	0.00555	71.8	0.114	183	0.000943	0.000943	0.00000578	0.00955	0.00369	0.162	0.032	0.00000779	55	0.0000448	0.00437	0.000372	0.00148	0.0599	0.0000211	8.52	23.2	0.0917	0.00257	44.2	0.0141	0.0473	0.000281	0.000828	0.000399	0.479	0.00000288	0.00266	0.000893	0.0023	
2048 Mar	401	0.113	0.27	0.00555	71.8	0.114	183	0.000943	0.000943	0.00000578	0.00955	0.00369	0.162	0.032	0.00000779	55	0.0000448	0.00437	0.000372	0.00148	0.0599	0.0000211	8.52	23.2	0.0917	0.00257	44.2	0.0141	0.0473	0.000281	0.000828	0.000399	0.479	0.00000288	0.00266	0.000893	0.0023	
2048 Apr	402	0.113	0.271	0.00557	72	0.114	184	0.000946	0.000946	0.00000578	0.00958	0.0037	0.163	0.0321	0.00000782	55.2	0.0000449	0.00439	0.000373	0.00148	0.0601	0.0000212	8.55	23.3	0.0921	0.00258	44.4	0.0142	0.0474	0.000282	0.000831	0.000401	0.481	0.00000289	0.00267	0.000896	0.00231	
2048 May	408	0.115	0.275	0.00565	73.1	0.116	186	0.000959	0.000959	0.00000588	0.00971	0.00376	0.165	0.0326	0.00000793	56	0.0000455	0.00445	0.000379	0.0015	0.061	0.0000215	8.67	23.6	0.0934	0.00261	45	0.0144	0.0481	0.000286	0.000843	0.000406	0.487	0.00000293	0.00271	0.000909	0.00234	
2048 Jun	333	0.0933	0.221	0.00469	59.5	0.0961	150	0.000932	0.000932	0.00000553	0.00901	0.00316	0.135	0.0279	0.00000718	46.5	0.0000403	0.00361	0.000319	0.0013	0.0556	0.0000189	7.11	19.2	0.0774	0.00212	36.5	0.0117	0.0459	0.000246	0.000715	0.000333	0.399	0.00000268	0.00219	0.000811	0.00222	
2048 Jul	288	0.0798	0.188	0.00411	51.1	0.0847	128	0.000927	0.000927	0.00000538	0.00865	0.0028	0.116	0.0251	0.00000679	40.8	0.0000372	0.00311	0.000283	0.00119	0.0525	0.0000174	6.17	16.5	0.0675	0.00182	31.2	0.0101	0.045	0.000219	0.00064	0.00029	0.347	0.00000255	0.00187	0.000751	0.00217	
2048 Aug	314	0.0843	0.203	0.00438	54.7	0.0923	142	0.000936	0.000936	0.00000555	0.00886	0.00301	0.128	0.0262	0.00000706	43.9	0.000039	0.00342	0.000293	0.00125	0.0528	0.0000184	6.75	18.1	0.0716	0.00201	33.5	0.0111	0.0453	0.000216	0.000687	0.000316	0.377	0.00000264	0.00207	0.000766	0.00221	
2048 Sep	339	0.0891	0.217	0.00462	58.1	0.0995	156	0.000922	0.000922	0.00000552	0.00897	0.00321	0.14	0.027	0.00000724	46.9	0.0000405	0.00375	0.000301	0.0013	0.052	0.0000192	7.31	19.8	0.0753	0.0022	35.7	0.0121	0.0447	0.000209	0.000733	0.000342	0.408	0.00000269	0.00228	0.000774	0.00222	
2048 Oct	357	0.0932	0.228	0.00479	60.5	0.105	167	0.000905	0.000905	0.00000555	0.00905	0.0034	0.149	0.0276	0.00000734	49	0.0000417	0.00398	0.000305	0.00133	0.0513	0.0000197	7.73	21	0.0778	0.00234	37.3	0.0129	0.0441	0.000203	0.000766	0.000361	0.43	0.00000272	0.00243	0.000778	0.00221	
2048 Nov	363	0.0948	0.231	0.00485	61.3	0.106	170	0.000903	0.000903	0.00000551	0.0091	0.00339	0.152	0.0278	0.00000738	49.7	0.0000422	0.00406	0.000308	0.00134	0.0512	0.0000199	7.86	21.4	0.0787	0.00239	37.9	0.0131	0.0441	0.000201	0.000776	0.000367	0.438	0.00000273	0.00248	0.000781	0.00221	
2048 Dec	363	0.0949	0.231	0.00486	61.4	0.107	170	0.000903	0.000903	0.00000551	0.0091	0.00339	0.152	0.0278	0.00000739	49.7	0.0000422	0.00407	0.000308	0.00134	0.0512	0.0000199	7.88	21.4	0.0788	0.00239	37.9	0.0131	0.0441	0.000201	0.000777	0.000367	0.438	0.00000273	0.00248	0.000782	0.00221	
2049 Jan	363	0.0949	0.231	0.00486	61.4	0.107	170	0.000904	0.000904	0.00000551	0.00911	0.00339	0.152	0.0278	0.00000739	49.7	0.0000422	0.00407	0.000308	0.00134	0.0512	0.0000199	7.88	21.4	0.0788	0.00239	37.9	0.0131	0.0441	0.000201	0.000777	0.000367	0.438	0.00000273	0.00248	0.000782	0.00221	
2049 Feb	363	0.0949	0.231	0.00486	61.4	0.107	170	0.000904	0.000904	0.00000551	0.00911	0.00339	0.152	0.0278	0.00000739	49.8	0.0000422	0.00407	0.000308	0.00134	0.0512	0.0000199	7.88	21.4	0.0788	0.00239	37.9	0.0131	0.0441	0.000201	0.000777	0.000367	0.438	0.00000273	0.00248	0.000782	0.00221	
2049 Mar	363	0.095	0.231	0.00486	61.4	0.107	170	0.000904	0.000904	0.00000552	0.00911	0.00339	0.152	0.0278	0.0000074	49.8	0.0000422	0.00407	0.000308	0.00135	0.0513	0.0000199	7.88	21.4	0.0789	0.00239	37.9	0.0131	0.0442	0.000201	0.000778	0.000367	0.438	0.00000274	0.00249	0.000782	0.00221	
2049 Apr	365	0.0953	0.232	0.00488	61.6	0.107	171	0.000907	0.000907	0.00000553	0.00914	0.00341	0.153	0.0279	0.00000742	49.9	0.0000424	0.00408	0.000309	0.00135	0.0514	0.00002	7.91	21.5	0.0792	0.0024	38	0.0132	0.0443	0.000202	0.00078	0.000369	0.44	0.00000274	0.00249	0.000785	0.00222	
2049 May	370	0.0967	0.235	0.00494	62.5	0.108	173	0.00092	0.00092	0.00000561	0.00927	0.00345	0.155	0.0284	0.00000752	50.7	0.000043	0.00414	0.000314	0.00137	0.0522	0.0000203	8.02	21.8	0.0804	0.00243	38.6	0.0134	0.0449	0.000206	0.000791	0.000374	0.446	0.00000278	0.00253	0.000797	0.00225	
2049 Jun	298	0.0775	0.186	0.00406	50.1	0.089	137	0.000898	0.000898	0.00000529	0.0086	0.00288	0.124	0.0244	0.0000068	41.7	0.0000379	0.00331	0.000267	0.00119	0.0486	0.0000177	6.49	17.4	0.0664	0.00194	30.7	0.0107	0.0432	0.000183	0.000666	0.000303	0.361	0.00000254	0.00201	0.00072	0.00214	
2049 Jul	284	0.072	0.174	0.00385	47.1	0.0856	131	0.000895	0.000895	0.00000524	0.00848	0.00277	0.119	0.0234	0.00000668	40	0.000037	0.00316	0.000254	0.00115	0.0474	0.0000173	6.22	16.7	0.0632	0.00185	28.9	0.0103	0.0428	0.000173	0.000646	0.00029	0.345	0.00000255	0.00192	0.000701	0.00213	
2049 Aug	309	0.0771	0.189	0.00414	50.7	0.093	144	0.000936	0.000936	0.00000552	0.00896	0.003	0.13	0.025	0.00000711	43.3	0.0000396	0.00346	0.000271	0.00123	0.0496	0.0000186	6.78	18.2	0.0682	0.00202	31.2	0.0112	0.0447	0.000188	0.000699	0.000316	0.376	0.00000265	0.0021	0.000742	0.00225	
2049 Sep	330	0.0815	0.199	0.00431	53.2	0.0993	156	0.000922	0.000922	0.00000552	0.00905	0.00317	0.14	0.0257	0.00000724	45.9	0.0000409	0.00374	0.000278	0.00127	0.049	0.0000192	7.27	19.7	0.0714	0.00219	32.8	0.0121	0.0442	0.000174	0.000737	0.000339	0.403	0.00000269	0.00228	0.000747	0.00224	
2049 Oct	345	0.0855	0.206	0.00443	55	0.104	166	0.000904	0.000904	0.00000549	0.00911	0.00329	0.148	0.0262	0.00000732	47.8	0.0000419	0.00396	0.000282	0.0013	0.0482	0.0000197	7.64	20.8	0.0737	0.00233	33.9	0.0128	0.0437	0.000168	0.000764	0.000355	0.423	0.00000271	0.00242	0.000748	0.00222	
2049 Nov	360	0.0881	0.214	0.00456	56.8	0.108	174	0.000898	0.000898	0.00000551	0.00921	0.0034	0.155	0.0268	0.00000743	49.5	0.000043	0.00415	0.000288	0.00133	0.0481	0.0000201	7.98	21.8	0.0762	0.00244	35.1	0.0134	0.0436	0.000166	0.000793	0.000371	0.441	0.00000274	0.00254	0.000759	0.00224	
2049 Dec	362	0.0884	0.215	0.00458	57	0.109	175	0.000898	0.000898	0.00000551	0.00922	0.00342	0.156	0.0268	0.00000745	49.8	0.0000432	0.00417	0.000289	0.00133	0.0481	0.0000202	8.02	21.9	0.0765	0.00245	35.3	0.0134	0.0435	0.000166	0.000797	0.000372	0.443	0.00000275	0.00256	0.000761	0.00224	
2050 Jan	362	0.0884	0.215	0.00458	57	0.109	175	0.000898	0.000898	0.00000551	0.00922	0.00342	0.156	0.0268	0.00000745	49.8	0.0000432	0.00417	0.000289	0.00133	0.0481	0.0000202	8.02	21.9	0.0765	0.00245	35.3	0.0135	0.0436	0.000166	0.000797	0.000373	0.444	0.00000275	0.00256	0.000761	0.00224	
2050 Feb	362	0.0884	0.215	0.00458	57	0.109	175	0.000898	0.000898	0.00000551	0.00922	0.00342	0.156	0.0268	0.00000745	49.8	0.0000432	0.00417	0.000289	0.00133	0.0482	0.0000202	8.02	21.9	0.0765	0.00245	35.3	0.0135	0.0436	0.000167	0.000797	0.000373	0.444	0.00000275	0.00256	0.000761	0.00224	
2050 Mar	362	0.0884	0.215	0.00458	57	0.109	175	0.000898	0.000898	0.00000552	0.00922	0.00342	0.156	0.0269	0.00000745	49.8	0.0000432	0.00417	0.000289	0.00133	0.0482	0.0000202	8.02	21.9	0.0765	0.00245	35.3	0.0135	0.0436	0.000167	0.000797	0.000373	0.444	0.00000275	0.00256	0.000762	0.00224	
2050 Apr	363	0.0886	0.216	0.00459	57.2	0.109	176	0.0009	0.0009	0.00000553	0.00924	0.00343	0.157	0.0269	0.00000747	49.9	0.0000433	0.00418	0.00029	0.00134	0.0483	0.0000203	8.04	21.9	0.0767	0.00246	35.4	0.0135	0.0437	0.000167	0.000799	0.000373	0.445	0.00000276	0.00256	0.000764	0.00225	
2050 May	367	0.0897	0.218	0.00464	57.8	0.11	178	0.000911	0.000911	0.00000559	0.00935	0.00347	0.158	0.0273	0.00000755	50.5	0.0000438	0.00423	0.000294	0.00135	0.0489	0.0000205	8.14	22.2	0.0777	0.00248	35.8	0.0136	0.0442	0.00017	0.000808	0.000378	0.45	0.00000279	0.00259	0.000773	0.00227	
2050 Jun	310	0.0766	0.181	0.00398	48.9	0.0941	147	0.000901	0.000901	0.00000537	0.00882	0.00302	0.133	0.0249	0.00000699	43.8	0.0000396	0.00354	0.00027	0.00122	0.0482	0.0000184	6.89	18.6	0.0686	0.00207	30	0.0115	0.0435	0.000174	0.000704	0.000321	0.382	0.00000262	0.00215	0.000732	0.00219	
2050 Jul	286	0.0694	0.165	0.00368	44.7	0.0879	136	0.00089	0.00089	0.00000524	0.00852	0.00283	0.123	0.0234	0.00000673	40.7	0.0000376	0.00326	0.000251	0.00116	0.0466	0.0000176	6.39	17.2	0.0635	0.00191	27.4	0.0106	0.0426	0.000163	0.00066	0.000298	0.354	0.00000252	0.00198	0.000696	0.00213	
2050 Aug	305	0.0725	0.175	0.00388	47.1	0.0939	146	0.000912	0.000912	0.00000541	0.00882	0.003	0.132	0.0245	0.00000703	43.3	0.0000394	0.00351	0.000263	0.00122	0.0478	0.0000185	6.84	18.5	0.0673	0.00205	28.9	0.0114	0.0436	0.000167	0.000701	0.000319	0.379	0.00000262	0.00214	0.000721	0.0022	
2050 Sep	321	0.0755	0.182	0.004	48.9	0.0987	156	0.000909	0.000909	0.00000545	0.00893	0.00314	0.14	0.0252	0.00000717	45.3	0.0000405	0.00372	0.00027	0.00125	0.0477	0.000019	7.22	19.5	0.0699	0.00218	30	0.012	0.0436	0.000164	0.000732	0.000336	0.399	0.00000266	0.00227	0.000729	0.00221	
2050 Oct	333	0.0777	0.188	0.0041	50.3	0.102	162	0.00091	0.00091	0.00000555	0.00906	0.00324	0.145	0.0257	0.00000729	46.8	0.0000415	0.00388	0.000276	0.00128	0.048	0.0000195	7.5	20.4	0.0721	0.00227	31	0.0125	0.0437	0.000164	0.000757	0.000349	0.415	0.00000271	0.00237	0.000742	0.00224	
2050 Nov	340	0.0787	0.191	0.00417	51.2	0.104	167	0.00091	0.00091	0.00000553	0.00913	0.0033	0.149	0.026	0.00000737	47.7	0.0000422	0.00397	0.000279	0.0013	0.048	0.0000198	7.67	20.8	0.0735	0.00233	31.5	0.0128	0.0437	0.000165	0.000772	0.000356	0.424	0.00000273	0.00243	0.00075	0.00225	
2050 Dec	341	0.0789	0.192	0.00418	51.3	0.105	167	0.00091	0.00091	0.00000553	0.00913	0.00331	0.15	0.0261	0.00000738	47.9	0.0000423	0.00399	0.00028	0.0013	0.0481	0.0000198	7.7	20.9	0.0737	0.00234	31.6	0.0129	0.0437	0.000165	0.000774	0.000358	0.425	0.00000273	0.00244	0.000751	0.00225	
2051 Jan	342	0.0789	0.192	0.00418	51.4	0.105	168	0.00091	0.00091	0.00000553	0.00914	0.00331	0.15	0.0261	0.00000738	47.9	0.0000423	0.004	0.00028	0.0013	0.0481	0.0000198	7.71	21	0.0738	0.00234	31.7	0.0129	0.0437	0.000165	0.000775	0.000358	0.426	0.00000273	0.00245	0.000751	0.00225	
2051 Feb	342	0.0789	0.192	0.00418	51.4	0.105	168	0.00091	0.00091	0.00000553	0.00914	0.00331	0.15	0.0261	0.00000738	47.9	0.0000423	0.004	0.00028	0.0013	0.0481	0.0000198	7.71	21	0.0738	0.00234	31.7	0.0129	0.0437	0.000165	0.000775	0.000358	0.426	0.00000273	0.00245	0.000752	0.00225	
2051 Mar	342	0.079	0.192	0.00418	51.4	0.105	168	0.000911	0.000911	0.00000553	0.00914	0.00331	0.15	0.0261	0.00000738	48	0.0000423	0.004	0.00028	0.0013	0.0481	0.0000198	7.71	21	0.0738	0.00234	31.7	0.0129	0.0438	0.000165	0.000776	0.000358	0.426	0.00000273	0.00245	0.000752	0.00226	
2051 Apr	343	0.0793	0.193	0.0042	51.6	0.105	168	0.000914	0.000914	0.00000555	0.00918	0.00332	0.15	0.0262	0.00000741	48.1	0.0000425	0.00401	0.000281	0.00131	0.0483	0.0000199	7.74	21	0.0741	0.00235	31.8	0.013	0.0439	0.000165	0.000778	0.00036	0.428	0.00000274	0.00246	0.000755	0.00226	
2051 May	359	0.0817	0.2	0.00433	53.3	0.11	177	0.00092	0.00092	0.00000564	0.00935	0.00347	0.158	0.0272	0.00000759	50.3	0.000044	0.00422	0.000294	0.00135	0.0493	0.0000206	8.12	22.1	0.0779	0.00247	32.9	0.0136	0.0443	0.000174	0.000813	0.000378	0.449	0.00000281	0.00259	0.000782	0.00231	
2051 Jun	329	0.0718	0.171	0.00375	46.6	0.0999	163	0.00086	0.00086	0.00000525	0.0087	0.00325	0.146	0.0269	0.00000706	47.8	0.0000414	0.00391	0.000307	0.00128	0.0507	0.0000191	7.56	20.6	0.0784	0.00226	28.4	0.0126	0.0419	0.000221	0.000764	0.000354	0.422	0.00000261	0.00238	0.0008	0.00219	
2051 Jul	322	0.0693	0.166	0.00367	45.3	0.0986	161	0.00087	0.00087	0.00000529	0.00873	0.00321	0.143	0.0265	0.00000706	47	0.0000413	0.00384	0.0003	0.00126	0.0503	0.0000191	7.44	20.2	0.0767	0.00222	27.6	0.0124	0.0421	0.000214	0.000756	0.000348	0.414	0.00000262	0.00234	0.000793	0.00221	
2051 Aug	332	0.0708	0.17	0.00374	46.2	0.102	166	0.000879	0.000879	0.00000537	0.00881	0.00331	0.148	0.027	0.00000721	48.4	0.0000418	0.00398	0.000303	0.00129	0.0503	0.0000194	7.69	20.9	0.0781	0.00231	28.2	0.0128	0.0424	0.00021	0.000774	0.000359	0.428	0.00000266	0.00243	0.000791	0.00222	
2051 Sep	337	0.0733	0.17	0.00374	46.4	0.105	170	0.000868	0.000868	0.00000533	0.00881	0.00335	0.151	0.0271	0.00000721	49	0.0000418	0.00405	0.000302	0.00131	0.0494	0.0000196	7.82	21.3	0.0782	0.00236	28.3	0.0131	0.0421	0.000199	0.000778	0.000365	0.434	0.00000266	0.00248	0.000776	0.00218	
2051 Oct	331	0.0774	0.164	0.00361	45.1	0.104	168	0.000838	0.000838	0.00000517	0.00867	0.00329	0.149	0.0264	0.00000702	48.2	0.0000405	0.00399	0.00029	0.00129	0.0473	0.0000191	7.7	21	0.0752	0.00236	27.3	0.0129	0.0415	0.000177	0.000751	0.000358	0.428	0.00000259	0.00245	0.000728	0.00206	
2051 Nov	337	0.0788	0.166	0.00365	45.7	0.106	172	0.000835	0.000835	0.00000518	0.00873	0.00334	0.153	0.0267	0.00000707	49.1	0.000041	0.00408	0.000292	0.00131	0.0472	0.0000193	7.86	21.5	0.0762	0.00241	27.7	0.0131	0.0415	0.000175	0.000763	0.000365	0.436	0.00000261	0.0025	0.000732	0.00206	
2051 Dec	339	0.079	0.167	0.00367	45.9	0.107	173	0.000835	0.000835	0.00000518	0.00874	0.00336	0.153	0.0268	0.00000709	49.3	0.0000412	0.00411	0.000293	0.00131	0.0472	0.0000194	7.9	21.6	0.0765	0.00243	27.9	0.0132	0.0415	0.000175	0.000767	0.000367	0.438	0.00000261	0.00252	0.000733	0.00206	
2052 Jan	339	0.079	0.167	0.00367	45.9	0.107	173	0.000835	0.000835	0.00000519	0.00875	0.00336	0.153	0.0268	0.00000709	49.3	0.0000412	0.00411	0.000293	0.00131	0.0473	0.0000194	7.9	21.6	0.0765	0.00243	27.9	0.0132	0.0415	0.000175	0.000767	0.000367	0.438	0.00000261	0.00252	0.000734	0.00206	
2052 Feb	339	0.079	0.167	0.00367	45.9	0.107	173	0.000835	0.000835	0.00000519	0.00875	0.00336	0.154	0.0268	0.00000709	49.3	0.0000412

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2054 Dec	420	0.0821	0.163	0.00358	46.8	0.133	227	0.000864	0.000864	0.00000565	0.00951	0.00431	0.199	0.0362	0.00000815	65.1	0.0000495	0.00538	0.000436	0.00163	0.0623	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0443	0.000337	0.000977	0.000484	0.58	0.00000296	0.00329	0.000994	0.00229	
2055 Jan	420	0.0821	0.163	0.00358	46.9	0.133	227	0.000864	0.000864	0.00000565	0.00951	0.00431	0.199	0.0362	0.00000815	65.1	0.0000495	0.00538	0.000436	0.00163	0.0623	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0443	0.000337	0.000978	0.000484	0.58	0.00000296	0.00329	0.000994	0.0023	
2055 Feb	420	0.0821	0.163	0.00358	46.9	0.133	227	0.000864	0.000864	0.00000565	0.00951	0.00431	0.199	0.0362	0.00000815	65.1	0.0000495	0.00538	0.000436	0.00163	0.0623	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0172	0.0443	0.000337	0.000978	0.000484	0.58	0.00000296	0.00329	0.000994	0.00229	
2055 Mar	421	0.0821	0.163	0.00358	46.9	0.133	227	0.000865	0.000865	0.00000565	0.00952	0.00432	0.199	0.0362	0.00000815	65.2	0.0000495	0.00538	0.000436	0.00163	0.0624	0.0000232	10.3	28.5	0.111	0.00312	27.7	0.0173	0.0443	0.000337	0.000978	0.000484	0.58	0.00000296	0.0033	0.000995	0.0023	
2055 Apr	422	0.0824	0.164	0.00359	47	0.133	227	0.000867	0.000867	0.00000566	0.00954	0.00433	0.199	0.0363	0.00000818	65.3	0.0000496	0.0054	0.000438	0.00164	0.0626	0.0000232	10.3	28.6	0.111	0.00313	27.8	0.0173	0.0445	0.000338	0.000981	0.000486	0.582	0.00000297	0.0033	0.000998	0.0023	
2055 May	427	0.0833	0.166	0.00363	47.6	0.135	230	0.000877	0.000877	0.00000573	0.00965	0.00438	0.202	0.0368	0.00000827	66.1	0.0000503	0.00546	0.000443	0.00166	0.0633	0.0000235	10.5	28.9	0.113	0.00317	28.1	0.0175	0.045	0.000342	0.000993	0.000492	0.589	0.00000301	0.00335	0.00101	0.00233	
2055 Jun	356	0.067	0.135	0.00308	38.9	0.114	191	0.000858	0.000858	0.00000541	0.00902	0.00372	0.169	0.0312	0.00000752	55.6	0.000045	0.00456	0.000368	0.00143	0.0562	0.0000208	8.78	24.1	0.0936	0.00264	23	0.0147	0.0428	0.000279	0.000859	0.000412	0.492	0.00000276	0.00278	0.000893	0.00223	
2055 Jul	332	0.062	0.124	0.00292	36.2	0.107	177	0.000874	0.000874	0.00000554	0.00892	0.00351	0.157	0.0296	0.00000735	52	0.0000433	0.00423	0.000346	0.00137	0.055	0.0000201	8.18	22.4	0.0873	0.00245	21.3	0.0136	0.0431	0.000263	0.000811	0.000384	0.458	0.00000271	0.00258	0.00086	0.00223	
2055 Aug	347	0.0642	0.129	0.00303	37.6	0.112	186	0.000901	0.000901	0.00000559	0.00923	0.00367	0.165	0.0307	0.00000764	54.4	0.0000449	0.00444	0.000358	0.00143	0.0566	0.0000209	8.57	23.4	0.0908	0.00257	22.1	0.0143	0.0444	0.000269	0.000847	0.000402	0.48	0.00000281	0.00271	0.000887	0.0023	
2055 Sep	355	0.0653	0.13	0.00305	37.9	0.115	191	0.000897	0.000897	0.00000556	0.00927	0.00374	0.169	0.031	0.00000771	55.4	0.0000454	0.00455	0.000359	0.00145	0.056	0.0000212	8.78	24.1	0.0918	0.00264	22.3	0.0147	0.0442	0.000262	0.000862	0.000411	0.491	0.00000283	0.00278	0.000882	0.0023	
2055 Oct	363	0.0665	0.133	0.00309	38.5	0.118	197	0.000897	0.000897	0.00000564	0.00937	0.00382	0.174	0.0314	0.00000781	56.6	0.0000462	0.00468	0.000363	0.00147	0.0561	0.0000216	9.01	24.7	0.0934	0.00272	22.7	0.0151	0.0443	0.000261	0.000882	0.000422	0.503	0.00000287	0.00286	0.00089	0.00231	
2055 Nov	370	0.0671	0.135	0.00312	38.9	0.12	201	0.000895	0.000895	0.00000565	0.00942	0.00388	0.178	0.0317	0.00000787	57.5	0.0000468	0.00478	0.000366	0.00148	0.0561	0.0000218	9.18	25.2	0.0946	0.00277	23	0.0154	0.0443	0.00026	0.000896	0.000429	0.512	0.00000288	0.00292	0.000897	0.00232	
2055 Dec	373	0.0673	0.135	0.00313	39.1	0.121	203	0.000894	0.000894	0.00000566	0.00944	0.0039	0.179	0.0318	0.00000789	57.9	0.000047	0.00482	0.000367	0.00149	0.056	0.0000219	9.25	25.4	0.0952	0.0028	23.1	0.0155	0.0442	0.00026	0.000903	0.000433	0.516	0.00000289	0.00295	0.000899	0.00233	
2056 Jan	373	0.0673	0.135	0.00313	39.1	0.121	203	0.000894	0.000894	0.00000566	0.00944	0.0039	0.179	0.0318	0.0000079	57.9	0.000047	0.00482	0.000367	0.00149	0.056	0.0000219	9.25	25.4	0.0952	0.0028	23.1	0.0155	0.0442	0.00026	0.000903	0.000433	0.516	0.00000289	0.00295	0.000899	0.00233	
2056 Feb	373	0.0674	0.135	0.00313	39.1	0.121	203	0.000894	0.000894	0.00000566	0.00944	0.0039	0.179	0.0318	0.0000079	57.9	0.000047	0.00482	0.000367	0.00149	0.0561	0.0000219	9.25	25.4	0.0952	0.0028	23.1	0.0155	0.0442	0.00026	0.000903	0.000433	0.516	0.00000289	0.00295	0.0009	0.00233	
2056 Mar	373	0.0674	0.135	0.00314	39.1	0.121	203	0.000895	0.000895	0.00000566	0.00945	0.0039	0.179	0.0318	0.0000079	57.9	0.0000471	0.00482	0.000368	0.00149	0.0561	0.0000219	9.26	25.4	0.0953	0.0028	23.1	0.0155	0.0442	0.00026	0.000903	0.000433	0.517	0.00000289	0.00295	0.0009	0.00233	
2056 Apr	374	0.0676	0.136	0.00315	39.3	0.122	203	0.000898	0.000898	0.00000568	0.00948	0.00392	0.18	0.0319	0.00000792	58.1	0.0000472	0.00484	0.000369	0.0015	0.0563	0.0000222	9.29	25.5	0.0956	0.00281	23.2	0.0156	0.0444	0.000261	0.000906	0.000434	0.518	0.00000029	0.00296	0.000903	0.00234	
2056 May	366	0.0682	0.132	0.00309	38.9	0.119	197	0.000909	0.000909	0.0000057	0.00944	0.00387	0.174	0.0326	0.00000787	57.7	0.0000466	0.0047	0.000384	0.0015	0.0592	0.0000217	9.08	24.9	0.0971	0.00273	22.8	0.0151	0.0453	0.000292	0.000887	0.000426	0.509	0.00000289	0.00287	0.000927	0.00233	
2056 Jun	302	0.0639	0.107	0.00259	33.7	0.0968	156	0.000887	0.000887	0.00000534	0.0086	0.00334	0.139	0.0321	0.00000706	50.6	0.0000404	0.00377	0.000401	0.00138	0.0647	0.0000188	7.48	20.3	0.0931	0.00218	19	0.0122	0.0452	0.000374	0.000738	0.000356	0.429	0.00000262	0.00227	0.000936	0.00216	
2056 Jul	318	0.0655	0.112	0.00269	34.9	0.102	166	0.000917	0.000917	0.00000555	0.00894	0.0035	0.147	0.0333	0.00000737	53	0.0000423	0.00399	0.000413	0.00144	0.0664	0.0000197	7.89	21.4	0.0967	0.0023	19.7	0.0129	0.0466	0.00038	0.000777	0.000375	0.451	0.00000273	0.00241	0.000966	0.00225	
2056 Aug	331	0.0665	0.115	0.00276	35.7	0.107	175	0.00093	0.00093	0.00000567	0.00912	0.00364	0.155	0.034	0.00000758	55	0.0000434	0.00419	0.000419	0.00148	0.0667	0.0000204	8.26	22.5	0.0991	0.00242	20.2	0.0135	0.0471	0.000377	0.000808	0.000391	0.471	0.00000281	0.00254	0.000974	0.00228	
2056 Sep	350	0.0688	0.12	0.00286	37	0.113	186	0.000942	0.000942	0.00000579	0.00938	0.00382	0.165	0.035	0.00000784	57.7	0.0000453	0.00446	0.00043	0.00153	0.0675	0.0000213	8.75	23.9	0.103	0.00258	21.1	0.0144	0.0477	0.000379	0.000852	0.000414	0.497	0.00000289	0.0027	0.000999	0.00234	
2056 Oct	362	0.0701	0.122	0.00288	37.4	0.118	195	0.000922	0.000922	0.00000574	0.00941	0.00392	0.172	0.0351	0.00000789	59.2	0.0000462	0.00466	0.000429	0.00155	0.0659	0.0000217	9.08	24.9	0.104	0.0027	21.3	0.015	0.0469	0.000365	0.000878	0.000429	0.515	0.0000029	0.00283	0.000992	0.00232	
2056 Nov	367	0.0707	0.123	0.0029	37.6	0.12	199	0.000917	0.000917	0.00000574	0.00945	0.00397	0.175	0.0353	0.00000793	59.9	0.0000466	0.00474	0.00043	0.00156	0.0656	0.0000219	9.22	25.3	0.105	0.00275	21.5	0.0153	0.0467	0.000361	0.000889	0.000435	0.522	0.00000291	0.00289	0.000993	0.00232	
2056 Dec	369	0.0708	0.123	0.0029	37.7	0.12	200	0.000917	0.000917	0.00000575	0.00946	0.00398	0.176	0.0354	0.00000795	60.1	0.0000468	0.00477	0.00043	0.00157	0.0656	0.0000219	9.27	25.4	0.105	0.00277	21.6	0.0154	0.0467	0.000361	0.000894	0.000437	0.525	0.00000292	0.0029	0.000994	0.00232	
2057 Jan	369	0.0708	0.123	0.00291	37.7	0.12	200	0.000917	0.000917	0.00000575	0.00946	0.00398	0.176	0.0354	0.00000795	60.1	0.0000468	0.00477	0.00043	0.00157	0.0656	0.0000219	9.27	25.4	0.105	0.00277	21.6	0.0154	0.0467	0.000361	0.000894	0.000437	0.525	0.00000292	0.0029	0.000995	0.00232	
2057 Feb	369	0.0708	0.123	0.00291	37.7	0.12	200	0.000917	0.000917	0.00000575	0.00946	0.00398	0.176	0.0354	0.00000795	60.2	0.0000468	0.00477	0.00043	0.00157	0.0656	0.0000219	9.27	25.4	0.105	0.00277	21.6	0.0154	0.0467	0.000361	0.000894	0.000437	0.525	0.00000292	0.0029	0.000995	0.00232	
2057 Mar	370	0.0709	0.123	0.00291	37.7	0.12	200	0.000918	0.000918	0.00000575	0.00947	0.00399	0.176	0.0354	0.00000795	60.2	0.0000468	0.00478	0.00043	0.00157	0.0657	0.0000219	9.28	25.4	0.105	0.00277	21.6	0.0154	0.0468	0.000361	0.000894	0.000438	0.525	0.00000292	0.00291	0.000996	0.00232	
2057 Apr	371	0.0711	0.124	0.00292	37.9	0.121	201	0.000921	0.000921	0.00000577	0.0095	0.004	0.177	0.0355	0.00000798	60.4	0.000047	0.00479	0.000432	0.00158	0.0659	0.000022	9.31	25.5	0.106	0.00278	21.6	0.0154	0.0469	0.000362	0.000897	0.000439	0.527	0.00000293	0.00292	0.000999	0.00233	
2057 May	374	0.0721	0.125	0.00294	38.3	0.122	202	0.000934	0.000934	0.00000585	0.00962	0.00405	0.178	0.0361	0.00000807	61.1	0.0000475	0.00483	0.000441	0.0016	0.0672	0.0000223	9.4	25.8	0.107	0.0028	21.9	0.0156	0.0477	0.000372	0.000906	0.000443	0.533	0.00000297	0.00294	0.00102	0.00236	
2057 Jun	299	0.0612	0.0978	0.00245	31.5	0.0974	157	0.000908	0.000908	0.00000545	0.00876	0.00335	0.139	0.032	0.00000716	50.6	0.0000408	0.00378	0.000397	0.00139	0.0648	0.000019	7.49	20.3	0.0923	0.00218	17.6	0.0122	0.0461	0.000366	0.000742	0.000356	0.428	0.00000266	0.00228	0.000934	0.0022	
2057 Jul	303	0.0606	0.098	0.00247	31.5	0.0993	160	0.000925	0.000925	0.00000555	0.00893	0.0034	0.142	0.0322	0.0000073	51.2	0.0000416	0.00385	0.000396	0.0014	0.0649	0.0000194	7.62	20.7	0.0927	0.00222	17.6	0.0125	0.0467	0.00036	0.000758	0.000362	0.435	0.00000271	0.00232	0.00094	0.00225	
2057 Aug	331	0.0644	0.106	0.00265	33.8	0.109	176	0.000974	0.000974	0.00000589	0.00951	0.00369	0.156	0.0344	0.00000783	55.6	0.0000449	0.00424	0.000422	0.00151	0.0683	0.0000209	8.35	22.7	0.0999	0.00245	18.9	0.0137	0.0492	0.000378	0.000826	0.000396	0.475	0.0000029	0.00256	0.001	0.00239	
2057 Sep	360	0.0667	0.113	0.00277	35.4	0.118	195	0.000975	0.000975	0.00000601	0.00981	0.00396	0.172	0.0358	0.00000815	59.7	0.0000477	0.00467	0.000437	0.00158	0.0686	0.0000222	9.12	24.9	0.106	0.00269	20	0.0151	0.0493	0.000378	0.000894	0.000431	0.517	0.00000301	0.00283	0.00103	0.00245	
2057 Oct	385	0.0682	0.118	0.00284	36.4	0.126	212	0.000956	0.000956	0.00000602	0.00996	0.00418	0.186	0.0366	0.00000835	63	0.0000498	0.00505	0.000445	0.00163	0.0675	0.0000231	9.78	26.9	0.11	0.00291	20.7	0.0162	0.0485	0.000369	0.000951	0.000461	0.552	0.00000306	0.00308	0.00105	0.00247	
2057 Nov	390	0.0687	0.119	0.00286	36.7	0.128	215	0.000955	0.000955	0.00000603	0.01	0.00423	0.189	0.0368	0.00000884	63.7	0.0000503	0.00513	0.000447	0.00164	0.0675	0.0000233	9.92	27.3	0.111	0.00296	20.9	0.0165	0.0484	0.000367	0.000963	0.000467	0.56	0.00000308	0.00313	0.00105	0.00248	
2057 Dec	391	0.0688	0.119	0.00286	36.8	0.128	216	0.000954	0.000954	0.00000603	0.01	0.00425	0.19	0.0369	0.00000841	63.9	0.0000504	0.00515	0.000448	0.00165	0.0675	0.0000234	9.96	27.4	0.111	0.00297	20.9	0.0166	0.0484	0.000367	0.000967	0.000469	0.562	0.00000308	0.00314	0.00105	0.00248	
2058 Jan	392	0.0688	0.119	0.00287	36.8	0.128	216	0.000954	0.000954	0.00000603	0.01	0.00425	0.191	0.0369	0.00000842	64	0.0000505	0.00516	0.000448	0.00165	0.0674	0.0000234	9.98	27.4	0.111	0.00298	20.9	0.0166	0.0484	0.000367	0.000968	0.00047	0.563	0.00000308	0.00314	0.00105	0.00248	
2058 Feb	392	0.0688	0.119	0.00287	36.8	0.129	216	0.000954	0.000954	0.00000603	0.01	0.00425	0.191	0.0369	0.00000842	64	0.0000505	0.00516	0.000448	0.00165	0.0675	0.0000234	9.98	27.4	0.111	0.00298	20.9	0.0166	0.0484	0.000367	0.000968	0.00047	0.563	0.00000308	0.00315	0.00105	0.00248	
2058 Mar	392	0.0689	0.119	0.00287	36.8	0.129	217	0.000954	0.000954	0.00000604	0.01	0.00425	0.191	0.0369	0.00000842	64.1	0.0000505	0.00516	0.000448	0.00165	0.0675	0.0000234	9.98	27.4	0.111	0.00298	21	0.0166	0.0484	0.000367	0.000969	0.00047	0.563	0.00000309	0.00315	0.00105	0.00248	
2058 Apr	393	0.069	0.119	0.00287	36.9	0.129	217	0.000956	0.000956	0.00000605	0.01	0.00426	0.191	0.037	0.00000844	64.2	0.0000506	0.00517	0.000449	0.00165	0.0676	0.0000234	10	27.5	0.112	0.00299	21	0.0166	0.0485	0.000368	0.000971	0.000471	0.564	0.00000309	0.00315	0.00106	0.00249	
2058 May	414	0.0705	0.122	0.00289	37.7	0.135	231	0.000943	0.000943	0.00000606	0.0102	0.00448	0.203	0.0388	0.00000861	67.8	0.0000526	0.0055	0.000477	0.00172	0.0698	0.0000242	10.6	29.2	0.119	0.00317	21.4	0.0177	0.0483	0.000397	0.00102	0.0005	0.599	0.00000314	0.00336	0.00111	0.00252	
2058 Jun	364	0.0644	0.0995	0.0024	32.6	0.117	201	0.000853	0.000853	0.00000543	0.009	0.00403	0.176	0.0378	0.00000764	62	0.0000468	0.00481	0.000488	0.00158	0.0715	0.0000213	9.37	25.8	0.116	0.00274	17.9	0.0154	0.0449	0.000461	0.000903	0.000446	0.537	0.00000279	0.00291	0.0011	0.00226	
2058 Jul	372	0.0647	0.101	0.00244	33.1	0.12	206	0.000872	0.000872	0.00000556	0.00921	0.00412	0.18	0.0383	0.00000783	63.3	0.0000479	0.00493	0.000492	0.00161	0.0721	0.0000219	9.6	26.4	0.118	0.00281	18.2	0.0158	0.0457	0.000461	0.000926	0.000456	0.549	0.00000286	0.00299	0.00111	0.00232	
2058 Aug	397	0.0671	0.107	0.00256	34.6	0.128	222	0.000896	0.000896	0.00000577	0.00961	0.00438	0.194	0.04	0.00000822	67.1	0.0000506	0.0053	0.000512	0.00169	0.074	0.0000231	10.3	28.3	0.124	0.00303	19.1	0.017	0.0469	0.00047	0.000988	0.000487	0.586	0.000003	0.00322	0.00115	0.00241	
2058 Sep	413	0.0685	0.109	0.0026	35.1	0.134	232	0.000888	0.000888	0.0000058	0.00973	0.00451	0.203	0.0404	0.00000836	69.1	0.0000519	0.00554	0.000513	0.00172	0.0729	0.0000237	10.7	29.5	0.126	0.00317	19.5	0.0177	0.0466	0.000456	0.00102	0.000506	0.608	0.00000304	0.00337	0.00115	0.00242	
2058 Oct	426	0.0698	0.111	0.00263	35.5	0.139	242	0.000876	0.000876	0.00000579	0.00983	0.00463	0.211	0.0406	0.00000846	70.9	0.000053	0.00575	0.000513	0.00175	0.0717	0.0000242	11.1	30.6	0.127	0.0033	19.8	0.0184	0.0461	0.000443	0.00105	0.000522	0.627	0.00000307	0.00351	0.00115	0.00242	
2058 Nov	430	0.0702	0.112	0.00265	35.7	0.14	245	0.000876	0.000876	0.00000581	0.00987	0.00467	0.213	0.0408	0.00000851	71.4	0.0000534	0.00581	0.000514	0.00176	0.0717	0.0000244	11.2	30.9	0.128	0.00333	19.9	0.0186	0.0461	0.000443	0.00106	0.000527	0.633	0.00000308	0.00355	0.00116	0.00243	
2058 Dec	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000876	0.000876	0.00000581	0.00988	0.00468	0.214	0.0408	0.00000851	71.6	0.0000535	0.00582	0.000515	0.00176	0.0716	0.0000244	11.2	31	0.128	0.00334	20	0.0186	0.0461	0.000442	0.00106	0.000528	0.634	0.00000308	0.00356	0.00116	0.00243	
2059 Jan	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00988	0.00468	0.214	0.0408	0.00000852	71.6	0.0000535	0.00583	0.000515	0.00176	0.0716	0.0000245	11.2	31	0.128	0.00334	20	0.0187	0.0461	0.000442	0.00106	0.000528	0.634	0.00000309	0.00356	0.00116	0.00243	
2059 Feb	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00988	0.00468	0.214	0.0408	0.00000852	71.6	0.0000535	0.00583	0.000515	0.00176	0.0716	0.0000245	11.2	31	0.128	0.00334	20	0.0187	0.0461	0.000442	0.00106	0.000528	0.634	0.00000309	0.00356	0.00116	0.00243	
2059 Mar	431	0.0702	0.112	0.00265	35.7	0.14	245	0.000875	0.000875	0.00000581	0.00988	0.00468	0.214	0.0409	0.00000852	71.6	0.0000535	0.00583	0.000515	0.00176	0.0717	0.0000245	11.2	31	0.128	0.00334	20	0.0187	0.0461	0.000442	0.00106	0.000528	0.634	0.00000309	0.00356	0.00116	0.00243	
2059 Apr	432	0.0704	0.113	0.00266	35.8	0.141	246	0.000878	0.000878	0.00000582	0.0099	0.00469	0.214	0.041	0.00000854	71.8	0.0000536	0.00584	0.000516	0.00177	0.0718	0.0000245	11.2	31.1	0.129	0.00335	20	0.0187	0.0462	0.000444	0.00107	0.00053	0.636	0.00000309	0.00357	0.00116	0.00244	
2059 May	434	0.0712	0.112	0.00266	36	0.141	246	0.000886	0.000886	0.00000587	0.00996	0.00472	0.215	0.0416	0.00000858	72.3	0.0000539	0.00586	0.000527	0.00178	0.0735	0.0000246	11.3	31.2	0.131	0.00336	20	0.0188	0.0468	0.00046	0.00107	0.000532	0.639	0.00000311	0.00357	0.00118	0.00245	
2059 Jun	396	0.0692	0.101	0.00244	33.8	0.128	222	0.000885	0.000885	0.00000572	0.00954	0.0044	0.193	0.0411	0.00000815	67.9	0.0000504	0.0053	0.000533	0.00171	0.0765	0.000023	10.3	28.4	0.127	0.00303	18.4	0.017	0.0471	0.000501	0.000983	0.00049	0.59	0.00000297	0.00321	0.00118	0.00238	
2059 Jul	422	0.0726	0.107	0.00258	35.7	0.136	237	0.000933	0.000933	0.00000604	0.0101	0.00467	0.207	0.0434	0.00000865	72.1	0.0000536	0.00565	0.000561	0.00181	0.0803	0.0000244	11	30.3	0.135	0.00323	19.4	0.0181	0.0496	0.000524	0.00105	0.000521	0.628	0.00000315	0.00343	0.00125	0.00252	
2059 Aug	449	0.076	0.113	0.00272	37.5	0.145	253	0.000972	0.000972	0.00000633	0.0106	0.00496	0.22	0.0456	0.00000911	76.4	0.0000567	0.00603	0.000588	0.00191	0.0836	0.0000259	11.7

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2062 Jun	356	0.0614	0.0693	0.0019	25.6	0.121	204	0.000877	0.000877	0.0000557	0.00934	0.00405	0.179	0.0369	0.0000781	62	0.0000471	0.00487	0.000461	0.00159	0.0682	0.0000218	9.46	26	0.111	0.00282	13.3	0.0156	0.0461	0.000403	0.000901	0.000447	0.539	0.00000286	0.00296	0.00104	0.00226	
2062 Jul	326	0.0553	0.0628	0.00181	23.4	0.112	186	0.000885	0.000885	0.0000055	0.00913	0.00375	0.164	0.0342	0.00000754	56.9	0.0000447	0.00444	0.000421	0.0015	0.0647	0.0000207	8.67	23.7	0.101	0.00257	12.2	0.0143	0.0456	0.000365	0.00084	0.00041	0.493	0.00000277	0.0027	0.000977	0.00224	
2062 Aug	338	0.0554	0.0639	0.00183	23.7	0.117	194	0.00089	0.00089	0.0000058	0.00924	0.00388	0.171	0.0347	0.00000772	58.7	0.0000456	0.00464	0.000423	0.00153	0.0643	0.0000213	9.03	24.8	0.103	0.0027	12.3	0.0149	0.0456	0.000356	0.00086	0.000426	0.512	0.00000283	0.00282	0.000975	0.00225	
2062 Sep	343	0.0564	0.0633	0.00181	23.4	0.119	199	0.000872	0.000872	0.0000055	0.00921	0.00392	0.175	0.0343	0.00000771	59.3	0.0000457	0.00474	0.000415	0.00153	0.0622	0.0000214	9.18	25.2	0.102	0.00277	12.2	0.0152	0.0448	0.000335	0.000876	0.000432	0.519	0.00000282	0.00289	0.00095	0.00221	
2062 Oct	327	0.06	0.0576	0.00169	21.8	0.116	191	0.000821	0.000821	0.0000052	0.00888	0.00372	0.168	0.032	0.00000731	56.2	0.0000431	0.00453	0.000376	0.00147	0.0565	0.0000204	8.75	24.1	0.0935	0.00268	11.3	0.0145	0.043	0.000278	0.000819	0.000409	0.493	0.00000268	0.00277	0.000849	0.00202	
2062 Nov	329	0.0606	0.0578	0.00169	21.9	0.117	192	0.000821	0.000821	0.0000053	0.00892	0.00374	0.169	0.0323	0.00000734	56.5	0.0000433	0.00457	0.000377	0.00147	0.0564	0.0000205	8.82	24.3	0.0938	0.00271	11.3	0.0147	0.043	0.000275	0.000824	0.000412	0.497	0.00000269	0.0028	0.000849	0.00203	
2062 Dec	331	0.0606	0.0581	0.00169	21.9	0.118	194	0.00082	0.00082	0.0000053	0.00894	0.00377	0.171	0.0322	0.00000736	56.8	0.0000436	0.0046	0.000378	0.00148	0.0563	0.0000206	8.89	24.4	0.0942	0.00273	11.4	0.0148	0.043	0.000275	0.00083	0.000415	0.5	0.00000269	0.00282	0.000851	0.00203	
2063 Jan	332	0.0606	0.0582	0.00169	21.9	0.118	194	0.00082	0.00082	0.0000053	0.00894	0.00377	0.171	0.0322	0.00000737	56.9	0.0000436	0.00462	0.000378	0.00148	0.0563	0.0000206	8.91	24.5	0.0944	0.00274	11.4	0.0148	0.043	0.000275	0.000832	0.000416	0.501	0.00000269	0.00283	0.000852	0.00203	
2063 Feb	332	0.0607	0.0582	0.00169	22	0.118	194	0.00082	0.00082	0.0000053	0.00894	0.00377	0.171	0.0322	0.00000737	57	0.0000436	0.00462	0.000378	0.00148	0.0563	0.0000206	8.91	24.5	0.0945	0.00274	11.4	0.0148	0.043	0.000275	0.000832	0.000416	0.502	0.00000027	0.00283	0.000852	0.00203	
2063 Mar	332	0.0607	0.0582	0.0017	22	0.118	194	0.00082	0.00082	0.0000053	0.00895	0.00378	0.171	0.0322	0.00000738	57	0.0000437	0.00462	0.000378	0.00148	0.0564	0.0000206	8.91	24.5	0.0945	0.00274	11.4	0.0148	0.043	0.000275	0.000832	0.000416	0.502	0.00000027	0.00283	0.000852	0.00203	
2063 Apr	333	0.0608	0.0583	0.0017	22	0.118	195	0.000821	0.000821	0.0000054	0.00896	0.00378	0.171	0.0323	0.00000739	57.1	0.0000437	0.00463	0.000379	0.00148	0.0565	0.0000207	8.93	24.6	0.0947	0.00274	11.4	0.0149	0.0431	0.000276	0.000834	0.000417	0.503	0.00000027	0.00283	0.000854	0.00204	
2063 May	327	0.0615	0.0575	0.00169	22.1	0.116	190	0.000833	0.000833	0.0000052	0.00895	0.00375	0.167	0.0329	0.00000736	56.8	0.0000433	0.00452	0.000392	0.00149	0.0589	0.0000205	8.77	24.1	0.096	0.00268	11.4	0.0145	0.0439	0.000302	0.00082	0.000411	0.496	0.00000027	0.00276	0.000877	0.00204	
2063 Jun	237	0.0522	0.0423	0.00137	18.6	0.0824	129	0.00081	0.00081	0.0000049	0.00774	0.00288	0.114	0.0298	0.00000619	44.3	0.0000346	0.00312	0.000377	0.00125	0.062	0.0000162	6.29	17	0.0837	0.00183	8.95	0.0101	0.0427	0.000368	0.000609	0.0003	0.365	0.00000231	0.00187	0.000847	0.00186	
2063 Jul	237	0.0505	0.0418	0.00137	18.3	0.0829	130	0.000817	0.000817	0.0000048	0.00781	0.00289	0.115	0.0294	0.00000625	44.2	0.000035	0.00314	0.000369	0.00125	0.0611	0.0000164	6.32	17.1	0.0826	0.00184	8.82	0.0102	0.0427	0.000356	0.000616	0.000301	0.366	0.00000233	0.00188	0.000841	0.00189	
2063 Aug	258	0.0527	0.0447	0.00145	19.3	0.0904	143	0.00085	0.00085	0.0000057	0.00823	0.00312	0.127	0.0311	0.00000663	47.6	0.0000374	0.00345	0.000389	0.00133	0.0634	0.0000175	6.9	18.7	0.0882	0.00202	9.37	0.0112	0.0444	0.000367	0.00067	0.000328	0.398	0.00000247	0.00207	0.000884	0.00199	
2063 Sep	279	0.0535	0.0467	0.00149	19.7	0.0979	157	0.000846	0.000846	0.0000054	0.00841	0.00332	0.139	0.0318	0.00000686	50.6	0.0000392	0.00378	0.000395	0.00137	0.0626	0.0000185	7.48	20.4	0.0916	0.00222	9.67	0.0122	0.0441	0.000356	0.000719	0.000355	0.429	0.00000254	0.00228	0.000893	0.00202	
2063 Oct	294	0.0543	0.0477	0.00149	19.8	0.103	168	0.000828	0.000828	0.0000051	0.00848	0.00345	0.148	0.0321	0.00000696	52.5	0.0000405	0.00403	0.000394	0.0014	0.0611	0.000019	7.9	21.6	0.0933	0.00236	9.79	0.013	0.0433	0.000342	0.000753	0.000373	0.451	0.00000256	0.00244	0.000889	0.00201	
2063 Nov	298	0.0547	0.0482	0.0015	19.9	0.105	171	0.000825	0.000825	0.0000052	0.00853	0.00349	0.151	0.0322	0.000007	53.2	0.0000409	0.0041	0.000395	0.00141	0.0608	0.0000192	8.03	22	0.094	0.00241	9.86	0.0132	0.0432	0.000339	0.000764	0.000379	0.458	0.00000258	0.00249	0.000891	0.00202	
2063 Dec	300	0.0548	0.0483	0.0015	19.9	0.105	173	0.000825	0.000825	0.0000053	0.00854	0.00351	0.152	0.0323	0.00000702	53.4	0.0000411	0.00413	0.000396	0.00142	0.0608	0.0000192	8.08	22.1	0.0944	0.00242	9.89	0.0133	0.0432	0.000338	0.000768	0.000381	0.46	0.00000258	0.00251	0.000893	0.00202	
2064 Jan	301	0.0548	0.0485	0.0015	19.9	0.106	173	0.000824	0.000824	0.0000053	0.00855	0.00352	0.153	0.0323	0.00000703	53.6	0.0000412	0.00415	0.000397	0.00142	0.0608	0.0000193	8.11	22.2	0.0946	0.00243	9.9	0.0134	0.0432	0.000338	0.000771	0.000383	0.462	0.00000259	0.00252	0.000894	0.00202	
2064 Feb	301	0.0548	0.0485	0.00151	20	0.106	174	0.000824	0.000824	0.0000053	0.00856	0.00352	0.153	0.0324	0.00000704	53.6	0.0000412	0.00415	0.000397	0.00142	0.0608	0.0000193	8.12	22.2	0.0947	0.00244	9.91	0.0134	0.0432	0.000338	0.000772	0.000383	0.462	0.00000259	0.00252	0.000894	0.00202	
2064 Mar	302	0.0549	0.0486	0.00151	20	0.106	174	0.000825	0.000825	0.0000054	0.00857	0.00353	0.153	0.0324	0.00000705	53.7	0.0000413	0.00416	0.000397	0.00142	0.0609	0.0000193	8.13	22.3	0.0948	0.00244	9.92	0.0134	0.0432	0.000339	0.000773	0.000383	0.463	0.00000259	0.00253	0.000896	0.00203	
2064 Apr	303	0.055	0.0487	0.00151	20	0.106	174	0.000827	0.000827	0.0000051	0.00858	0.00353	0.154	0.0325	0.00000706	53.8	0.0000413	0.00417	0.000398	0.00142	0.061	0.0000194	8.15	22.3	0.0951	0.00244	9.94	0.0134	0.0433	0.00034	0.000774	0.000384	0.464	0.0000026	0.00253	0.000898	0.00203	
2064 May	307	0.0559	0.0487	0.0015	20.4	0.107	176	0.000829	0.000829	0.0000051	0.00859	0.0036	0.155	0.0338	0.0000071	55.1	0.0000418	0.00422	0.000422	0.00145	0.0641	0.0000195	8.27	22.7	0.0996	0.00246	10	0.0136	0.0438	0.000376	0.000785	0.000391	0.473	0.00000261	0.00256	0.00094	0.00205	
2064 Jun	274	0.0537	0.0429	0.00135	19.5	0.0929	153	0.0008	0.0008	0.0000048	0.00794	0.0033	0.134	0.0341	0.00000655	51.4	0.0000382	0.00369	0.000446	0.00138	0.0688	0.0000177	7.36	20.1	0.1	0.00213	9.19	0.0119	0.043	0.000452	0.000704	0.000353	0.429	0.00000242	0.00221	0.000975	0.00194	
2064 Jul	288	0.0543	0.0445	0.0014	20	0.0981	162	0.000826	0.000826	0.0000050	0.00825	0.00345	0.142	0.0351	0.00000683	53.7	0.0000399	0.0039	0.000457	0.00143	0.0702	0.0000185	7.76	21.2	0.104	0.00225	9.48	0.0126	0.0442	0.000455	0.000742	0.000371	0.451	0.00000252	0.00234	0.001	0.00202	
2064 Aug	303	0.0545	0.0458	0.00143	20.3	0.104	172	0.000835	0.000835	0.0000051	0.00843	0.00361	0.151	0.0358	0.00000706	55.8	0.0000413	0.00414	0.000462	0.00148	0.0702	0.0000193	8.18	22.4	0.106	0.00239	9.71	0.0133	0.0445	0.00045	0.000778	0.00039	0.473	0.00000026	0.00249	0.00101	0.00206	
2064 Sep	324	0.0546	0.047	0.00144	20.3	0.112	188	0.000814	0.000814	0.0000051	0.00851	0.0038	0.165	0.0358	0.00000723	58.5	0.0000428	0.0045	0.000455	0.00151	0.067	0.0000201	8.79	24.2	0.108	0.00261	9.82	0.0145	0.0432	0.000417	0.000826	0.000417	0.504	0.00000265	0.00273	0.000989	0.00205	
2064 Oct	349	0.0554	0.0493	0.00148	20.7	0.121	206	0.000804	0.000804	0.0000052	0.00874	0.00404	0.18	0.0368	0.00000748	62.1	0.0000453	0.0049	0.000463	0.00157	0.0662	0.0000212	9.51	26.2	0.112	0.00285	10.1	0.0157	0.0428	0.000408	0.000889	0.00045	0.542	0.00000272	0.00299	0.00101	0.00209	
2064 Nov	357	0.0555	0.0501	0.00149	20.9	0.123	211	0.000802	0.000802	0.0000052	0.00881	0.00411	0.184	0.0371	0.00000757	63.3	0.0000461	0.00503	0.000468	0.00159	0.0662	0.0000215	9.72	26.9	0.114	0.00292	10.3	0.0161	0.0427	0.000408	0.000908	0.000459	0.554	0.00000275	0.00306	0.00102	0.0021	
2064 Dec	358	0.0556	0.0502	0.00149	20.9	0.124	212	0.000802	0.000802	0.0000052	0.00882	0.00412	0.185	0.0372	0.00000758	63.4	0.0000462	0.00504	0.000468	0.00159	0.0662	0.0000216	9.75	27	0.114	0.00293	10.3	0.0162	0.0427	0.000408	0.000911	0.000461	0.555	0.00000276	0.00307	0.00102	0.00211	
2065 Jan	359	0.0556	0.0502	0.00149	21	0.124	212	0.000802	0.000802	0.0000052	0.00883	0.00413	0.186	0.0372	0.00000759	63.5	0.0000462	0.00506	0.000468	0.00159	0.0662	0.0000216	9.77	27	0.114	0.00293	10.3	0.0162	0.0427	0.000407	0.000913	0.000462	0.556	0.00000276	0.00308	0.00102	0.00211	
2065 Feb	359	0.0556	0.0503	0.00149	21	0.124	213	0.000802	0.000802	0.0000052	0.00883	0.00413	0.186	0.0372	0.00000759	63.6	0.0000463	0.00506	0.000469	0.0016	0.0662	0.0000216	9.78	27	0.114	0.00294	10.3	0.0162	0.0427	0.000408	0.000914	0.000462	0.557	0.00000276	0.00308	0.00102	0.00211	
2065 Mar	359	0.0557	0.0503	0.0015	21	0.124	213	0.000803	0.000803	0.0000052	0.00884	0.00414	0.186	0.0373	0.0000076	63.6	0.0000463	0.00507	0.000469	0.0016	0.0663	0.0000216	9.79	27.1	0.114	0.00294	10.3	0.0162	0.0428	0.000408	0.000915	0.000463	0.558	0.00000276	0.00309	0.00102	0.00211	
2065 Apr	361	0.0559	0.0505	0.0015	21.1	0.125	214	0.000806	0.000806	0.0000052	0.00887	0.00416	0.187	0.0374	0.00000763	63.9	0.0000465	0.00508	0.000471	0.0016	0.0665	0.0000217	9.83	27.2	0.115	0.00295	10.3	0.0163	0.0429	0.00041	0.000918	0.000464	0.56	0.00000277	0.0031	0.00102	0.00212	
2065 May	372	0.0567	0.0514	0.00151	21.5	0.128	221	0.000809	0.000809	0.0000053	0.009	0.00429	0.193	0.0387	0.00000777	66	0.0000478	0.00526	0.000491	0.00165	0.0686	0.0000222	10.2	28.1	0.12	0.00304	10.5	0.0168	0.0433	0.000432	0.000948	0.000481	0.579	0.00000282	0.00321	0.00106	0.00216	
2065 Jun	318	0.0528	0.0445	0.00138	19.8	0.109	184	0.000801	0.000801	0.0000050	0.00837	0.00375	0.161	0.0363	0.00000701	58.2	0.0000426	0.00442	0.00047	0.0015	0.069	0.0000197	8.66	23.8	0.11	0.00254	9.42	0.0142	0.0429	0.000445	0.00082	0.000432	0.499	0.00000256	0.00267	0.00102	0.00205	
2065 Jul	337	0.0542	0.0466	0.00145	20.6	0.115	196	0.000841	0.000841	0.0000053	0.00883	0.00397	0.172	0.0378	0.0000075	61.3	0.0000452	0.00469	0.000488	0.00157	0.0715	0.0000209	9.18	25.3	0.115	0.0027	9.83	0.0151	0.0448	0.000461	0.000871	0.000437	0.527	0.00000274	0.00284	0.00107	0.00217	
2065 Aug	364	0.0563	0.0494	0.00152	21.5	0.125	213	0.00087	0.00087	0.0000055	0.00928	0.00425	0.186	0.0398	0.00000793	65.6	0.0000481	0.0051	0.000511	0.00167	0.0737	0.0000223	9.92	27.4	0.122	0.00294	10.4	0.0164	0.0463	0.000472	0.000938	0.000471	0.568	0.0000029	0.00309	0.00112	0.00227	
2065 Sep	372	0.057	0.0488	0.0015	21.1	0.129	221	0.00084	0.00084	0.0000054	0.00924	0.0043	0.193	0.039	0.00000792	66.2	0.0000484	0.00525	0.000493	0.00166	0.0699	0.0000225	10.2	28.1	0.12	0.00304	10.2	0.0168	0.0448	0.000434	0.000952	0.000481	0.579	0.00000288	0.0032	0.00108	0.00222	
2065 Oct	364	0.0595	0.0459	0.00143	19.9	0.128	218	0.000799	0.000799	0.0000052	0.00906	0.00419	0.191	0.0368	0.00000767	64.2	0.000047	0.00518	0.000454	0.00161	0.0638	0.0000219	9.98	27.6	0.112	0.00304	9.65	0.0166	0.0431	0.00037	0.000923	0.000469	0.566	0.00000278	0.00317	0.000986	0.00208	
2065 Nov	366	0.0602	0.0458	0.00143	19.9	0.129	220	0.000795	0.000795	0.0000052	0.00908	0.00421	0.192	0.0367	0.00000769	64.4	0.0000471	0.00522	0.000451	0.00162	0.0631	0.000022	10	27.8	0.112	0.00306	9.62	0.0167	0.043	0.000361	0.000926	0.000471	0.569	0.00000279	0.00319	0.000977	0.00207	
2065 Dec	367	0.0602	0.0458	0.00143	19.9	0.13	221	0.000795	0.000795	0.0000052	0.00909	0.00421	0.193	0.0367	0.00000769	64.6	0.0000472	0.00523	0.000451	0.00162	0.0631	0.0000221	10.1	27.9	0.112	0.00307	9.63	0.0167	0.043	0.000361	0.000928	0.000472	0.57	0.00000279	0.0032	0.000978	0.00207	
2066 Jan	368	0.0602	0.0459	0.00143	19.9	0.13	221	0.000795	0.000795	0.0000052	0.0091	0.00423	0.193	0.0368	0.00000771	64.7	0.0000473	0.00525	0.000452	0.00162	0.0631	0.0000221	10.1	28	0.112	0.00308	9.64	0.0168	0.043	0.000361	0.000931	0.000474	0.572	0.00000279	0.00321	0.000979	0.00208	
2066 Feb	369	0.0603	0.046	0.00143	19.9	0.13	222	0.000795	0.000795	0.0000052	0.0091	0.00423	0.193	0.0368	0.00000771	64.8	0.0000473	0.00525	0.000452	0.00162	0.0631	0.0000221	10.1	28	0.112	0.00308	9.65	0.0168	0.043	0.000361	0.000932	0.000474	0.572	0.00000279	0.00322	0.00098	0.00208	
2066 Mar	369	0.0604	0.0461	0.00143	20	0.13	222	0.000796	0.000796	0.0000052	0.00912	0.00424	0.194	0.0369	0.00000772	64.9	0.0000474	0.00526	0.000453	0.00163	0.0632	0.0000222	10.1	28	0.112	0.00309	9.67	0.0168	0.0431	0.000362	0.000934	0.000475	0.573	0.0000028	0.00322	0.000982	0.00208	
2066 Apr	370	0.0605	0.0462	0.00144	20	0.131	223	0.000798	0.000798	0.0000052	0.00914	0.00425	0.194	0.037	0.00000774	65.1	0.0000475	0.00528	0.000454	0.00163	0.0634	0.0000222	10.1	28.1	0.113	0.0031	9.69	0.0169	0.0432	0.000363	0.000936	0.000476	0.575	0.00000281	0.00323	0.000984	0.00209	
2066 May	373	0.0612	0.0465	0.00145	20.2	0.131	224	0.000808	0.000808	0.0000053	0.00923	0.00428	0.195	0.0374	0.00000781	65.6	0.0000479	0.00531	0.00046	0.00165	0.0643	0.0000224	10.2	28.3	0.114	0.00311	9.78	0.017	0.0437	0.000369	0.000942	0.00048	0.579	0.00000283	0.00325	0.000996	0.00211	
2066 Jun	288	0.0506	0.0368	0.00128	17.1	0.102	167	0.000809	0.000809	0.0000052	0.00837	0.00342	0.148	0.0319	0.00000686	52.3	0.0000403	0.00401	0.000396	0.00139	0.0609	0.0000187	7.86	21.5	0.0936	0.00234	8.06	0.0129	0.0426	0.000348	0.000751	0.000371	0.449	0.00000252	0.00243	0.000895	0.00199	
2066 Jul	307	0.051	0.0384	0.00135	17.6	0.109	179	0.000851	0.000851	0.0000053	0.00885	0.00363	0.158	0.0332	0.00000727	55.2	0.0000433	0.00429	0.000408	0.00146	0.0627	0.0000199	8.39	23	0.0978	0.0025	8.36	0.0138	0.0444	0.000351	0.000804	0.000396	0.477	0.00000267	0.00261	0.000934	0.00212	
2066 Aug	332	0.0527	0.0408	0.00141	18.4	0.118	196	0.000879	0.000879	0.0000054	0.00929	0.0039	0.173	0.035	0.0000077	59.3	0.0000458	0.00468	0.000428	0.00155	0.0647	0.0000213	9.1	25	0.104	0.00273	8.81	0.015	0.0459	0.000359	0.000869	0.000428	0.516	0.00000282	0.00285	0.000978	0.00222	
2066 Sep	347	0.0537	0.0416	0.00143	18.6	0.123	207	0.000873	0.000873	0.0000057	0.00942	0.00405	0.182	0.0355	0.00000785	61.4	0.0000472	0.00492	0.000432	0.00158	0.0639	0.0000219	9.52	26.2	0.106	0.00287	8.93	0.0158	0.0456	0.000349	0.000904	0.000448	0.539	0.00000287	0.003	0.000982	0.00224	
2066 Oct	359	0.0549	0.0418	0.00141	18.4	0.128	216	0.000847	0.000847	0.0000055	0.00944	0.00415	0.19	0.0354	0.00000788	62.9	0.000048	0.00514	0.000426	0.0016	0.0616	0.0000223	9.88	27.3	0.107	0.00301	8.9	0.0165	0.0445	0.000328	0.00093	0.000463	0.557	0.00000287	0.00314	0.000966	0.0022	
2066 Nov	363	0.0552	0.0419	0.00141	18.4	0.13	219	0.000842	0.000842	0.0000049	0.00946	0.00419	0.192	0.0355	0.00000791	63.4	0.0000484	0.0052	0.000426	0.00161	0.0611	0.0000225	9.99	27.6	0.107	0.00305	8.91	0.0167	0.0443	0.000323	0.000939	0.000468	0.563	0.00000288	0.00319	0.000963	0.0022	
2066 Dec	364	0.0553	0.042	0.00141	18.4	0.13	220	0.000841	0.000841	0.0000054	0.00948	0.0042	0.193	0.0355	0.00000793	63.7	0.0000485	0.00523	0.000427	0.00161	0.0611	0.0000225	10	27.7	0.108	0.00306	8.93	0.0168	0.0443	0.000323	0.000943	0.00047	0.565	0.00000288	0.0032	0.000965	0.0022	
2067 Jan	365	0.0553	0.042	0.00141	18.5	0.13	221	0.000841	0.000841	0.0000055	0.00948	0.00421	0.194	0.0356	0.00000793	63.8	0.0000486	0.00524	0.000427	0.00161	0.0611	0.0000225	10.1	27.8	0.108	0.00307	8.94	0.0168	0.0443	0.000323	0.000944	0.000471	0.566	0.00000288	0.00321	0.000966	0.0022	
2067 Feb	365	0.0553	0.0421	0.00141	18.5	0.13	221	0.000841	0.000841	0.0000055	0.00949	0.00421	0.194	0.0356	0.00000

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2069 Dec	306	0.0539	0.0288	0.0012	15.5	0.113	182	0.000858	0.000858	0.0000535	0.00903	0.00366	0.161	0.0326	0.00000736	55.3	0.0000428	0.00435	0.000387	0.00148	0.06	0.0000202	8.48	23.2	0.0938	0.00258	6.95	0.014	0.0452	0.000304	0.000797	0.000397	0.48	0.0000027	0.00265	0.000874	0.00207	
2070 Jan	306	0.0539	0.0289	0.0012	15.5	0.113	183	0.000858	0.000858	0.0000535	0.00903	0.00366	0.161	0.0326	0.00000736	55.3	0.0000428	0.00435	0.000388	0.00148	0.06	0.0000202	8.48	23.2	0.0939	0.00258	6.95	0.014	0.0452	0.000304	0.000798	0.000397	0.48	0.0000027	0.00265	0.000874	0.00207	
2070 Feb	306	0.0539	0.0289	0.0012	15.5	0.113	183	0.000858	0.000858	0.0000535	0.00903	0.00366	0.161	0.0326	0.00000736	55.3	0.0000428	0.00435	0.000388	0.00148	0.0601	0.0000202	8.48	23.2	0.0939	0.00258	6.95	0.014	0.0452	0.000304	0.000798	0.000397	0.48	0.0000027	0.00265	0.000874	0.00207	
2070 Mar	307	0.054	0.0289	0.0012	15.5	0.113	183	0.000859	0.000859	0.0000536	0.00904	0.00366	0.161	0.0326	0.00000736	55.4	0.0000428	0.00435	0.000388	0.00148	0.0601	0.0000202	8.49	23.2	0.094	0.00258	6.96	0.014	0.0452	0.000304	0.000798	0.000397	0.48	0.0000027	0.00266	0.000875	0.00207	
2070 Apr	308	0.0542	0.029	0.00121	15.5	0.113	183	0.000862	0.000862	0.0000538	0.00907	0.00368	0.162	0.0327	0.00000739	55.6	0.000043	0.00437	0.00039	0.00148	0.0603	0.0000203	8.52	23.3	0.0943	0.00259	6.98	0.0141	0.0454	0.000306	0.000801	0.000399	0.482	0.0000027	0.00267	0.000878	0.00208	
2070 May	303	0.0553	0.0291	0.00121	15.9	0.111	179	0.000875	0.000875	0.0000054	0.00907	0.00365	0.158	0.0334	0.00000738	55.4	0.0000426	0.00427	0.000404	0.00149	0.0631	0.0000201	8.37	22.9	0.096	0.00253	7.07	0.0138	0.0463	0.000334	0.000789	0.000393	0.476	0.0000027	0.0026	0.000904	0.00209	
2070 Jun	263	0.0544	0.027	0.00114	16	0.0945	149	0.000868	0.000868	0.0000052	0.00848	0.00327	0.132	0.0333	0.00000683	50.4	0.0000384	0.0036	0.000422	0.00141	0.0681	0.0000181	7.22	19.6	0.0944	0.00212	6.85	0.0117	0.0464	0.000406	0.000688	0.000343	0.419	0.0000254	0.00216	0.00093	0.002	
2070 Jul	280	0.0553	0.0281	0.00119	16.4	0.101	160	0.000899	0.000899	0.0000542	0.00886	0.00346	0.141	0.0347	0.00000717	53.2	0.0000406	0.00386	0.000437	0.00147	0.07	0.0000191	7.7	20.9	0.0988	0.00227	7.09	0.0125	0.0479	0.000413	0.000734	0.000366	0.445	0.0000266	0.00232	0.000967	0.0021	
2070 Aug	296	0.0559	0.029	0.00122	16.8	0.107	171	0.000919	0.000919	0.0000558	0.00912	0.00364	0.151	0.0357	0.00000745	55.7	0.0000423	0.00411	0.000448	0.00153	0.071	0.00002	8.16	22.2	0.102	0.00241	7.27	0.0133	0.0488	0.000416	0.000774	0.000387	0.47	0.0000276	0.00248	0.000988	0.00216	
2070 Sep	299	0.057	0.0283	0.0012	16.5	0.109	174	0.000901	0.000901	0.0000551	0.00909	0.00365	0.153	0.0352	0.00000742	55.9	0.0000423	0.00417	0.000436	0.00152	0.0686	0.0000201	8.25	22.5	0.101	0.00246	7.14	0.0135	0.048	0.00039	0.000777	0.00039	0.474	0.0000274	0.00252	0.000957	0.00211	
2070 Oct	294	0.0584	0.0272	0.00118	16.1	0.108	171	0.000883	0.000883	0.0000541	0.00898	0.00358	0.151	0.0342	0.00000728	54.7	0.0000414	0.0041	0.000419	0.0015	0.0661	0.0000197	8.11	22.1	0.097	0.00244	6.93	0.0132	0.0472	0.000364	0.000758	0.000382	0.464	0.0000269	0.00249	0.000916	0.00205	
2070 Nov	297	0.0586	0.0273	0.00117	16.1	0.109	173	0.000881	0.000881	0.0000541	0.00901	0.00361	0.153	0.0342	0.00000731	55.1	0.0000417	0.00415	0.000418	0.0015	0.0658	0.0000198	8.19	22.4	0.0973	0.00247	6.94	0.0134	0.0472	0.000361	0.000765	0.000386	0.469	0.0000027	0.00252	0.000916	0.00205	
2070 Dec	297	0.0586	0.0273	0.00118	16.1	0.109	174	0.00088	0.00088	0.0000541	0.00902	0.00362	0.154	0.0342	0.00000732	55.2	0.0000417	0.00417	0.000419	0.00151	0.0658	0.0000199	8.22	22.4	0.0974	0.00248	6.94	0.0134	0.0471	0.00036	0.000767	0.000387	0.47	0.0000027	0.00253	0.000916	0.00205	
2071 Jan	298	0.0586	0.0273	0.00118	16.1	0.109	174	0.00088	0.00088	0.0000541	0.00902	0.00362	0.154	0.0343	0.00000732	55.2	0.0000418	0.00417	0.000419	0.00151	0.0658	0.0000199	8.22	22.4	0.0975	0.00248	6.94	0.0134	0.0471	0.00036	0.000767	0.000387	0.471	0.0000027	0.00253	0.000917	0.00205	
2071 Feb	298	0.0586	0.0273	0.00118	16.1	0.109	174	0.00088	0.00088	0.0000541	0.00902	0.00362	0.154	0.0343	0.00000732	55.2	0.0000418	0.00417	0.000419	0.00151	0.0658	0.0000199	8.22	22.4	0.0975	0.00248	6.94	0.0134	0.0471	0.00036	0.000767	0.000387	0.471	0.0000027	0.00253	0.000917	0.00205	
2071 Mar	298	0.0587	0.0274	0.00118	16.1	0.109	174	0.00088	0.00088	0.0000541	0.00902	0.00362	0.154	0.0343	0.00000732	55.2	0.0000418	0.00417	0.000419	0.00151	0.0658	0.0000199	8.22	22.4	0.0975	0.00248	6.94	0.0134	0.0471	0.00036	0.000767	0.000387	0.471	0.0000027	0.00253	0.000917	0.00205	
2071 Apr	298	0.0588	0.0274	0.00118	16.1	0.109	174	0.000882	0.000882	0.0000542	0.00903	0.00362	0.154	0.0343	0.00000733	55.3	0.0000418	0.00418	0.00042	0.00151	0.0659	0.0000199	8.23	22.5	0.0977	0.00248	6.95	0.0135	0.0472	0.000361	0.000768	0.000388	0.471	0.0000271	0.00253	0.000918	0.00205	
2071 May	291	0.0591	0.0272	0.00117	16.3	0.106	168	0.000886	0.000886	0.0000054	0.00894	0.00356	0.148	0.0347	0.00000724	54.6	0.0000411	0.00404	0.00043	0.0015	0.068	0.0000195	8.01	21.8	0.0985	0.0024	6.98	0.013	0.0476	0.000387	0.000749	0.000379	0.461	0.0000268	0.00244	0.000936	0.00204	
2071 Jun	242	0.0547	0.0244	0.00108	15.6	0.0869	134	0.000863	0.000863	0.0000508	0.00819	0.00307	0.119	0.0329	0.00000654	47.6	0.0000361	0.00326	0.000422	0.00136	0.0693	0.0000171	6.63	17.9	0.0917	0.00192	6.49	0.0106	0.0464	0.000424	0.000632	0.000317	0.388	0.0000244	0.00194	0.00092	0.00193	
2071 Jul	247	0.0543	0.0246	0.00111	15.7	0.089	138	0.000884	0.000884	0.0000521	0.0084	0.00313	0.122	0.0332	0.00000671	48.4	0.0000371	0.00334	0.000424	0.00138	0.0699	0.0000175	6.78	18.3	0.0927	0.00197	6.54	0.0108	0.0473	0.000423	0.00065	0.000324	0.396	0.0000251	0.002	0.000933	0.00199	
2071 Aug	261	0.0559	0.0255	0.00115	16.2	0.0941	146	0.000913	0.000913	0.0000541	0.00871	0.00329	0.13	0.0344	0.000007	50.8	0.0000387	0.00354	0.000438	0.00144	0.0718	0.0000184	7.16	19.4	0.0965	0.00209	6.77	0.0115	0.0487	0.000432	0.000684	0.000342	0.417	0.0000261	0.00212	0.000962	0.00207	
2071 Sep	264	0.0561	0.0248	0.00113	15.8	0.096	149	0.000895	0.000895	0.0000533	0.00864	0.0033	0.132	0.0338	0.00000696	50.8	0.0000385	0.00361	0.000424	0.00143	0.069	0.0000184	7.25	19.6	0.0944	0.00214	6.61	0.0117	0.0476	0.000404	0.000686	0.000345	0.421	0.0000259	0.00216	0.000927	0.00202	
2071 Oct	264	0.0567	0.0244	0.00111	15.6	0.0968	151	0.000881	0.000881	0.0000528	0.0086	0.0033	0.133	0.0333	0.00000692	50.7	0.0000384	0.00363	0.000415	0.00142	0.0673	0.0000183	7.28	19.7	0.093	0.00216	6.51	0.0118	0.0471	0.000387	0.000685	0.000345	0.421	0.0000257	0.00218	0.000906	0.00199	
2071 Nov	265	0.0575	0.0242	0.00111	15.5	0.0974	151	0.000878	0.000878	0.0000527	0.00862	0.0033	0.134	0.0331	0.00000691	50.7	0.0000384	0.00365	0.000411	0.00142	0.0667	0.0000184	7.3	19.8	0.0924	0.00218	6.48	0.0118	0.047	0.000379	0.000685	0.000346	0.422	0.0000257	0.0022	0.000896	0.00197	
2071 Dec	266	0.0575	0.0242	0.00111	15.5	0.0976	152	0.000878	0.000878	0.0000527	0.00862	0.00331	0.134	0.0332	0.00000692	50.8	0.0000384	0.00366	0.000411	0.00142	0.0666	0.0000184	7.32	19.8	0.0924	0.00218	6.48	0.0118	0.047	0.000378	0.000686	0.000347	0.423	0.0000257	0.0022	0.000896	0.00197	
2072 Jan	266	0.0576	0.0242	0.00111	15.5	0.0976	152	0.000878	0.000878	0.0000527	0.00863	0.00331	0.134	0.0332	0.00000692	50.8	0.0000384	0.00366	0.000411	0.00142	0.0666	0.0000184	7.32	19.8	0.0924	0.00218	6.48	0.0118	0.047	0.000378	0.000686	0.000347	0.423	0.0000257	0.0022	0.000896	0.00197	
2072 Feb	266	0.0576	0.0242	0.00111	15.5	0.0976	152	0.000878	0.000878	0.0000527	0.00863	0.00331	0.134	0.0332	0.00000692	50.8	0.0000384	0.00366	0.000412	0.00142	0.0667	0.0000184	7.32	19.8	0.0924	0.00218	6.48	0.0118	0.047	0.000378	0.000686	0.000347	0.423	0.0000257	0.0022	0.000896	0.00197	
2072 Mar	266	0.0576	0.0242	0.00111	15.5	0.0976	152	0.000878	0.000878	0.0000527	0.00863	0.00331	0.134	0.0332	0.00000692	50.8	0.0000384	0.00366	0.000412	0.00143	0.0667	0.0000184	7.32	19.8	0.0925	0.00218	6.48	0.0118	0.047	0.000378	0.000686	0.000347	0.423	0.0000257	0.0022	0.000896	0.00197	
2072 Apr	267	0.0578	0.0242	0.00111	15.5	0.0979	152	0.000881	0.000881	0.0000528	0.00865	0.00332	0.135	0.0333	0.00000694	50.9	0.0000385	0.00367	0.000413	0.00143	0.0669	0.0000184	7.34	19.9	0.0927	0.00219	6.5	0.0119	0.0472	0.000379	0.000688	0.000348	0.424	0.0000258	0.00221	0.000899	0.00198	
2072 May	270	0.0586	0.0246	0.00113	15.8	0.0993	154	0.000894	0.000894	0.0000536	0.00878	0.00337	0.137	0.0338	0.00000704	51.7	0.0000391	0.00372	0.000419	0.00145	0.0679	0.0000187	7.45	20.2	0.0941	0.00222	6.6	0.012	0.0478	0.000385	0.000698	0.000353	0.43	0.0000262	0.00224	0.000912	0.00201	
2072 Jun	236	0.0513	0.022	0.0011	14.2	0.0876	133	0.000897	0.000897	0.0000525	0.0085	0.003	0.118	0.0304	0.00000669	45.5	0.0000365	0.00321	0.000372	0.00132	0.0636	0.0000173	6.5	17.5	0.0826	0.00191	5.97	0.0104	0.0469	0.000344	0.000629	0.000308	0.375	0.0000025	0.00193	0.000848	0.002	
2072 Jul	240	0.0497	0.0218	0.00112	14.1	0.0894	135	0.000915	0.000915	0.0000535	0.00864	0.00304	0.121	0.0303	0.00000683	46	0.0000371	0.00328	0.000369	0.00133	0.0634	0.0000177	6.61	17.8	0.0825	0.00195	5.94	0.0107	0.0474	0.000335	0.000643	0.000313	0.38	0.0000256	0.00197	0.000849	0.00205	
2072 Aug	239	0.049	0.0211	0.00111	13.9	0.0905	135	0.000915	0.000915	0.0000535	0.00852	0.00302	0.121	0.0298	0.00000682	45.6	0.0000361	0.00327	0.000356	0.00132	0.0613	0.0000177	6.58	17.7	0.08	0.00196	5.84	0.0106	0.0468	0.000312	0.000632	0.000311	0.378	0.0000255	0.00196	0.000807	0.002	
2072 Sep	236	0.0494	0.0204	0.00109	13.7	0.0906	134	0.000904	0.000904	0.0000053	0.0084	0.00299	0.12	0.0292	0.00000676	45	0.0000352	0.00324	0.000343	0.00131	0.0592	0.0000175	6.52	17.5	0.0775	0.00196	5.71	0.0105	0.0461	0.000291	0.000619	0.000307	0.373	0.0000253	0.00195	0.000771	0.00195	
2072 Oct	232	0.0514	0.0194	0.00106	13.3	0.09	132	0.000879	0.000879	0.0000516	0.00828	0.00293	0.119	0.0283	0.0000066	44	0.0000344	0.00319	0.000328	0.00128	0.0568	0.0000172	6.41	17.2	0.0744	0.00195	5.53	0.0104	0.0452	0.000267	0.000602	0.000301	0.366	0.0000247	0.00193	0.000732	0.00187	
2072 Nov	236	0.0518	0.0194	0.00106	13.3	0.0913	135	0.000875	0.000875	0.0000515	0.00831	0.00296	0.121	0.0283	0.00000663	44.5	0.0000347	0.00325	0.000328	0.00129	0.0564	0.0000173	6.51	17.5	0.0748	0.00198	5.53	0.0106	0.045	0.000263	0.00061	0.000306	0.372	0.0000248	0.00196	0.000731	0.00187	
2072 Dec	237	0.0518	0.0195	0.00106	13.3	0.0919	136	0.000874	0.000874	0.0000516	0.00832	0.00298	0.122	0.0284	0.00000664	44.7	0.0000349	0.00328	0.000329	0.0013	0.0564	0.0000174	6.56	17.6	0.0751	0.002	5.53	0.0106	0.045	0.000263	0.00614	0.000308	0.374	0.0000248	0.00198	0.000733	0.00187	
2073 Jan	238	0.0518	0.0195	0.00106	13.3	0.092	136	0.000874	0.000874	0.0000516	0.00832	0.00298	0.122	0.0284	0.00000665	44.8	0.0000349	0.00328	0.000329	0.0013	0.0564	0.0000174	6.57	17.7	0.0752	0.002	5.53	0.0107	0.045	0.000263	0.00615	0.000308	0.375	0.0000248	0.00198	0.000733	0.00187	
2073 Feb	238	0.0518	0.0195	0.00106	13.3	0.092	136	0.000874	0.000874	0.0000516	0.00832	0.00298	0.122	0.0284	0.00000665	44.8	0.0000349	0.00328	0.000329	0.0013	0.0564	0.0000174	6.57	17.7	0.0752	0.002	5.53	0.0107	0.045	0.000263	0.00615	0.000308	0.375	0.0000248	0.00198	0.000733	0.00187	
2073 Mar	238	0.0519	0.0195	0.00106	13.3	0.092	136	0.000874	0.000874	0.0000516	0.00832	0.00298	0.122	0.0284	0.00000665	44.8	0.000035	0.00328	0.000329	0.0013	0.0564	0.0000174	6.57	17.7	0.0753	0.002	5.54	0.0107	0.045	0.000263	0.00615	0.000308	0.375	0.0000248	0.00199	0.000734	0.00187	
2073 Apr	239	0.0522	0.0196	0.00107	13.4	0.0926	137	0.00088	0.00088	0.0000519	0.00838	0.003	0.123	0.0286	0.00000669	45.1	0.0000352	0.00331	0.000332	0.0013	0.0568	0.0000175	6.61	17.8	0.0758	0.00201	5.57	0.0107	0.0453	0.000265	0.000619	0.00031	0.377	0.0000025	0.002	0.000738	0.00189	
2073 May	251	0.0529	0.0205	0.00106	14	0.095	144	0.000876	0.000876	0.0000522	0.00842	0.00314	0.128	0.0305	0.00000679	47.6	0.0000364	0.00347	0.000365	0.00135	0.0606	0.0000179	6.94	18.7	0.0829	0.00209	5.77	0.0112	0.0456	0.000312	0.00065	0.000327	0.398	0.0000253	0.00209	0.000802	0.00192	
2073 Jun	239	0.0514	0.0204	0.00102	14.3	0.0877	134	0.000854	0.000854	0.0000505	0.00806	0.00304	0.119	0.0316	0.00000651	46.8	0.0000353	0.00326	0.000398	0.00133	0.0654	0.000017	6.6	17.8	0.0876	0.00193	5.8	0.0106	0.0451	0.000385	0.000625	0.000314	0.384	0.0000243	0.00195	0.000867	0.0019	
2073 Jul	248	0.0517	0.0209	0.00105	14.5	0.0912	140	0.000876	0.000876	0.0000519	0.00829	0.00314	0.125	0.0323	0.00000671	48.2	0.0000365	0.00339	0.000405	0.00137	0.0665	0.0000176	6.85	18.5	0.0898	0.00201	5.91	0.011	0.0461	0.000388	0.000649	0.000326	0.398	0.0000025	0.00203	0.000885	0.00195	
2073 Aug	262	0.0524	0.0215	0.00108	14.8	0.0964	149	0.000898	0.000898	0.0000535	0.00855	0.0033	0.133	0.0334	0.00000698	50.5	0.000038	0.00361	0.000416	0.00142	0.0678	0.0000184	7.25	19.6	0.0932	0.00214	6.06	0.0117	0.0471	0.000392	0.000685	0.000345	0.419	0.0000026	0.00217	0.000907	0.00201	
2073 Sep	271	0.0527	0.0214	0.00107	14.7	0.1	156	0.000888	0.000888	0.0000534	0.00859	0.00338	0.138	0.0334	0.00000705	51.7	0.0000387	0.00376	0.000413	0.00144	0.0664	0.0000188	7.51	20.4	0.0939	0.00223	6.03	0.0122	0.0466	0.000378	0.000705	0.000356	0.433	0.0000262	0.00227	0.000899	0.00201	
2073 Oct	274	0.0538	0.0207	0.00105	14.3	0.102	160	0.000864	0.000864	0.0000524	0.00854	0.00339	0.141	0.0328	0.00000699	51.8	0.0000387	0.00383	0.000401	0.00143	0.0638	0.0000188	7.6	20.7	0.092	0.00229	5.87	0.0124	0.0456	0.000352	0.000708	0.000359	0.437	0.0000259	0.00232	0.000868	0.00196	
2073 Nov	276	0.0542	0.0206	0.00104	14.3	0.103	162	0.000859	0.000859	0.0000523	0.00856	0.00341	0.143	0.0327	0.000007	52	0.0000388	0.00387	0.000399	0.00143	0.0632	0.0000188	7.67	20.9	0.0919	0.00231	5.85	0.0125	0.0454	0.000346	0.000713	0.000362	0.44	0.0000259	0.00234	0.000863	0.00195	
2073 Dec	278	0.0542	0.0207	0.00104	14.3	0.103	163	0.000858	0.000858	0.0000524	0.00857	0.00342	0.144	0.0328	0.00000702	52.3	0.000039	0.0039	0.000399	0.00144	0.0632	0.0000189	7.73	21	0.0923	0.00233	5.86	0.0126	0.0454	0.000345	0.000718	0.000364	0.443	0.0000259	0.00236	0.000865	0.00195	
2074 Jan	279	0.0542	0.0207	0.00104	14.3	0.104	164	0.000858	0.000858	0.0000524	0.00858	0.00344	0.145	0.0328	0.00000703	52.5	0.0000391	0.00392	0.0004	0.00144	0.0632	0.000019	7.76	21.1	0.0926	0.00234	5.86	0.0127	0.0454	0.000345	0.000721	0.000366	0.445	0.0000026	0.00238	0.000866	0.00196	
2074 Feb	280	0.0542	0.0207	0.00104	14.3	0.104	164	0.000857	0.000857	0.0000524	0.00858	0.00344	0.145	0.0328	0.00000703	52.5	0.0000392	0.00393	0.0004	0.00144	0.0632	0.000019	7.77	21.2	0.0927	0.00235	5.86	0.0127	0.0453	0.000345	0.000722	0.000367	0.445	0.0000026	0.00238	0.000867	0.00196	
2074 Mar	280	0.0542	0.0208	0.00104	14.3	0.104	164	0.000858	0.000858	0.0000524	0.00859	0.00344	0.145	0.0329	0.00000704	52.6	0.0000392	0.00393	0.000401	0.00144	0.0632	0.000019	7.78	21.2	0.0927	0.00235	5.86	0.0127	0.0454	0.000345	0.000722	0.000367	0.446	0.0000026	0.00238	0.000867	0.00196	
2074 Apr	281	0.0545	0.0209	0.00105	14.4	0.105	165	0.000862	0.000862	0.0000527	0.00863	0.00346	0.146	0.033	0.00000707	52.8	0.0000394	0.00395	0.000403	0.00145	0.0635	0.0000191	7.82	21.3	0.0932	0.00236	5.89	0.0128	0.0456	0.000347	0.000726	0.000369	0.448	0.0000261	0.00239	0.000872	0.00197	
2074 May	284	0.0553	0.0215	0.00104	15	0.104	165	0.000862	0.000862	0.0000527	0.00859	0.00351	0.146	0.0348	0.00000707	54.2	0.0000398	0.00397	0.000437	0.00148	0.0681	0.0000191	7.89	21.5	0.0995	0.00235	6.09	0.0128	0.0461	0.000404	0.000735	0.000374	0.456	0.0000261	0.0024	0.000936	0.00199	
2074 Jun	254	0.0525	0.0208	0.000968	15	0.0896	143	0.000822	0.000822	0.0000493	0.00789	0.00321	0.126	0.0346	0.00000648	50.3	0.0000364	0.00346	0.000455	0.00139	0.0716	0.0000172	7.01	19	0.0995	0.00202	5.95	0.0112	0.0446	0.000472	0.00066	0.000337	0.412	0.0000241	0.00207	0.000968	0.00189	
2074 Jul	268	0.0538	0.0216	0.00101	15.5	0.0948	152	0.000856	0.000856	0.0000516	0.00826	0.00337	0.134	0.036	0.00000681	52.7	0.0000383	0.00367	0.000471	0.00145	0.0739	0.0000181	7.41	20.1	0.104	0.00214	6.16	0.0119	0.0463	0.000484	0.000698	0.000356	0.434	0.0000253	0.00219	0.00101	0.00198	
2074 Aug	292	0.0559	0.0228	0.00106	16.2

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2077 Jun	257	0.0486	0.0186	0.000973	14.1	0.0911	146	0.000862	0.000862	0.00000515	0.00831	0.00325	0.129	0.0341	0.00000674	50.4	0.0000384	0.00354	0.000443	0.00139	0.0709	0.0000178	7.13	19.3	0.0982	0.00205	5.53	0.0114	0.0459	0.00045	0.000688	0.000341	0.416	0.00000251	0.00211	0.000981	0.00203	
2077 Jul	269	0.0492	0.0191	0.00101	14.4	0.0956	153	0.000897	0.000897	0.00000537	0.00867	0.00339	0.136	0.0352	0.00000704	52.4	0.0000402	0.00372	0.000454	0.00145	0.0727	0.0000187	7.47	20.3	0.101	0.00216	5.67	0.012	0.0475	0.000456	0.000724	0.000357	0.435	0.00000262	0.00222	0.00101	0.00213	
2077 Aug	285	0.0508	0.0198	0.00105	14.9	0.102	164	0.00093	0.00093	0.00000559	0.00904	0.00358	0.145	0.0367	0.00000738	55.3	0.0000422	0.00396	0.000472	0.00152	0.075	0.0000197	7.93	21.5	0.106	0.0023	5.88	0.0128	0.0492	0.000469	0.000766	0.000379	0.46	0.00000274	0.00237	0.00105	0.00221	
2077 Sep	281	0.0511	0.0186	0.00101	14.2	0.102	163	0.000896	0.000896	0.00000542	0.00882	0.00351	0.144	0.0351	0.0000072	54	0.000041	0.00393	0.000445	0.00148	0.0703	0.0000193	7.83	21.3	0.101	0.0023	5.6	0.0127	0.0474	0.000424	0.000747	0.000373	0.453	0.00000267	0.00236	0.000983	0.00211	
2077 Oct	288	0.0521	0.0183	0.001	14	0.105	168	0.000884	0.000884	0.0000054	0.00886	0.00357	0.149	0.035	0.00000724	54.8	0.0000414	0.00405	0.000439	0.00149	0.0688	0.0000195	8.03	21.9	0.101	0.00238	5.53	0.0131	0.0469	0.000406	0.000761	0.000381	0.462	0.00000268	0.00244	0.000968	0.00209	
2077 Nov	292	0.0523	0.0184	0.001	14.1	0.106	171	0.000883	0.000883	0.00000541	0.0089	0.0036	0.151	0.0351	0.00000728	55.4	0.0000418	0.00411	0.00044	0.0015	0.0687	0.0000197	8.14	22.2	0.101	0.00242	5.54	0.0133	0.0469	0.000405	0.000771	0.000386	0.469	0.00000269	0.00248	0.000971	0.0021	
2077 Dec	293	0.0523	0.0184	0.001	14.1	0.106	172	0.000883	0.000883	0.00000541	0.00891	0.00361	0.152	0.0352	0.00000729	55.5	0.0000419	0.00413	0.000441	0.0015	0.0687	0.0000197	8.17	22.3	0.102	0.00243	5.54	0.0133	0.0469	0.000405	0.000773	0.000387	0.47	0.00000269	0.00249	0.000972	0.0021	
2078 Jan	293	0.0523	0.0184	0.001	14.1	0.106	172	0.000883	0.000883	0.00000541	0.00892	0.00362	0.152	0.0352	0.0000073	55.6	0.000042	0.00413	0.000441	0.0015	0.0687	0.0000198	8.18	22.3	0.102	0.00243	5.54	0.0133	0.0469	0.000405	0.000774	0.000388	0.47	0.00000269	0.0025	0.000973	0.0021	
2078 Feb	293	0.0523	0.0184	0.001	14.1	0.106	172	0.000883	0.000883	0.00000541	0.00892	0.00362	0.152	0.0352	0.0000073	55.6	0.000042	0.00413	0.000441	0.0015	0.0687	0.0000198	8.18	22.3	0.102	0.00243	5.54	0.0133	0.0469	0.000405	0.000774	0.000388	0.47	0.00000269	0.0025	0.000973	0.0021	
2078 Mar	293	0.0523	0.0184	0.001	14.1	0.106	172	0.000883	0.000883	0.00000541	0.00892	0.00362	0.152	0.0352	0.0000073	55.6	0.000042	0.00414	0.000441	0.0015	0.0687	0.0000198	8.18	22.3	0.102	0.00243	5.55	0.0133	0.0469	0.000405	0.000774	0.000388	0.471	0.0000027	0.0025	0.000973	0.0021	
2078 Apr	295	0.0526	0.0185	0.00101	14.1	0.107	173	0.000889	0.000889	0.00000545	0.00897	0.00364	0.153	0.0354	0.00000734	55.9	0.0000422	0.00416	0.000444	0.00151	0.0691	0.0000199	8.23	22.5	0.102	0.00244	5.58	0.0134	0.0472	0.000407	0.000779	0.00039	0.473	0.00000271	0.00251	0.000979	0.00212	
2078 May	285	0.0537	0.019	0.000998	14.8	0.102	164	0.000886	0.000886	0.00000538	0.00876	0.00356	0.145	0.0365	0.00000717	55.3	0.0000411	0.00397	0.000471	0.0015	0.0736	0.0000193	7.93	21.6	0.106	0.00232	5.76	0.0128	0.0476	0.000465	0.000751	0.000378	0.461	0.00000266	0.00238	0.00102	0.00209	
2078 Jun	250	0.0522	0.0185	0.000946	14.8	0.0875	139	0.000854	0.000854	0.00000507	0.00809	0.0032	0.123	0.0356	0.00000658	50.4	0.000037	0.00339	0.000473	0.0014	0.0753	0.0000173	6.91	18.7	0.102	0.00197	5.68	0.011	0.0463	0.000505	0.000661	0.000334	0.409	0.00000245	0.00201	0.00102	0.00197	
2078 Jul	265	0.0538	0.0193	0.000989	15.3	0.093	148	0.000892	0.000892	0.00000531	0.00848	0.00338	0.131	0.0371	0.00000692	53.1	0.0000391	0.00361	0.000492	0.00147	0.0781	0.0000183	7.34	19.9	0.107	0.00209	5.9	0.0117	0.0483	0.000521	0.000701	0.000354	0.433	0.00000258	0.00215	0.00106	0.00207	
2078 Aug	280	0.0537	0.0195	0.00101	15.4	0.0988	159	0.000905	0.000905	0.00000544	0.00869	0.00354	0.14	0.0379	0.00000717	55.4	0.0000405	0.00385	0.000499	0.00152	0.0785	0.0000191	7.77	21.1	0.11	0.00223	5.96	0.0124	0.0488	0.000519	0.000738	0.000373	0.456	0.00000266	0.0023	0.00107	0.00212	
2078 Sep	297	0.0538	0.0196	0.00101	15.4	0.105	171	0.000901	0.000901	0.00000549	0.00885	0.00372	0.151	0.0385	0.00000736	57.9	0.0000422	0.00414	0.000502	0.00156	0.0775	0.0000199	8.28	22.6	0.113	0.0024	5.95	0.0134	0.0485	0.000507	0.000782	0.000396	0.482	0.00000272	0.00248	0.00108	0.00214	
2078 Oct	311	0.0537	0.0192	0.00099	15	0.111	182	0.000879	0.000879	0.00000545	0.0089	0.00384	0.16	0.0384	0.00000744	59.6	0.0000433	0.00438	0.000498	0.00158	0.0753	0.0000204	8.68	23.8	0.114	0.00255	5.84	0.0141	0.0475	0.000485	0.000815	0.000414	0.503	0.00000274	0.00264	0.00107	0.00213	
2078 Nov	314	0.054	0.0192	0.000987	15	0.112	185	0.000876	0.000876	0.00000545	0.00893	0.00387	0.162	0.0384	0.00000747	60.1	0.0000436	0.00444	0.000496	0.00159	0.0748	0.0000205	8.78	24.1	0.114	0.00259	5.82	0.0143	0.0473	0.000479	0.000823	0.000418	0.508	0.00000275	0.00268	0.00106	0.00213	
2078 Dec	315	0.054	0.0192	0.000987	15	0.112	186	0.000875	0.000875	0.00000545	0.00894	0.00388	0.163	0.0385	0.00000748	60.2	0.0000437	0.00446	0.000497	0.00159	0.0748	0.0000205	8.81	24.1	0.114	0.00259	5.82	0.0143	0.0473	0.000479	0.000825	0.00042	0.51	0.00000275	0.00269	0.00107	0.00213	
2079 Jan	316	0.0539	0.0192	0.000987	15	0.113	186	0.000874	0.000874	0.00000545	0.00895	0.00389	0.163	0.0385	0.00000749	60.3	0.0000438	0.00447	0.000497	0.00159	0.0747	0.0000206	8.84	24.2	0.114	0.0026	5.82	0.0144	0.0472	0.000479	0.000828	0.000421	0.511	0.00000275	0.0027	0.00107	0.00213	
2079 Feb	316	0.0539	0.0192	0.000987	15	0.113	186	0.000874	0.000874	0.00000545	0.00895	0.00389	0.163	0.0385	0.00000749	60.4	0.0000439	0.00448	0.000497	0.00159	0.0747	0.0000206	8.84	24.2	0.114	0.00261	5.82	0.0144	0.0472	0.000479	0.000829	0.000421	0.512	0.00000276	0.0027	0.00107	0.00213	
2079 Mar	316	0.054	0.0192	0.000987	15	0.113	187	0.000875	0.000875	0.00000546	0.00895	0.00389	0.164	0.0386	0.0000075	60.4	0.0000439	0.00448	0.000498	0.0016	0.0748	0.0000206	8.85	24.3	0.114	0.00261	5.82	0.0144	0.0473	0.000479	0.000829	0.000422	0.512	0.00000276	0.0027	0.00107	0.00213	
2079 Apr	318	0.0541	0.0193	0.00099	15	0.113	187	0.000878	0.000878	0.00000547	0.00898	0.00391	0.164	0.0387	0.00000752	60.6	0.000044	0.0045	0.000499	0.0016	0.075	0.0000207	8.88	24.3	0.115	0.00262	5.84	0.0145	0.0474	0.000481	0.000832	0.000423	0.514	0.00000277	0.00271	0.00107	0.00214	
2079 May	321	0.0549	0.0195	0.001	15.3	0.114	189	0.00089	0.00089	0.00000555	0.0091	0.00395	0.166	0.0393	0.00000762	61.4	0.0000446	0.00455	0.000507	0.00162	0.0762	0.0000209	8.99	24.6	0.116	0.00265	5.93	0.0146	0.0481	0.000489	0.000842	0.000428	0.52	0.0000028	0.00274	0.00109	0.00217	
2079 Jun	253	0.0456	0.0168	0.000949	13.3	0.0906	145	0.000864	0.000864	0.00000515	0.00828	0.00321	0.128	0.0332	0.00000673	49.5	0.0000382	0.00351	0.000428	0.00137	0.0689	0.0000178	7.05	19.1	0.0955	0.00203	5.17	0.0114	0.0455	0.000429	0.000686	0.000338	0.41	0.00000251	0.0021	0.000958	0.00204	
2079 Jul	251	0.0434	0.0164	0.000956	12.9	0.0904	144	0.000873	0.000873	0.00000519	0.00833	0.00318	0.128	0.0325	0.00000676	48.9	0.0000383	0.00349	0.000415	0.00136	0.0675	0.0000178	7	19	0.0931	0.00202	5.05	0.0113	0.0455	0.0041	0.000686	0.000335	0.406	0.00000252	0.00209	0.000942	0.00206	
2079 Aug	268	0.0442	0.0168	0.000986	13.2	0.0966	155	0.000898	0.000898	0.00000538	0.00865	0.00337	0.137	0.0338	0.00000708	51.6	0.0000401	0.00374	0.000429	0.00142	0.0691	0.0000188	7.48	20.3	0.0973	0.00217	5.19	0.0121	0.0467	0.000416	0.000728	0.000357	0.432	0.00000263	0.00225	0.00097	0.00214	
2079 Sep	273	0.0455	0.0163	0.000969	13	0.0993	159	0.000881	0.000881	0.00000533	0.00864	0.00341	0.141	0.0334	0.00000707	52.1	0.0000402	0.00384	0.000418	0.00142	0.0668	0.0000189	7.63	20.7	0.0961	0.00224	5.08	0.0124	0.046	0.000392	0.000736	0.000362	0.439	0.00000262	0.00231	0.000943	0.0021	
2079 Oct	277	0.0467	0.0159	0.000954	12.8	0.101	163	0.000865	0.000865	0.00000527	0.00863	0.00343	0.144	0.033	0.00000705	52.4	0.0000404	0.00392	0.000411	0.00142	0.065	0.000019	7.75	21.1	0.0951	0.00229	4.99	0.0126	0.0454	0.000373	0.000741	0.000367	0.444	0.00000261	0.00237	0.000922	0.00206	
2079 Nov	276	0.0476	0.0156	0.000949	12.7	0.101	163	0.000861	0.000861	0.00000525	0.00862	0.00342	0.144	0.0328	0.00000703	52.2	0.0000402	0.00391	0.000405	0.00142	0.0642	0.0000189	7.73	21.1	0.0941	0.0023	4.95	0.0126	0.0453	0.000364	0.000737	0.000366	0.443	0.0000026	0.00236	0.000908	0.00204	
2079 Dec	275	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000701	52	0.00004	0.0039	0.000402	0.00142	0.0637	0.0000189	7.71	21	0.0932	0.0023	4.93	0.0126	0.0452	0.000357	0.000733	0.000364	0.442	0.00000259	0.00236	0.000898	0.00203	
2080 Jan	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000701	52	0.0000401	0.0039	0.000402	0.00142	0.0637	0.0000189	7.72	21	0.0933	0.0023	4.93	0.0126	0.0452	0.000356	0.000733	0.000365	0.442	0.00000259	0.00236	0.000898	0.00203	
2080 Feb	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000701	52	0.0000401	0.0039	0.000402	0.00142	0.0637	0.0000189	7.72	21	0.0933	0.0023	4.93	0.0126	0.0452	0.000357	0.000734	0.000365	0.442	0.00000259	0.00236	0.000899	0.00203	
2080 Mar	276	0.0484	0.0155	0.000946	12.6	0.102	163	0.000858	0.000858	0.00000523	0.00862	0.00341	0.144	0.0326	0.00000702	52.1	0.0000401	0.0039	0.000402	0.00142	0.0637	0.0000189	7.72	21	0.0933	0.0023	4.93	0.0126	0.0452	0.000357	0.000734	0.000365	0.442	0.00000259	0.00236	0.000899	0.00203	
2080 Apr	276	0.0486	0.0155	0.000948	12.7	0.102	163	0.00086	0.00086	0.00000525	0.00864	0.00342	0.144	0.0327	0.00000703	52.2	0.0000401	0.00391	0.000403	0.00142	0.0639	0.000019	7.73	21.1	0.0936	0.00231	4.94	0.0126	0.0453	0.000358	0.000735	0.000365	0.443	0.0000026	0.00237	0.000901	0.00203	
2080 May	280	0.0493	0.0158	0.000963	12.9	0.103	166	0.000873	0.000873	0.00000533	0.00877	0.00347	0.146	0.0332	0.00000714	53	0.0000408	0.00397	0.000409	0.00144	0.0649	0.0000192	7.85	21.4	0.095	0.00234	5.02	0.0128	0.046	0.000363	0.000747	0.000371	0.45	0.00000264	0.0024	0.000915	0.00206	
2080 Jun	244	0.043	0.0143	0.000947	11.7	0.0908	142	0.000871	0.000871	0.00000518	0.00843	0.00308	0.126	0.0297	0.00000673	46.5	0.0000373	0.00342	0.000361	0.00131	0.0605	0.0000177	6.82	18.4	0.083	0.00201	4.58	0.0111	0.0449	0.000322	0.000668	0.000323	0.391	0.00000252	0.00206	0.000845	0.00203	
2080 Jul	235	0.0402	0.0138	0.000953	11.2	0.0879	136	0.000882	0.000882	0.00000519	0.00839	0.00298	0.121	0.0286	0.00000668	44.6	0.000037	0.00328	0.000344	0.00127	0.0591	0.0000174	6.56	17.7	0.0791	0.00193	4.44	0.0107	0.0449	0.000304	0.000649	0.00031	0.374	0.00000249	0.00198	0.00082	0.00204	
2080 Aug	244	0.0404	0.0139	0.000971	11.4	0.0917	142	0.000898	0.000898	0.00000531	0.00855	0.00308	0.127	0.0292	0.00000686	46.1	0.0000378	0.00342	0.000349	0.00131	0.0597	0.000018	6.82	18.4	0.0809	0.00201	4.51	0.0111	0.0456	0.000304	0.000671	0.000322	0.389	0.00000256	0.00206	0.000827	0.00207	
2080 Sep	248	0.0411	0.0136	0.000963	11.3	0.0939	145	0.000889	0.000889	0.00000529	0.00853	0.00312	0.13	0.0291	0.00000688	46.6	0.0000379	0.0035	0.000345	0.00132	0.0584	0.0000181	6.95	18.8	0.0806	0.00207	4.46	0.0113	0.0451	0.00029	0.000677	0.000327	0.395	0.00000256	0.00212	0.00081	0.00205	
2080 Oct	257	0.0422	0.0134	0.000951	11.2	0.0973	152	0.000875	0.000875	0.00000526	0.00857	0.0032	0.135	0.0293	0.00000693	47.8	0.0000385	0.00365	0.000344	0.00133	0.0573	0.0000184	7.21	19.5	0.0815	0.00216	4.42	0.0118	0.0446	0.000279	0.000696	0.000339	0.409	0.00000257	0.00221	0.000805	0.00203	
2080 Nov	261	0.043	0.0133	0.000942	11.1	0.0989	155	0.000866	0.000866	0.00000523	0.00858	0.00323	0.138	0.0293	0.00000694	48.3	0.0000388	0.00372	0.000343	0.00134	0.0566	0.0000185	7.32	19.9	0.0817	0.00221	4.38	0.012	0.0443	0.000272	0.000704	0.000343	0.414	0.00000257	0.00226	0.000798	0.00202	
2080 Dec	263	0.043	0.0133	0.000941	11.1	0.0996	157	0.000865	0.000865	0.00000523	0.0086	0.00325	0.139	0.0293	0.00000695	48.6	0.000039	0.00376	0.000343	0.00134	0.0565	0.0000186	7.38	20	0.0821	0.00223	4.38	0.0121	0.0442	0.000271	0.000709	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	
2081 Jan	263	0.0431	0.0133	0.000941	11.1	0.0997	157	0.000865	0.000865	0.00000523	0.0086	0.00325	0.139	0.0293	0.00000695	48.7	0.000039	0.00376	0.000343	0.00135	0.0565	0.0000186	7.38	20.1	0.0821	0.00223	4.38	0.0121	0.0442	0.000271	0.000709	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	
2081 Feb	263	0.0431	0.0133	0.000941	11.1	0.0997	157	0.000865	0.000865	0.00000523	0.0086	0.00325	0.139	0.0293	0.00000696	48.7	0.000039	0.00376	0.000344	0.00135	0.0565	0.0000186	7.38	20.1	0.0821	0.00223	4.38	0.0121	0.0442	0.000271	0.000709	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	
2081 Mar	263	0.0431	0.0133	0.000941	11.1	0.0997	157	0.000865	0.000865	0.00000524	0.0086	0.00325	0.139	0.0294	0.00000696	48.7	0.000039	0.00376	0.000344	0.00135	0.0566	0.0000186	7.39	20.1	0.0822	0.00223	4.39	0.0121	0.0442	0.000271	0.00071	0.000346	0.418	0.00000258	0.00228	0.0008	0.00202	
2081 Apr	264	0.0433	0.0133	0.000945	11.2	0.1	157	0.000868	0.000868	0.00000525	0.00863	0.00327	0.14	0.0295	0.00000698	48.9	0.0000391	0.00377	0.000345	0.00135	0.0568	0.0000187	7.41	20.1	0.0825	0.00224	4.4	0.0122	0.0444	0.000272	0.000712	0.000348	0.419	0.00000259	0.00229	0.000804	0.00203	
2081 May	251	0.0456	0.0142	0.000953	12	0.0942	146	0.000882	0.000882	0.00000526	0.00851	0.00317	0.13	0.0307	0.00000685	47.9	0.0000379	0.00352	0.000372	0.00135	0.0619	0.0000181	7.03	19	0.0853	0.00208	4.68	0.0114	0.0457	0.000329	0.000677	0.000332	0.403	0.00000255	0.00213	0.000849	0.00202	
2081 Jun	227	0.0459	0.0146	0.000932	12.5	0.0837	128	0.000871	0.000871	0.00000509	0.0081	0.00294	0.114	0.0307	0.00000648	44.9	0.0000353	0.00311	0.000387	0.0013	0.0653	0.0000168	6.32	17	0.0849	0.00183	4.8	0.0101	0.0456	0.00038	0.000614	0.000301	0.367	0.00000243	0.00185	0.00087	0.00196	
2081 Jul	241	0.0478	0.0153	0.000981	13.1	0.0889	136	0.000917	0.000917	0.00000537	0.00855	0.00311	0.121	0.0323	0.00000685	47.5	0.0000373	0.00331	0.000406	0.00137	0.0684	0.0000178	6.71	18	0.0895	0.00195	5.03	0.0108	0.0478	0.000397	0.000652	0.00032	0.39	0.00000256	0.00198	0.000915	0.00207	
2081 Aug	259	0.0499	0.016	0.00103	13.7	0.0955	147	0.000959	0.000959	0.00000564	0.00901	0.00332	0.131	0.0341	0.00000725	50.8	0.0000397	0.00357	0.000428	0.00145	0.0715	0.0000189	7.22	19.5	0.095	0.0021	5.26	0.0116	0.05	0.000413	0.0007	0.000344	0.419	0.00000271	0.00214	0.000962	0.00217	
2081 Sep	270	0.0502	0.0158	0.00102	13.6	0.0998	155	0.000949	0.000949	0.00000564	0.00906	0.00342	0.138	0.0343	0.00000734	52.2	0.0000405	0.00376	0.000426	0.00147	0.0701	0.0000193	7.53	20.4	0.096	0.00221	5.21	0.0122	0.0495	0.000399	0.000724	0.000358	0.435	0.00000273	0.00226	0.000955	0.00217	
2081 Oct	281	0.0504	0.0157	0.00101	13.4	0.104	164	0.000936	0.000936	0.00000563	0.00913	0.00353	0.145	0.0345	0.00000742	53.8	0.0000415	0.00395	0.000427	0.00149	0.0691	0.0000198	7.87	21.4	0.0976	0.00233	5.16	0.0128	0.0489	0.000389	0.000752	0.000373	0.452	0.00000276	0.00238	0.000956	0.00217	
2081 Nov	282	0.051	0.0152	0.000991	13.2	0.105	166	0.000919	0.000919	0.00000555	0.00907	0.00353	0.147	0.0341	0.00000736	53.7	0.0000414	0.00398	0.000419	0.00148	0.0674	0.0000197	7.91	21.5	0.0964	0.00235	5.06	0.0129	0.0482	0.000373	0.000752	0.000374	0.454	0.00000273	0.00241	0.000935	0.00213	
2081 Dec	282	0.0513	0.0152	0.00099	13.1	0.105	165	0.000917	0.000917	0.00000554	0.00906	0.00352	0.147	0.034	0.00000735	53.6	0.0000413	0.00398	0.000417	0.00148	0.0671	0.0000197	7.89	21.4	0.096	0.00235	5.05	0.0129	0.0481	0.00037	0.00075	0.000373	0.453	0.00000273	0.0024	0.00093	0.00212	
2082 Jan	282	0.0513	0.0152	0.00099	13.1	0.105	166	0.000917	0.000917	0.00000555	0.00906	0.00352	0.147	0.034	0.00000736	53.6	0.0000413	0.00398	0.000417	0.00148	0.0671	0.0000197	7.9	21.5	0.096	0.00235	5.05	0.0129	0.0481	0.00037	0.00075	0.000373	0.453	0.00000273	0.0024	0.00093	0.00213	
2082 Feb	282	0.0513	0.0152	0.00099	13.2	0.105	166	0.000917	0.000917	0.00000555	0.

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2084 Dec	273	0.0502	0.0134	0.000884	12.5	0.101	161	0.000839	0.000839	0.00000513	0.0084	0.0034	0.142	0.0333	0.00000689	52.3	0.000039	0.00386	0.000416	0.00143	0.0653	0.0000186	7.66	20.9	0.0953	0.00228	4.69	0.0125	0.0448	0.00038	0.000719	0.000363	0.441	0.00000255	0.00233	0.000903	0.00195	
2085 Jan	274	0.0502	0.0134	0.000884	12.5	0.101	162	0.000838	0.000838	0.00000513	0.00841	0.00341	0.142	0.0333	0.00000689	52.4	0.0000391	0.00388	0.000416	0.00143	0.0652	0.0000186	7.69	21	0.0954	0.00229	4.69	0.0125	0.0448	0.00038	0.000721	0.000364	0.443	0.00000255	0.00234	0.000904	0.00195	
2085 Feb	274	0.0502	0.0134	0.000884	12.5	0.101	162	0.000838	0.000838	0.00000513	0.00841	0.00341	0.142	0.0333	0.0000069	52.4	0.0000391	0.00388	0.000416	0.00143	0.0652	0.0000186	7.69	21	0.0955	0.00229	4.69	0.0125	0.0448	0.00038	0.000721	0.000364	0.443	0.00000255	0.00234	0.000904	0.00195	
2085 Mar	274	0.0502	0.0134	0.000884	12.5	0.101	162	0.000839	0.000839	0.00000513	0.00841	0.00341	0.143	0.0333	0.0000069	52.4	0.0000391	0.00388	0.000416	0.00143	0.0653	0.0000186	7.69	21	0.0955	0.00229	4.69	0.0125	0.0448	0.00038	0.000721	0.000364	0.443	0.00000255	0.00234	0.000905	0.00196	
2085 Apr	275	0.0504	0.0134	0.000887	12.6	0.101	162	0.000841	0.000841	0.00000515	0.00844	0.00343	0.143	0.0334	0.00000692	52.6	0.0000393	0.00389	0.000418	0.00143	0.0655	0.0000187	7.72	21	0.0958	0.0023	4.7	0.0126	0.0449	0.00038	0.000723	0.000365	0.444	0.00000256	0.00235	0.000908	0.00196	
2085 May	273	0.0515	0.0141	0.000893	13.1	0.0994	159	0.000849	0.000849	0.00000516	0.00841	0.00342	0.14	0.0345	0.00000692	52.9	0.0000391	0.00383	0.000439	0.00145	0.0688	0.0000186	7.64	20.8	0.099	0.00225	4.89	0.0124	0.0456	0.00039	0.000717	0.000363	0.443	0.00000255	0.00231	0.000946	0.00197	
2085 Jun	256	0.0516	0.0146	0.000889	13.6	0.0919	146	0.00085	0.00085	0.00000509	0.00817	0.00326	0.128	0.0347	0.00000667	50.8	0.0000374	0.00353	0.000451	0.00141	0.0717	0.0000177	7.13	19.3	0.099	0.00207	5.03	0.0114	0.0459	0.000459	0.000673	0.000341	0.417	0.00000248	0.00211	0.000967	0.00195	
2085 Jul	270	0.0527	0.0151	0.000922	13.9	0.0973	155	0.000881	0.000881	0.0000053	0.00851	0.00343	0.136	0.036	0.00000698	53.3	0.0000392	0.00374	0.000466	0.00148	0.0739	0.0000186	7.54	20.5	0.103	0.00219	5.18	0.0121	0.0475	0.000469	0.000712	0.000361	0.44	0.00000259	0.00224	0.001	0.00203	
2085 Aug	284	0.0518	0.0149	0.000922	13.8	0.103	165	0.000879	0.000879	0.00000535	0.00861	0.00357	0.145	0.0363	0.00000715	55.2	0.0000403	0.00397	0.000467	0.00151	0.0729	0.0000192	7.94	21.6	0.105	0.00233	5.13	0.0128	0.0472	0.000457	0.000746	0.000379	0.461	0.00000265	0.00239	0.001	0.00205	
2085 Sep	294	0.0517	0.0142	0.000898	13.3	0.107	174	0.000854	0.000854	0.00000527	0.00859	0.00364	0.153	0.0358	0.00000717	56.2	0.0000409	0.00416	0.000453	0.00151	0.0695	0.0000195	8.24	22.5	0.104	0.00245	4.95	0.0134	0.0458	0.000424	0.000767	0.000391	0.476	0.00000264	0.00252	0.000968	0.00201	
2085 Oct	301	0.0521	0.0136	0.000875	12.9	0.11	180	0.00083	0.00083	0.0000052	0.00858	0.0037	0.158	0.0353	0.00000717	56.9	0.0000413	0.0043	0.000443	0.00151	0.0668	0.0000197	8.46	23.2	0.103	0.00254	4.79	0.0138	0.0447	0.000398	0.000783	0.0004	0.486	0.00000263	0.00261	0.000944	0.00198	
2085 Nov	302	0.0525	0.0133	0.000865	12.7	0.111	182	0.00082	0.00082	0.00000516	0.00857	0.0037	0.159	0.035	0.00000715	56.9	0.0000414	0.00434	0.000436	0.00151	0.0655	0.0000198	8.51	23.4	0.102	0.00256	4.72	0.014	0.0443	0.000384	0.000785	0.000402	0.488	0.00000262	0.00263	0.000929	0.00196	
2085 Dec	303	0.0525	0.0133	0.000864	12.7	0.111	182	0.00082	0.00082	0.00000516	0.00858	0.00371	0.16	0.035	0.00000716	57.1	0.0000415	0.00435	0.000436	0.00151	0.0655	0.0000198	8.54	23.4	0.102	0.00257	4.72	0.014	0.0443	0.000384	0.000787	0.000403	0.489	0.00000263	0.00264	0.00093	0.00196	
2086 Jan	303	0.0525	0.0133	0.000864	12.7	0.112	182	0.00082	0.00082	0.00000516	0.00858	0.00371	0.16	0.035	0.00000716	57.1	0.0000415	0.00435	0.000436	0.00151	0.0655	0.0000198	8.54	23.4	0.102	0.00257	4.72	0.014	0.0443	0.000384	0.000787	0.000403	0.489	0.00000263	0.00264	0.00093	0.00196	
2086 Feb	303	0.0525	0.0133	0.000865	12.7	0.112	182	0.00082	0.00082	0.00000516	0.00858	0.00371	0.16	0.035	0.00000716	57.1	0.0000415	0.00435	0.000436	0.00151	0.0655	0.0000198	8.54	23.4	0.102	0.00257	4.72	0.014	0.0443	0.000384	0.000787	0.000403	0.489	0.00000263	0.00264	0.00093	0.00196	
2086 Mar	304	0.0525	0.0133	0.000865	12.7	0.112	182	0.00082	0.00082	0.00000516	0.00858	0.00371	0.16	0.0351	0.00000716	57.1	0.0000415	0.00436	0.000437	0.00151	0.0655	0.0000198	8.54	23.4	0.102	0.00257	4.72	0.014	0.0443	0.000384	0.000788	0.000403	0.49	0.00000263	0.00265	0.00093	0.00196	
2086 Apr	305	0.0528	0.0134	0.000868	12.8	0.112	183	0.000824	0.000824	0.00000518	0.00862	0.00373	0.161	0.0352	0.00000719	57.3	0.0000417	0.00437	0.000439	0.00152	0.0658	0.0000199	8.58	23.5	0.103	0.00258	4.74	0.0141	0.0445	0.000386	0.000791	0.000405	0.492	0.00000264	0.00266	0.000934	0.00197	
2086 May	308	0.0536	0.0137	0.00088	13.1	0.113	184	0.000835	0.000835	0.00000525	0.00871	0.00377	0.162	0.0359	0.00000727	58.1	0.0000421	0.0044	0.00045	0.00154	0.0676	0.0000201	8.65	23.7	0.105	0.0026	4.85	0.0142	0.0452	0.000402	0.000798	0.000409	0.497	0.00000267	0.00267	0.000957	0.00199	
2086 Jun	254	0.0483	0.0135	0.00086	12.6	0.0921	147	0.000825	0.000825	0.00000497	0.00804	0.00321	0.129	0.0331	0.00000657	49.7	0.0000371	0.00354	0.000424	0.00137	0.0672	0.0000175	7.11	19.3	0.0947	0.00208	4.69	0.0115	0.0442	0.000417	0.000673	0.000339	0.413	0.00000244	0.00213	0.000921	0.00191	
2086 Jul	260	0.0474	0.0135	0.000887	12.6	0.0945	150	0.000852	0.000852	0.00000513	0.00829	0.00328	0.133	0.0333	0.00000677	50.5	0.0000382	0.00363	0.000423	0.00139	0.0676	0.000018	7.27	19.7	0.0952	0.00213	4.7	0.0117	0.0452	0.00041	0.000693	0.000346	0.421	0.00000251	0.00218	0.000931	0.00199	
2086 Aug	276	0.0472	0.0135	0.000901	12.6	0.101	162	0.000864	0.000864	0.00000526	0.00849	0.00345	0.143	0.0341	0.00000702	53	0.0000397	0.00389	0.00043	0.00144	0.0677	0.0000189	7.73	21.1	0.0981	0.00228	4.73	0.0126	0.0456	0.000405	0.000733	0.000368	0.446	0.0000026	0.00235	0.000941	0.00203	
2086 Sep	284	0.047	0.013	0.000885	12.3	0.105	169	0.000848	0.000848	0.00000522	0.00848	0.00352	0.149	0.0338	0.00000707	53.9	0.0000401	0.00405	0.00042	0.00145	0.0651	0.0000192	8	21.8	0.0976	0.00238	4.6	0.0131	0.0446	0.000379	0.000751	0.000379	0.459	0.00000261	0.00245	0.000915	0.002	
2086 Oct	296	0.0474	0.0128	0.000876	12.2	0.109	178	0.000837	0.000837	0.00000522	0.00856	0.00363	0.156	0.034	0.00000716	55.5	0.0000411	0.00425	0.00042	0.00147	0.0641	0.0000197	8.33	22.8	0.0992	0.0025	4.55	0.0137	0.0441	0.000368	0.000779	0.000394	0.476	0.00000263	0.00258	0.000916	0.00201	
2086 Nov	299	0.0474	0.0128	0.000876	12.2	0.11	180	0.000837	0.000837	0.00000523	0.0086	0.00366	0.158	0.0342	0.0000072	55.9	0.0000414	0.00429	0.000422	0.00148	0.0641	0.0000198	8.41	23	0.0998	0.00252	4.55	0.0138	0.0442	0.000368	0.000786	0.000397	0.481	0.00000265	0.0026	0.000919	0.00201	
2086 Dec	300	0.0474	0.0128	0.000876	12.2	0.11	181	0.000836	0.000836	0.00000523	0.00861	0.00367	0.159	0.0342	0.00000721	56.1	0.0000416	0.00431	0.000423	0.00149	0.0641	0.0000199	8.45	23.2	0.1	0.00254	4.55	0.0139	0.0441	0.000368	0.00079	0.000399	0.483	0.00000265	0.00262	0.00092	0.00202	
2087 Jan	300	0.0474	0.0128	0.000876	12.2	0.111	181	0.000836	0.000836	0.00000523	0.00861	0.00367	0.159	0.0342	0.00000721	56.2	0.0000416	0.00432	0.000423	0.00149	0.0641	0.0000199	8.46	23.2	0.1	0.00254	4.55	0.0139	0.0441	0.000368	0.00079	0.000399	0.483	0.00000265	0.00262	0.00092	0.00202	
2087 Feb	300	0.0474	0.0128	0.000876	12.2	0.111	181	0.000837	0.000837	0.00000523	0.00861	0.00368	0.159	0.0342	0.00000722	56.2	0.0000416	0.00432	0.000423	0.00149	0.0641	0.0000199	8.46	23.2	0.1	0.00254	4.55	0.0139	0.0441	0.000368	0.00079	0.000399	0.483	0.00000265	0.00262	0.00092	0.00202	
2087 Mar	300	0.0475	0.0128	0.000877	12.2	0.111	181	0.000837	0.000837	0.00000524	0.00862	0.00368	0.159	0.0343	0.00000722	56.2	0.0000416	0.00432	0.000423	0.00149	0.0642	0.0000199	8.47	23.2	0.1	0.00254	4.55	0.0139	0.0442	0.000369	0.000791	0.0004	0.484	0.00000265	0.00262	0.000922	0.00202	
2087 Apr	301	0.0476	0.0129	0.000879	12.2	0.111	181	0.000839	0.000839	0.00000525	0.00864	0.00369	0.159	0.0343	0.00000724	56.4	0.0000417	0.00433	0.000424	0.00149	0.0643	0.0000199	8.48	23.2	0.1	0.00255	4.56	0.0139	0.0443	0.000369	0.000793	0.000401	0.485	0.00000266	0.00263	0.000924	0.00202	
2087 May	294	0.0486	0.0133	0.000886	12.6	0.108	175	0.000848	0.000848	0.00000525	0.00858	0.00362	0.154	0.0348	0.00000717	55.6	0.000041	0.00419	0.000435	0.00149	0.0666	0.0000196	8.26	22.6	0.101	0.00246	4.7	0.0135	0.0449	0.000395	0.000773	0.000391	0.474	0.00000264	0.00254	0.000943	0.00202	
2087 Jun	255	0.0491	0.0141	0.00088	13.3	0.0915	145	0.000849	0.000849	0.00000508	0.00809	0.00325	0.128	0.0344	0.00000666	50.5	0.0000371	0.00352	0.000448	0.0014	0.0711	0.0000176	7.1	19.2	0.0985	0.00205	4.92	0.0114	0.0454	0.000456	0.000672	0.000341	0.415	0.00000248	0.0021	0.000961	0.00195	
2087 Jul	267	0.0492	0.0143	0.000903	13.4	0.0963	153	0.00087	0.00087	0.00000524	0.00834	0.00339	0.135	0.0353	0.00000691	52.5	0.0000386	0.00371	0.000456	0.00145	0.0722	0.0000184	7.46	20.2	0.101	0.00217	4.98	0.012	0.0464	0.000458	0.000706	0.000357	0.435	0.00000256	0.00222	0.000981	0.00201	
2087 Aug	282	0.0503	0.0147	0.000931	13.8	0.102	163	0.000897	0.000897	0.00000543	0.00866	0.00356	0.144	0.0366	0.00000721	55.1	0.0000404	0.00394	0.000471	0.00151	0.0741	0.0000193	7.89	21.5	0.106	0.0023	5.12	0.0127	0.0478	0.000467	0.000745	0.000377	0.459	0.00000267	0.00236	0.00101	0.00209	
2087 Sep	298	0.0511	0.0147	0.000935	13.8	0.108	174	0.0009	0.0009	0.00000551	0.00886	0.00372	0.153	0.0373	0.00000741	57.5	0.000042	0.0042	0.000478	0.00155	0.074	0.00002	8.35	22.8	0.109	0.00245	5.13	0.0135	0.0479	0.000463	0.000785	0.000398	0.483	0.00000274	0.00253	0.00103	0.00212	
2087 Oct	307	0.0512	0.0143	0.00092	13.6	0.111	182	0.000884	0.000884	0.00000547	0.0089	0.0038	0.16	0.0373	0.00000746	58.6	0.0000428	0.00436	0.000474	0.00157	0.0724	0.0000204	8.62	23.6	0.109	0.00255	5.03	0.014	0.0472	0.000447	0.000807	0.00041	0.497	0.00000275	0.00263	0.00102	0.00211	
2087 Nov	308	0.0515	0.0142	0.000916	13.5	0.112	183	0.00088	0.00088	0.00000546	0.0089	0.00381	0.16	0.0372	0.00000746	58.7	0.0000429	0.00438	0.000472	0.00157	0.0719	0.0000204	8.65	23.7	0.109	0.00256	5	0.0141	0.047	0.000441	0.000809	0.000411	0.499	0.00000275	0.00265	0.00101	0.0021	
2087 Dec	310	0.0514	0.0142	0.000915	13.5	0.113	184	0.000878	0.000878	0.00000546	0.00891	0.00383	0.162	0.0372	0.00000748	59	0.0000431	0.00442	0.000473	0.00157	0.0718	0.0000205	8.71	23.9	0.109	0.00259	5	0.0142	0.047	0.000441	0.000814	0.000414	0.502	0.00000275	0.00267	0.00101	0.00211	
2088 Jan	310	0.0514	0.0142	0.000915	13.5	0.113	185	0.000878	0.000878	0.00000546	0.00892	0.00383	0.162	0.0373	0.00000748	59.1	0.0000431	0.00442	0.000473	0.00157	0.0718	0.0000205	8.73	23.9	0.109	0.00259	5	0.0142	0.047	0.000441	0.000815	0.000414	0.503	0.00000275	0.00268	0.00102	0.00211	
2088 Feb	310	0.0514	0.0142	0.000915	13.5	0.113	185	0.000878	0.000878	0.00000546	0.00892	0.00383	0.162	0.0373	0.00000748	59.1	0.0000431	0.00442	0.000473	0.00157	0.0718	0.0000205	8.73	23.9	0.109	0.00259	5	0.0142	0.047	0.000441	0.000816	0.000414	0.503	0.00000275	0.00268	0.00102	0.00211	
2088 Mar	311	0.0514	0.0142	0.000916	13.5	0.113	185	0.000879	0.000879	0.00000547	0.00892	0.00384	0.162	0.0373	0.00000749	59.2	0.0000432	0.00443	0.000473	0.00157	0.0719	0.0000205	8.74	23.9	0.109	0.00259	5	0.0143	0.047	0.000441	0.000816	0.000415	0.503	0.00000276	0.00268	0.00102	0.00211	
2088 Apr	313	0.0519	0.0143	0.000923	13.6	0.114	186	0.000886	0.000886	0.00000551	0.009	0.00387	0.164	0.0376	0.00000755	59.6	0.0000435	0.00446	0.000477	0.00159	0.0724	0.0000207	8.81	24.1	0.11	0.00261	5.04	0.0144	0.0474	0.000445	0.000823	0.000418	0.507	0.00000278	0.0027	0.00102	0.00213	
2088 May	319	0.0529	0.0146	0.000939	13.9	0.116	190	0.000902	0.000902	0.00000561	0.00915	0.00394	0.166	0.0383	0.00000768	60.8	0.0000443	0.00454	0.000487	0.00162	0.0739	0.0000211	8.96	24.5	0.113	0.00266	5.14	0.0146	0.0482	0.000453	0.000838	0.000426	0.516	0.00000283	0.00275	0.00104	0.00216	
2088 Jun	274	0.0461	0.0134	0.00093	12.6	0.1	160	0.000899	0.000899	0.00000542	0.00874	0.00344	0.141	0.034	0.00000716	52.6	0.0000404	0.00385	0.000428	0.00145	0.0685	0.0000191	7.67	20.8	0.0975	0.00225	4.71	0.0125	0.047	0.000403	0.000738	0.000365	0.442	0.00000266	0.00232	0.000956	0.00212	
2088 Jul	278	0.0458	0.0135	0.000964	12.7	0.102	162	0.000932	0.000932	0.0000056	0.00903	0.0035	0.144	0.0344	0.00000737	53.3	0.0000416	0.00391	0.000429	0.00147	0.0695	0.0000196	7.79	21.1	0.0982	0.00228	4.76	0.0127	0.0484	0.000401	0.000755	0.00037	0.448	0.00000274	0.00235	0.000973	0.0022	
2088 Aug	300	0.0479	0.0142	0.00101	13.3	0.11	176	0.000978	0.000978	0.00000591	0.00955	0.00375	0.156	0.0364	0.00000784	57.2	0.0000444	0.00424	0.000454	0.00157	0.0728	0.0000221	8.41	22.9	0.105	0.00247	4.99	0.0137	0.0507	0.000419	0.000812	0.000399	0.483	0.00000291	0.00255	0.00103	0.00232	
2088 Sep	314	0.0484	0.0142	0.00101	13.3	0.115	187	0.000979	0.000979	0.00000598	0.00972	0.00391	0.165	0.0372	0.00000802	59.4	0.0000459	0.00448	0.000461	0.00161	0.0728	0.0000216	8.84	24.1	0.108	0.00261	5	0.0145	0.0508	0.000416	0.00085	0.000419	0.506	0.00000297	0.00271	0.00104	0.00236	
2088 Oct	307	0.0496	0.0133	0.000974	12.7	0.114	183	0.00094	0.00094	0.00000576	0.00947	0.0038	0.162	0.0356	0.00000777	57.7	0.0000445	0.00439	0.000437	0.00156	0.0688	0.0000021	8.64	23.6	0.103	0.00258	4.77	0.0142	0.0491	0.00038	0.000823	0.000408	0.493	0.00000287	0.00266	0.000982	0.00224	
2088 Nov	305	0.0504	0.0131	0.000969	12.7	0.113	182	0.000935	0.000935	0.00000573	0.00944	0.00377	0.161	0.0353	0.00000773	57.3	0.0000442	0.00436	0.000432	0.00155	0.0681	0.0000209	8.58	23.4	0.101	0.00257	4.74	0.0141	0.0489	0.000372	0.000815	0.000405	0.49	0.00000285	0.00264	0.000969	0.00222	
2088 Dec	306	0.0503	0.0131	0.000968	12.7	0.114	183	0.000934	0.000934	0.00000573	0.00945	0.00379	0.162	0.0354	0.00000774	57.5	0.0000443	0.00438	0.000432	0.00156	0.0681	0.0000021	8.62	23.5	0.102	0.00258	4.74	0.0141	0.0489	0.000372	0.000819	0.000407	0.492	0.00000286	0.00266	0.00097	0.00222	
2089 Jan	306	0.0504	0.0131	0.000968	12.7	0.114	183	0.000934	0.000934	0.00000573	0.00945	0.00379	0.162	0.0354	0.00000774	57.5	0.0000443	0.00438	0.000432	0.00156	0.0681	0.0000021	8.63	23.5	0.102	0.00258	4.74	0.0141	0.0489	0.000372	0.000819	0.000407	0.492	0.00000286	0.00266	0.00097	0.00222	
2089 Feb	306	0.0504	0.0131	0.000968	12.7	0.114	183	0.000936	0.000936	0.00000574	0.00947	0.00379	0.162	0.0354	0.00000775	57.6	0.0000444	0.00439	0.000433	0.00156	0.0682	0.0000021	8.64	23.6	0.102	0.00259	4.75	0.0142	0.049	0.000373	0.00082	0.000407	0.493	0.00000286	0.00266	0.000972	0.00223	
2089 Mar	307	0.0504	0.0131	0.000969	12.7	0.114	183	0.000936	0.000936	0.00000574	0.00947	0.00379	0.162	0.0354	0.00000775	57.6	0.0000444	0.00439	0.000433	0.00156	0.0682	0.0000021	8.64	23.6	0.102	0.00259	4.75	0.0142	0.049	0.000373	0.00082	0.000407	0.493	0.00000286	0.00266	0.000972	0.00223	
2089 Apr	308	0.0507	0.0131	0.000974	12.8	0.114	184	0.00094	0.00094	0.00000577	0.00951	0.00381	0.163	0.0356	0.00000779	57.9	0.0000446	0.00441	0.000435	0.00157	0.0685	0.0000211	8.68	23.7	0.102	0.0026	4.77	0.0142	0.0492	0.000375	0.000824	0.000409	0.495	0.00000288	0.00267	0.000977	0.00224	
2089 May	299	0.052	0.0138	0.000981	13.3	0.11	176	0.000949	0.000949	0.00000576	0.00942	0.00373	0.155	0.0362	0.00000769	57	0.0000436	0.00423	0.00045	0.00156	0.0716	0.0000206	8.38	22.8	0.104	0.00249	4.95	0.0137	0.05	0.00041	0.000798	0.000397	0.482	0.00000285	0.00255	0.001	0.00223	
2089 Jun	267	0.0528	0.0147	0.00097	14	0.0967	151	0.000942	0.000942	0.00000558	0.00893	0.00342	0.134	0.0363	0.00000723	53	0.0000402	0.00368	0.000467	0.00149	0.0759	0.000019	7.44	20.1	0.103	0.00215	5.18	0.0119	0.0501	0.000471	0.000714	0.000356	0.435	0.00000027	0.00219	0.00102	0.00215	
2089 Jul	283	0.0527	0.0148	0.000991	14.2	0.103	163	0.000963	0.000963	0.00000575	0.00921	0.00361	0.144	0.0373	0.00000752	55.6	0.000042	0.00394	0.000477	0.00155	0.0769	0.0000199	7.92	21.5	0.106	0.0023	5.24	0.0128	0.051	0.000472	0.000758	0.000378	0.461	0.0000028	0.00236	0.00105	0.00222	
2089 Aug	301	0.0528	0.0149	0.00101	14.3	0.11	175	0.000983	0.000983	0.00000593	0.00949	0.0038

Appendix D.2-30: J1

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	51.8	0.0419	0.00991	0.000999	10.9	0.0274	3.91	0.000999	0.000999	0.000005	0.00727	0.00117	0.00998	0.0195	0.000005	16.5	0.0000182	0.000251	0.000219	0.00086	0.0622	0.00000999	1.23	2.07	0.0327	0.000231	4.13	0.00118	0.0478	0.000254	0.000153	0.0000627	0.0836	0.000002	0.0000645	0.000558	0.00167	
Operation (2026-2036): Mean	60.9	0.0538	0.0121	0.00114	13.3	0.0313	4.76	0.00114	0.00114	0.0000057	0.00817	0.00136	0.0113	0.0238	0.0000057	20.1	0.0000212	0.000295	0.000287	0.000998	0.0858	0.0000114	1.44	2.56	0.0441	0.000279	4.93	0.00138	0.0519	0.000353	0.00019	0.0000753	0.102	0.00000228	0.0000734	0.000687	0.00196	
Operation (2026-2036): Max	77.5	0.071	0.0166	0.00126	17.8	0.0341	6.27	0.00126	0.00126	0.0000063	0.00901	0.00167	0.0124	0.0325	0.0000063	26.9	0.000024	0.000375	0.000434	0.00121	0.132	0.0000126	1.82	3.53	0.0692	0.000317	6.4	0.00165	0.0576	0.000575	0.000221	0.0001	0.139	0.00000252	0.0000839	0.000926	0.00221	
2092 Jun	247	0.0479	0.0123	0.000806	12.3	0.0894	142	0.000791	0.000791	0.00000478	0.00769	0.00313	0.126	0.0325	0.00000633	48.6	0.0000355	0.00344	0.00042	0.00134	0.0659	0.0000169	6.91	18.8	0.0933	0.00202	4.47	0.0111	0.0425	0.000416	0.000648	0.00033	0.403	0.00000235	0.00206	0.000897	0.00182	
2092 Jul	252	0.0458	0.012	0.000814	12	0.0914	146	0.000798	0.000798	0.00000484	0.0078	0.00317	0.129	0.0322	0.00000643	49	0.0000363	0.00353	0.000412	0.00134	0.0647	0.0000172	7.05	19.2	0.0927	0.00207	4.37	0.0114	0.0425	0.0004	0.000666	0.000336	0.409	0.00000238	0.00212	0.000892	0.00186	
2092 Aug	274	0.0469	0.0123	0.000837	12.3	0.0995	161	0.000821	0.000821	0.00000504	0.00818	0.00341	0.142	0.0338	0.0000068	52.7	0.0000388	0.00388	0.00043	0.00142	0.0663	0.0000184	7.69	21	0.0983	0.00227	4.48	0.0125	0.0436	0.000408	0.000724	0.000366	0.444	0.00000251	0.00234	0.00093	0.00195	
2092 Sep	300	0.0461	0.0119	0.00082	12	0.109	181	0.000802	0.000802	0.00000506	0.00835	0.00367	0.159	0.0346	0.00000705	56.5	0.0000412	0.00433	0.000435	0.00147	0.0646	0.0000195	8.47	23.3	0.103	0.00253	4.37	0.0139	0.0426	0.000391	0.000791	0.000401	0.485	0.00000258	0.00262	0.00094	0.00197	
2092 Oct	317	0.046	0.0116	0.000802	11.7	0.115	194	0.000783	0.000783	0.00000504	0.00844	0.00382	0.17	0.0349	0.00000717	58.7	0.0000428	0.00462	0.000435	0.0015	0.0629	0.0000202	8.96	24.7	0.105	0.0027	4.26	0.0148	0.0417	0.000376	0.000833	0.000423	0.511	0.00000262	0.00281	0.000941	0.00198	
2092 Nov	324	0.046	0.0115	0.000797	11.6	0.118	199	0.000777	0.000777	0.00000504	0.00849	0.00389	0.174	0.035	0.00000723	59.7	0.0000434	0.00473	0.000436	0.00152	0.0624	0.0000204	9.16	25.3	0.106	0.00276	4.23	0.0152	0.0415	0.000371	0.000849	0.000432	0.521	0.00000263	0.00288	0.000943	0.00198	
2092 Dec	324	0.046	0.0115	0.000797	11.6	0.118	199	0.000777	0.000777	0.00000505	0.00849	0.00389	0.174	0.0351	0.00000724	59.8	0.0000435	0.00474	0.000437	0.00152	0.0624	0.0000205	9.18	25.3	0.106	0.00277	4.23	0.0152	0.0415	0.000371	0.000851	0.000433	0.522	0.00000263	0.00289	0.000944	0.00199	
2093 Jan	325	0.046	0.0115	0.000796	11.6	0.118	199	0.000777	0.000777	0.00000505	0.0085	0.0039	0.174	0.0351	0.00000724	59.8	0.0000435	0.00475	0.000437	0.00152	0.0624	0.0000205	9.19	25.4	0.106	0.00277	4.23	0.0152	0.0415	0.000371	0.000852	0.000433	0.523	0.00000264	0.00289	0.000944	0.00199	
2093 Feb	325	0.046	0.0115	0.000796	11.6	0.118	200	0.000777	0.000777	0.00000505	0.0085	0.0039	0.175	0.0351	0.00000724	59.9	0.0000435	0.00475	0.000437	0.00152	0.0624	0.0000205	9.2	25.4	0.106	0.00278	4.23	0.0152	0.0415	0.000371	0.000853	0.000434	0.523	0.00000264	0.0029	0.000945	0.00199	
2093 Mar	326	0.0461	0.0115	0.000798	11.6	0.119	200	0.000779	0.000779	0.00000506	0.00852	0.00391	0.175	0.0352	0.00000726	60.1	0.0000437	0.00477	0.000438	0.00152	0.0626	0.0000206	9.23	25.5	0.107	0.00279	4.24	0.0153	0.0416	0.000372	0.000856	0.000435	0.525	0.00000264	0.00291	0.000948	0.00199	
2093 Apr	328	0.0464	0.0116	0.000802	11.7	0.119	201	0.000783	0.000783	0.00000509	0.00857	0.00393	0.176	0.0354	0.0000073	60.4	0.0000439	0.00479	0.000441	0.00153	0.0629	0.0000207	9.28	25.6	0.107	0.0028	4.26	0.0154	0.0418	0.000374	0.000861	0.000438	0.528	0.00000266	0.00292	0.000953	0.002	
2093 May	330	0.0474	0.012	0.000813	12	0.119	202	0.000794	0.000794	0.00000514	0.00864	0.00397	0.177	0.0362	0.00000736	61.1	0.0000443	0.00481	0.000455	0.00155	0.0651	0.0000208	9.33	25.7	0.11	0.00281	4.4	0.0154	0.0425	0.000396	0.000866	0.000441	0.532	0.00000268	0.00293	0.00098	0.00203	
2093 Jun	281	0.0469	0.0128	0.000812	12.6	0.1	165	0.000796	0.000796	0.00000494	0.00806	0.00348	0.145	0.035	0.00000675	54.2	0.0000394	0.00398	0.000455	0.00143	0.0686	0.0000185	7.89	21.6	0.104	0.00231	4.57	0.0128	0.0429	0.000446	0.000742	0.000376	0.457	0.00000248	0.0024	0.000977	0.00194	
2093 Jul	291	0.0473	0.013	0.00084	12.8	0.104	172	0.000824	0.000824	0.00000512	0.00834	0.00361	0.151	0.0359	0.000007	56	0.0000408	0.00414	0.000464	0.00148	0.0701	0.0000192	8.18	22.4	0.106	0.0024	4.66	0.0133	0.0442	0.000451	0.000771	0.00039	0.474	0.00000258	0.00249	0.001	0.00201	
2093 Aug	308	0.0477	0.0132	0.000859	12.9	0.11	184	0.000842	0.000842	0.00000527	0.00861	0.00379	0.161	0.037	0.00000728	58.7	0.0000426	0.0044	0.000476	0.00154	0.0711	0.0000201	8.67	23.8	0.11	0.00256	4.74	0.0142	0.045	0.000454	0.000814	0.000413	0.5	0.00000267	0.00266	0.00102	0.00207	
2093 Sep	322	0.0481	0.0129	0.000885	12.8	0.116	194	0.000833	0.000833	0.00000529	0.00873	0.00392	0.17	0.0373	0.00000742	60.6	0.0000439	0.00464	0.000476	0.00157	0.0699	0.0000207	9.07	25	0.112	0.0027	4.67	0.0149	0.0446	0.00044	0.000848	0.000431	0.521	0.00000271	0.00281	0.00102	0.00208	
2093 Oct	314	0.0497	0.0118	0.000816	12.1	0.114	190	0.000799	0.000799	0.00000551	0.00854	0.00381	0.167	0.0354	0.00000719	58.7	0.0000426	0.00454	0.000444	0.00152	0.0651	0.0000201	8.86	24.4	0.106	0.00266	4.4	0.0146	0.0431	0.000391	0.00082	0.000418	0.507	0.00000263	0.00276	0.000953	0.00198	
2093 Nov	311	0.0509	0.0114	0.000808	11.9	0.114	189	0.000791	0.000791	0.00000505	0.00852	0.00377	0.166	0.0348	0.00000713	58	0.0000421	0.0045	0.000433	0.00151	0.0635	0.00002	8.78	24.2	0.103	0.00266	4.33	0.0145	0.0428	0.000372	0.000809	0.000414	0.502	0.00000261	0.00274	0.000926	0.00194	
2093 Dec	312	0.051	0.0114	0.000808	11.9	0.114	190	0.000791	0.000791	0.00000506	0.00853	0.00378	0.166	0.0348	0.00000714	58.1	0.0000422	0.00452	0.000433	0.00151	0.0635	0.00002	8.8	24.2	0.103	0.00266	4.32	0.0145	0.0428	0.000372	0.000811	0.000415	0.503	0.00000261	0.00275	0.000926	0.00194	
2094 Jan	313	0.0509	0.0114	0.000807	11.9	0.114	190	0.00079	0.00079	0.00000506	0.00853	0.00378	0.166	0.0349	0.00000714	58.2	0.0000423	0.00453	0.000433	0.00151	0.0635	0.00002	8.82	24.3	0.103	0.00267	4.32	0.0145	0.0428	0.000372	0.000813	0.000416	0.504	0.00000261	0.00276	0.000927	0.00194	
2094 Feb	313	0.051	0.0114	0.000807	11.9	0.115	190	0.00079	0.00079	0.00000506	0.00853	0.00379	0.167	0.0349	0.00000715	58.2	0.0000423	0.00453	0.000434	0.00151	0.0635	0.00002	8.83	24.3	0.103	0.00267	4.32	0.0145	0.0428	0.000372	0.000813	0.000416	0.504	0.00000261	0.00276	0.000927	0.00194	
2094 Mar	313	0.051	0.0114	0.000808	11.9	0.115	190	0.000791	0.000791	0.00000506	0.00854	0.00379	0.167	0.0349	0.00000716	58.3	0.0000424	0.00454	0.000434	0.00151	0.0636	0.00002	8.84	24.3	0.104	0.00267	4.33	0.0146	0.0429	0.000372	0.000814	0.000417	0.505	0.00000261	0.00276	0.000929	0.00195	
2094 Apr	314	0.0512	0.0114	0.000811	12	0.115	191	0.000794	0.000794	0.00000508	0.00857	0.0038	0.167	0.0351	0.00000718	58.5	0.0000425	0.00455	0.000436	0.00152	0.0638	0.0000201	8.87	24.4	0.104	0.00268	4.35	0.0146	0.043	0.000373	0.000817	0.000418	0.507	0.00000262	0.00277	0.000932	0.00195	
2094 May	311	0.0516	0.012	0.000813	12.4	0.113	188	0.000796	0.000796	0.00000508	0.00852	0.00379	0.165	0.0357	0.00000714	58.5	0.0000423	0.00449	0.000451	0.00152	0.0662	0.0000199	8.78	24.2	0.106	0.00264	4.48	0.0144	0.0434	0.000403	0.00081	0.000415	0.503	0.00000261	0.00273	0.00096	0.00196	
2094 Jun	296	0.0519	0.013	0.000821	13.1	0.106	175	0.000806	0.000806	0.00000504	0.00832	0.00365	0.153	0.0365	0.00000695	56.9	0.0000408	0.00419	0.000474	0.0015	0.0708	0.0000191	8.3	22.8	0.108	0.00245	4.73	0.0135	0.0442	0.00046	0.000771	0.000395	0.481	0.00000255	0.00253	0.001	0.00196	
2094 Jul	319	0.054	0.0136	0.000865	13.7	0.114	189	0.000849	0.000849	0.00000534	0.00884	0.00392	0.166	0.0387	0.00000742	61	0.0000438	0.00454	0.0005	0.0016	0.0742	0.0000205	8.95	24.6	0.115	0.00265	4.95	0.0146	0.0464	0.000479	0.000832	0.000426	0.518	0.00000272	0.00274	0.00106	0.00208	
2094 Aug	352	0.0561	0.0142	0.000903	14.2	0.126	212	0.000886	0.000886	0.00000566	0.00943	0.00428	0.185	0.0413	0.00000798	66.6	0.0000477	0.00506	0.000532	0.00172	0.0775	0.0000223	9.91	27.3	0.124	0.00294	5.16	0.0162	0.0484	0.000499	0.000919	0.00047	0.571	0.00000292	0.00306	0.00113	0.00222	
2094 Sep	364	0.0562	0.0137	0.000888	13.9	0.131	222	0.00087	0.00087	0.00000564	0.00951	0.0044	0.193	0.0413	0.00000807	68.2	0.0000488	0.00528	0.000527	0.00174	0.0755	0.0000228	10.3	28.4	0.125	0.00308	5.04	0.0169	0.0477	0.000478	0.00095	0.000487	0.59	0.00000294	0.00321	0.00112	0.00221	
2094 Oct	364	0.0562	0.0128	0.000854	13.3	0.131	223	0.000836	0.000836	0.00000548	0.00936	0.00436	0.195	0.0399	0.00000793	67.4	0.0000483	0.0053	0.000503	0.00171	0.0712	0.0000226	10.3	28.4	0.121	0.00311	4.79	0.017	0.046	0.000437	0.000944	0.000485	0.587	0.00000288	0.00323	0.00107	0.00214	
2094 Nov	357	0.0568	0.0119	0.000825	12.7	0.13	220	0.000808	0.000808	0.00000532	0.0092	0.00426	0.192	0.0383	0.00000774	65.7	0.0000472	0.00522	0.000477	0.00167	0.0672	0.0000221	10.1	27.9	0.116	0.00308	4.56	0.0167	0.0446	0.000397	0.000922	0.000475	0.575	0.00000281	0.00319	0.00101	0.00206	
2094 Dec	357	0.0569	0.0118	0.000823	12.6	0.13	220	0.000806	0.000806	0.00000531	0.00919	0.00426	0.192	0.0382	0.00000773	65.6	0.0000471	0.00522	0.000475	0.00166	0.0669	0.0000221	10.1	27.9	0.115	0.00308	4.55	0.0167	0.0446	0.000394	0.00092	0.000474	0.574	0.00000281	0.00319	0.00101	0.00205	
2095 Jan	357	0.0569	0.0118	0.000823	12.6	0.13	220	0.000806	0.000806	0.00000531	0.00919	0.00426	0.192	0.0382	0.00000774	65.7	0.0000472	0.00523	0.000475	0.00167	0.0669	0.0000221	10.1	28	0.116	0.00308	4.54	0.0168	0.0445	0.000394	0.000922	0.000475	0.575	0.00000281	0.0032	0.00101	0.00205	
2095 Feb	358	0.0569	0.0118	0.000823	12.6	0.13	221	0.000806	0.000806	0.00000531	0.00919	0.00427	0.192	0.0383	0.00000774	65.7	0.0000472	0.00523	0.000475	0.00167	0.0669	0.0000221	10.1	28	0.116	0.00309	4.54	0.0168	0.0445	0.000394	0.000923	0.000475	0.576	0.00000281	0.0032	0.00101	0.00205	
2095 Mar	358	0.0569	0.0118	0.000824	12.6	0.13	221	0.000806	0.000806	0.00000532	0.0092	0.00427	0.193	0.0383	0.00000775	65.8	0.0000472	0.00524	0.000476	0.00167	0.0669	0.0000222	10.1	28	0.116	0.00309	4.55	0.0168	0.0446	0.000394	0.000924	0.000476	0.576	0.00000281	0.0032	0.00101	0.00205	
2095 Apr	360	0.0572	0.0119	0.000827	12.7	0.131	222	0.00081	0.00081	0.00000534	0.00924	0.00429	0.193	0.0385	0.00000778	66.1	0.0000474	0.00526	0.000478	0.00168	0.0673	0.0000223	10.2	28.1	0.116	0.0031	4.57	0.0169	0.0448	0.000396	0.000928	0.000478	0.579	0.00000282	0.00322	0.00101	0.00206	
2095 May	347	0.0578	0.0124	0.000837	13.2	0.126	211	0.00082	0.00082	0.00000533	0.00912	0.00418	0.185	0.0387	0.00000765	64.6	0.0000462	0.00503	0.000488	0.00166	0.0699	0.0000217	9.79	27	0.116	0.00296	4.73	0.0161	0.0455	0.000426	0.000895	0.000462	0.56	0.00000279	0.00307	0.00103	0.00205	
2095 Jun	329	0.0589	0.0134	0.000886	13.9	0.118	197	0.000845	0.000845	0.00000537	0.00913	0.00402	0.172	0.0393	0.00000752	62.7	0.0000447	0.00471	0.000506	0.00164	0.0743	0.0000221	9.25	25.5	0.117	0.00276	5	0.0151	0.0469	0.000474	0.00085	0.000429	0.534	0.00000275	0.00285	0.00105	0.00206	
2095 Jul	348	0.0613	0.014	0.000907	14.6	0.125	209	0.000891	0.000891	0.00000566	0.00951	0.00426	0.182	0.0414	0.00000795	66.2	0.0000472	0.00499	0.000531	0.00173	0.0779	0.0000222	9.8	27	0.123	0.00293	5.23	0.016	0.0493	0.000494	0.000901	0.000465	0.565	0.00000291	0.00302	0.00112	0.00218	
2095 Aug	352	0.0594	0.0136	0.000899	14.2	0.127	212	0.000883	0.000883	0.00000565	0.00945	0.00428	0.185	0.0409	0.00000797	66.4	0.0000472	0.00506	0.000521	0.00173	0.076	0.0000223	9.91	27.3	0.122	0.00297	5.12	0.0163	0.0486	0.000475	0.000909	0.000469	0.57	0.00000291	0.00307	0.00109	0.00216	
2095 Sep	361	0.0586	0.0132	0.00089	14	0.131	220	0.000874	0.000874	0.00000565	0.00948	0.00437	0.192	0.0408	0.00000806	67.6	0.0000478	0.00523	0.000516	0.00174	0.0742	0.0000227	10.2	28.1	0.122	0.00307	5.02	0.0168	0.0479	0.000457	0.000931	0.000482	0.584	0.00000294	0.00318	0.00108	0.00216	
2095 Oct	372	0.0582	0.013	0.000878	13.7	0.135	228	0.000861	0.000861	0.00000563	0.00954	0.00447	0.199	0.041	0.00000814	69.1	0.0000489	0.00542	0.000516	0.00176	0.0731	0.0000231	10.5	29.1	0.124	0.00318	4.94	0.0174	0.0472	0.000446	0.000959	0.000496	0.601	0.00000296	0.0033	0.00108	0.00217	
2095 Nov	372	0.0583	0.0126	0.000863	13.4	0.135	229	0.000847	0.000847	0.00000556	0.00949	0.00445	0.199	0.0404	0.00000808	68.7	0.0000487	0.00543	0.000505	0.00174	0.0712	0.0000231	10.5	29.1	0.122	0.0032	4.83	0.0174	0.0465	0.000428	0.000957	0.000495	0.6	0.00000293	0.00331	0.00106	0.00214	
2095 Dec	372	0.0585	0.0125	0.000862	13.4	0.135	229	0.000845	0.000845	0.00000556	0.00948	0.00445	0.199	0.0403	0.00000807	68.6	0.0000486	0.00543	0.000503	0.00174	0.0709	0.0000223	10.5	29.1	0.122	0.0032	4.82	0.0174	0.0465	0.000425	0.000956	0.000495	0.599	0.00000293	0.00331	0.00105	0.00213	
2096 Jan	372	0.0585	0.0125	0.000861	13.4	0.136	229	0.000844	0.000844	0.00000556	0.00949	0.00446	0.2	0.0403	0.00000808	68.7	0.0000487	0.00544	0.000503	0.00174	0.0708	0.0000231	10.5	29.1	0.122	0.00321	4.81	0.0174	0.0464	0.000424	0.000958	0.000496	0.601	0.00000293	0.00332	0.00105	0.00213	
2096 Feb	373	0.0585	0.0125	0.000861	13.4	0.136	229	0.000845	0.000845	0.00000556	0.00949	0.00446	0.2	0.0403	0.00000808	68.8	0.0000487	0.00545	0.000504	0.00175	0.0709	0.0000231	10.5	29.2	0.122	0.00321	4.82	0.0174	0.0465	0.000425	0.000959	0.000496	0.601	0.00000293	0.00332	0.00106	0.00213	
2096 Mar	373	0.0585	0.0125	0.000862	13.4	0.136	230	0.000845	0.000845	0.00000556	0.0095	0.00446	0.2	0.0404	0.00000809	68.9	0.0000488	0.00545	0.000504	0.00175	0.0709	0.0000231	10.5	29.2	0.122	0.00321	4.82	0.0175	0.0465	0.000425	0.000959	0.000497	0.601	0.00000294	0.00333	0.00106	0.00213	
2096 Apr	375	0.0588	0.0126	0.000866	13.5	0.137	230	0.000849	0.000849	0.00000559	0.00954	0.00448	0.201	0.0406	0.00000812	69.1	0.000049	0.00547	0.000506	0.00175	0.0713	0.0000232	10.6	29.3	0.123	0.00322	4.84	0.0175	0.0467	0.000427	0.000963	0.000499	0.604	0.00000295	0.00334	0.00106	0.00214	
2096 May	383	0.0586	0.0128	0.000863	13.6	0.139	236	0.000847	0.000847	0.00000561	0.0096	0.00457	0.206	0.0413	0.00000821	70.6	0.0000499	0.00561	0.000518	0.00178	0.0723	0.0000235	10.8	30	0.126	0.00329	4.89	0.0179	0.0467	0.00044	0.000987	0.00051	0.618	0.00000297	0.00342	0.00109	0.00217	
2096 Jun	316	0.0478	0.0119	0.000817	12.1	0.114	191	0.000804	0.000804	0.00000513	0.00862	0.00383	0.167	0.0358	0.00000723	59	0.0000434	0.00456	0.000453	0.00152	0.0663	0.0000202	8.9	24.5	0.108	0.00266	4.38	0.0147	0.0433	0.000406	0.000833	0.000421	0.51	0.00000264	0.00277	0.000985	0.00203	
2096 Jul	320	0.0472	0.0119	0.000842	12	0.116	194	0.000829	0.000829	0.00000528	0.00884	0.00388	0.17	0.036	0.00000741	59.7	0.0000443	0.00464	0.000453	0.00154	0.0668	0.0000207	9.04	24.9	0.108	0.0027	4.4	0.0149	0.0443	0.000402	0.00085	0.000427	0.516	0.00000267	0.00282	0.000995	0.0021	
2096 Aug	342	0.0489	0.0123	0.000876	12.5	0.124	208	0.000862	0.000862	0.00000552	0.00928	0.00413	0.183	0.0378	0.00000782	63.4	0.000047	0.00497	0.000474	0.00163	0.0692	0.0000219	9.66	26.6	0.114	0.0029	4.56	0.016	0.046	0.000415	0.000907	0.000456	0.551	0.00000285	0.00302	0.00104	0.0022	
2096 Sep	345	0.0497	0.0118	0.00086	12.2	0.126	212	0.000847	0.000847	0.00000547	0.00926	0.00415	0.185	0.0373	0.00000779	63.5	0.000047	0.00504	0.000463	0.00162	0.067	0.0000222	9.76	26.9	0.112	0.00294	4.45	0.0162	0.0453	0.000391	0.000911	0.00046	0.555	0.00000284	0.00307	0.00101	0.00216	
2096 Oct	335	0.0517	0.0107	0.000827	11.6	0.123	206	0.000814	0.000814	0.00000527	0.00904	0.00401	0.181	0.0355	0.00000754	61.3	0.0000453	0.0049	0.000432	0.00157	0.0625	0.0000213	9.47	26.1	0.106	0.00289	4.22	0.0157	0.0439	0.000346	0.000875	0.000444	0.537	0.00000275	0.00299	0.000941	0.00205	
2096 Nov	334	0.0524	0.0106	0.000824	11.6	0.123	206	0.000812	0.000812	0.00000526	0.00904	0.004	0.18	0.0352	0.00000752	61.1	0.0000452	0.00488	0.000428	0.00157	0.062	0.0000212	9.44	26.1	0.105	0.00289	4.19	0.0157	0.0438	0.000339	0.000871	0.000443	0.535	0.00000274	0.00299	0.000931	0.00203	
2096 Dec	335	0.0524	0.0106	0.000824	11.6	0.124	206	0.000811	0.000811	0.00000526	0.00904	0.004	0.181	0.0353	0.00000753	61.2	0.0000452	0.0049	0.000428	0.00157	0.0619	0.0000213	9.46	26.1	0.105	0.00289	4.19	0.0157	0.0438	0.000339	0.000873	0.000444	0.536	0.00000274	0.00299	0.000931	0.00203	
2097 Jan	335	0.0523	0.0106	0.000824	11.6	0.124	207	0.000811	0.000811	0.00000526	0.00905	0.00401	0.181	0.0353	0.00000753	61.2	0.0000453	0.0049	0.000429	0.00157	0.0619	0.0000213	9.47	26.1	0.105	0.0029	4.19	0.0157	0.0438	0.000338	0.000874	0.000444	0.537	0.00000274	0.003	0.000932	0.00203	
2097 Feb	335	0.0523	0.0106	0.000824	11.6	0.124	207	0.000811	0.000811	0.00000526	0.00905	0.00401	0.181	0.0353	0.00000753	61

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
Active Closure (2037-2043): Min	50	0.0512	0.00902	0.001	11	0.0273	3.98	0.000922	0.000922	0.00000467	0.00695	0.00113	0.0102	0.018	0.00000485	16	0.0000181	0.000238	0.000181	0.000823	0.0475	0.00000977	1.18	1.99	0.0295	0.000275	4.03	0.00114	0.0441	0.000167	0.000149	0.000058	0.0803	0.00000194	0.0000656	0.000453	0.00166	
Active Closure (2037-2043): Mean	110	0.0875	0.212	0.00377	31.8	0.0393	20.4	0.000989	0.000989	0.000005	0.00747	0.00141	0.0307	0.0226	0.00000547	20.6	0.000022	0.000574	0.000264	0.000943	0.0614	0.0000115	2.46	4.11	0.0451	0.000878	17.7	0.00232	0.0496	0.000299	0.000257	0.000107	0.15	0.00000217	0.000553	0.000616	0.00179	
Active Closure (2037-2043): Max	131	0.109	0.301	0.005	40.4	0.0452	26.7	0.00107	0.00107	0.00000539	0.00811	0.0016	0.0391	0.0286	0.00000581	25.1	0.0000243	0.000686	0.000367	0.0011	0.0778	0.0000122	2.91	4.89	0.0619	0.00114	23.5	0.00273	0.056	0.000458	0.000298	0.000125	0.177	0.00000231	0.000742	0.000805	0.00191	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	72.2	0.0364	0.0152	0.00108	11.6	0.0339	19.1	0.000851	0.000851	0.00000431	0.00635	0.00114	0.0285	0.0157	0.0000048	15.1	0.0000186	0.000518	0.000155	0.000757	0.0427	0.00000965	2.25	3.43	0.0273	0.00082	4.32	0.00211	0.0408	0.000127	0.000204	0.0000911	0.125	0.0000019	0.000516	0.000435	0.0015	
Post Closure (2044-2099): Mean	92.7	0.0556	0.0455	0.00151	16.7	0.0429	26.6	0.000954	0.000954	0.00000484	0.00725	0.0015	0.0377	0.0246	0.00000549	22.7	0.0000223	0.000692	0.000298	0.000993	0.0629	0.0000113	2.95	4.9	0.0522	0.00112	6.9	0.00273	0.0473	0.000338	0.000276	0.000125	0.178	0.00000217	0.00073	0.000646	0.0017	
Post Closure (2044-2099): Max	120	0.0896	0.221	0.00391	32.6	0.0521	36.5	0.00107	0.00107	0.00000542	0.00817	0.00187	0.0498	0.0324	0.00000633	29.6	0.0000277	0.000936	0.000432	0.00121	0.0823	0.0000133	3.92	6.68	0.077	0.00147	18.2	0.00361	0.0539	0.000528	0.000374	0.00017	0.24	0.00000249	0.00101	0.00091	0.00202	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
2026 Jan	66.5	0.0663	0.0133	0.00113	15.2	0.0331	5.45	0.00113	0.00113	0.00000566	0.00808	0.00146	0.0112	0.0269	0.00000566	22.6	0.0000201	0.000316	0.000338	0.00108	0.0912	0.0000113	1.57	2.9	0.052	0.000323	5.49	0.00144	0.0539	0.000422	0.000171	0.0000827	0.116	0.00000226	0.0000778	0.000728	0.00184	
2026 Feb	66.5	0.0663	0.0133	0.00113	15.2	0.0331	5.45	0.00113	0.00113	0.00000566	0.00808	0.00146	0.0112	0.0269	0.00000566	22.6	0.0000201	0.000316	0.000338	0.00108	0.0912	0.0000113	1.57	2.9	0.052	0.000323	5.49	0.00144	0.0539	0.000422	0.000171	0.0000827	0.116	0.00000226	0.0000778	0.000728	0.00184	
2026 Mar	66.6	0.0663	0.0133	0.00113	15.2	0.0331	5.45	0.00113	0.00113	0.00000566	0.00809	0.00146	0.0112	0.0269	0.00000566	22.6	0.0000201	0.000316	0.000338	0.00108	0.0913	0.0000113	1.57	2.91	0.052	0.000323	5.5	0.00144	0.0539	0.000422	0.000171	0.0000827	0.116	0.00000226	0.0000779	0.000729	0.00184	
2026 Apr	66.7	0.0665	0.0133	0.00114	15.3	0.0332	5.46	0.00114	0.00114	0.00000568	0.00811	0.00147	0.0112	0.027	0.00000568	22.6	0.0000202	0.000317	0.000339	0.00108	0.0915	0.0000114	1.57	2.91	0.0521	0.000324	5.51	0.00144	0.0541	0.000423	0.000172	0.0000829	0.116	0.00000227	0.000078	0.00073	0.00184	
2026 May	67.4	0.0671	0.0135	0.00115	15.4	0.0335	5.52	0.00115	0.00115	0.00000573	0.00818	0.00148	0.0113	0.0273	0.00000573	22.9	0.0000204	0.00032	0.000342	0.00109	0.0924	0.0000115	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0546	0.000427	0.000173	0.0000838	0.117	0.00000229	0.0000788	0.000738	0.00186	
2026 Jun	61.6	0.0563	0.0124	0.0011	13.7	0.0302	4.88	0.0011	0.0011	0.00000548	0.00787	0.00136	0.0108	0.0245	0.00000548	20.6	0.0000204	0.000298	0.000305	0.000996	0.0829	0.0000111	1.45	2.64	0.0472	0.000279	5.01	0.00137	0.0521	0.000382	0.000182	0.0000769	0.105	0.00000219	0.0000724	0.000703	0.00187	
2026 Jul	61.5	0.0548	0.0124	0.00112	13.6	0.0305	4.84	0.00112	0.00112	0.0000056	0.00802	0.00137	0.011	0.0244	0.0000056	20.5	0.0000209	0.000299	0.0003	0.001	0.0825	0.0000112	1.46	2.62	0.0464	0.000276	4.99	0.00138	0.053	0.000374	0.000188	0.0000767	0.105	0.00000224	0.0000729	0.000704	0.00192	
2026 Aug	61.6	0.0544	0.0123	0.00113	13.6	0.0316	4.86	0.00113	0.00113	0.00000567	0.00804	0.00138	0.0112	0.0244	0.00000567	20.5	0.0000206	0.000297	0.000297	0.00101	0.0823	0.0000113	1.46	2.62	0.0456	0.000282	5.02	0.00138	0.0536	0.000368	0.000185	0.0000768	0.105	0.00000227	0.0000734	0.000689	0.00192	
2026 Sep	62.2	0.0555	0.0124	0.00115	13.8	0.0321	4.92	0.00115	0.00115	0.00000573	0.00813	0.00139	0.0113	0.0245	0.00000573	20.6	0.0000207	0.000299	0.000297	0.00102	0.0827	0.0000115	1.47	2.63	0.0456	0.000289	5.07	0.0014	0.0542	0.000367	0.000185	0.0000773	0.105	0.00000229	0.0000744	0.000689	0.00193	
2026 Oct	61.5	0.0568	0.0121	0.00114	13.7	0.0323	4.9	0.00114	0.00114	0.00000568	0.00809	0.00138	0.0113	0.0242	0.00000568	20.4	0.0000204	0.000295	0.000291	0.00101	0.0812	0.0000114	1.46	2.6	0.0444	0.000295	5.02	0.00138	0.054	0.000355	0.000179	0.0000758	0.104	0.00000227	0.0000743	0.000672	0.0019	
2026 Nov	61.6	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.00000569	0.00811	0.00138	0.0113	0.0242	0.00000569	20.4	0.0000205	0.000295	0.000292	0.00102	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0541	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	
2026 Dec	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00811	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000295	0.000292	0.00102	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0542	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	
2027 Jan	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00811	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000295	0.000292	0.00102	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0542	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	
2027 Feb	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00811	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000295	0.000292	0.00102	0.0814	0.0000114	1.46	2.6	0.0445	0.000296	5.03	0.00138	0.0542	0.000356	0.000179	0.000076	0.104	0.00000228	0.0000745	0.000673	0.0019	
2027 Mar	61.7	0.057	0.0121	0.00114	13.7	0.0324	4.91	0.00114	0.00114	0.0000057	0.00812	0.00138	0.0113	0.0243	0.0000057	20.4	0.0000205	0.000296	0.000292	0.00102	0.0815	0.0000114	1.46	2.6	0.0445	0.000297	5.04	0.00138	0.0542	0.000356	0.00018	0.0000761	0.104	0.00000228	0.0000745	0.000674	0.0019	
2027 Apr	61.9	0.0572	0.0122	0.00114	13.8	0.0326	4.93	0.00114	0.00114	0.00000572	0.00815	0.00139	0.0114	0.0244	0.00000572	20.5	0.0000205	0.000297	0.000293	0.00102	0.0818	0.0000114	1.47	2.61	0.0447	0.000298	5.05	0.00139	0.0544	0.000357	0.00018	0.0000764	0.105	0.00000229	0.0000748	0.000676	0.00191	
2027 May	62.8	0.058	0.0123	0.00116	14	0.0329	5	0.00116	0.00116	0.00000579	0.00825	0.00141	0.0115	0.0247	0.00000579	20.8	0.0000208	0.000301	0.000298	0.00104	0.0829	0.0000116	1.49	2.65	0.0454	0.000301	5.12	0.0014	0.0551	0.000363	0.000183	0.0000777	0.106	0.00000232	0.0000758	0.000686	0.00194	
2027 Jun	56.9	0.0483	0.0112	0.0011	12.3	0.0297	4.38	0.0011	0.0011	0.0000055	0.00789	0.00128	0.0109	0.022	0.0000055	18.5	0.0000206	0.000278	0.00026	0.000937	0.074	0.0000111	1.35	2.35	0.0398	0.000257	4.57	0.00131	0.052	0.000316	0.000187	0.0000702	0.0944	0.0000022	0.0000694	0.000645	0.00192	
2027 Jul	54.9	0.044	0.0108	0.0011	11.6	0.0291	4.14	0.0011	0.0011	0.0000055	0.00792	0.00125	0.0109	0.0209	0.0000055	17.7	0.0000209	0.00027	0.000243	0.000909	0.0709	0.0000111	1.31	2.23	0.0371	0.000242	4.38	0.00128	0.0519	0.000293	0.000193	0.0000676	0.0898	0.00000221	0.0000679	0.00063	0.00196	
2027 Aug	56.6	0.0453	0.0111	0.00114	12	0.0304	4.28	0.00114	0.00114	0.00000557	0.00814	0.00129	0.0113	0.0215	0.0000057	18.2	0.0000214	0.000278	0.000249	0.00094	0.0728	0.0000114	1.35	2.3	0.0379	0.000253	4.52	0.00132	0.0535	0.000299	0.000197	0.0000697	0.0925	0.00000228	0.0000701	0.000642	0.00201	
2027 Sep	56.2	0.0469	0.0109	0.00113	12	0.031	4.29	0.00113	0.00113	0.00000567	0.00811	0.00128	0.0113	0.0213	0.00000567	18.1	0.0000209	0.000274	0.000243	0.000937	0.0715	0.0000113	1.34	2.27	0.0367	0.000264	4.5	0.00131	0.0534	0.000287	0.00019	0.0000687	0.0916	0.00000227	0.0000703	0.000621	0.00197	
2027 Oct	55.7	0.0487	0.0106	0.00112	12	0.0312	4.3	0.00112	0.00112	0.00000562	0.00807	0.00127	0.0113	0.021	0.00000562	17.9	0.0000206	0.000271	0.000238	0.000934	0.0704	0.0000112	1.32	2.24	0.0356	0.000272	4.47	0.00129	0.0532	0.000277	0.000183	0.0000674	0.0905	0.00000225	0.0000704	0.000604	0.00193	
2027 Nov	55.6	0.0494	0.0106	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000206	0.00027	0.000237	0.000934	0.0701	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000274	0.000181	0.0000667	0.0903	0.00000224	0.0000706	0.000599	0.00192	
2027 Dec	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000206	0.00027	0.000237	0.000934	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000273	0.000181	0.0000667	0.0903	0.00000224	0.0000706	0.000598	0.00192	
2028 Jan	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000273	0.000181	0.0000667	0.0903	0.00000224	0.0000706	0.000598	0.00192	
2028 Feb	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000274	0.000181	0.0000667	0.0903	0.00000224	0.0000706	0.000598	0.00192	
2028 Mar	55.6	0.0495	0.0105	0.00112	12	0.0314	4.31	0.00112	0.00112	0.00000561	0.00808	0.00127	0.0113	0.021	0.00000561	17.9	0.0000205	0.00027	0.000237	0.000934	0.07	0.0000112	1.32	2.24	0.0353	0.000276	4.47	0.00129	0.0533	0.000274	0.000181	0.0000667	0.0903	0.00000224	0.0000706	0.000599	0.00192	
2028 Apr	55.8	0.0496	0.0106	0.00112	12	0.0315	4.32	0.00112	0.00112	0.00000562	0.00809	0.00127	0.0113	0.021	0.00000562	17.9	0.0000206	0.00027	0.000237	0.000936	0.0702	0.0000112	1.32	2.24	0.0353	0.000277	4.48	0.00129	0.0534	0.000274	0.000182	0.0000672	0.0905	0.00000225	0.0000708	0.0006	0.00193	
2028 May	56.3	0.0501	0.0107	0.00113	12.1	0.0317	4.35	0.00113	0.00113	0.00000567	0.00817	0.00128	0.0114	0.0212	0.00000567	18.1	0.0000208	0.000273	0.00024	0.000945	0.0708	0.0000113	1.34	2.26	0.0357	0.000279	4.52	0.0013	0.0539	0.000277	0.000183	0.0000678	0.0913	0.00000227	0.0000714	0.000605	0.00194	
2028 Jun	52.3	0.0431	0.00994	0.0011	11	0.0295	3.93	0.0011	0.0011	0.00000549	0.00794	0.0012	0.011	0.0194	0.00000549	16.5	0.0000208	0.000257	0.000214	0.000878	0.0653	0.0000111	1.25	2.06	0.032	0.000247	4.14	0.00124	0.0518	0.000246	0.000188	0.00006	0.0833	0.0000022	0.0000671	0.000581	0.00194	
2028 Jul	50.9	0.0396	0.00968	0.0011	10.5	0.0289	3.75	0.0011	0.0011	0.00000549	0.00794	0.00117	0.011	0.0186	0.00000549	15.9	0.000021	0.000252	0.000203	0.000857	0.0632	0.0000111	1.22	1.98	0.0303	0.000234	4	0.00122	0.0515	0.000232	0.000193	0.0000613	0.0802	0.0000022	0.0000658	0.000573	0.00197	
2028 Aug	53.3	0.0415	0.0101	0.00115	11	0.0304	3.94	0.00115	0.00115	0.00000576	0.00831	0.00123	0.0116	0.0195	0.00000576	16.7	0.0000219	0.000264	0.000212	0.000899	0.0661	0.0000115	1.27	2.07	0.0316	0.000246	4.2	0.00128	0.054	0.000241	0.000201	0.0000642	0.084	0.0000023	0.000069	0.000597	0.00206	
2028 Sep	53.8	0.0434	0.0101	0.00116	11.2	0.0311	4	0.00116	0.00116	0.00000581	0.0084	0.00124	0.0117	0.0197	0.00000581	16.8	0.000022	0.000266	0.000213	0.000911	0.0664	0.0000116	1.29	2.09	0.0314	0.000257	4.25	0.00129	0.0546	0.000239	0.000199	0.0000644	0.0847	0.00000232	0.0000701	0.000594	0.00206	
2028 Oct	52.3	0.0475	0.0095	0.00112	11.1	0.0314	3.99	0.00112	0.00112	0.00000561	0.00821	0.0012	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000202	0.000895	0.0634	0.0000112	1.24	2.02	0.0291	0.000275	4.15	0.00124	0.0536	0.000217	0.000182	0.0000611	0.082	0.00000224	0.0000697	0.00055	0.00194	
2028 Nov	52.4	0.0485	0.00945	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.0012	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00123	0.0537	0.000214	0.000179	0.0000609	0.082	0.00000224	0.00007	0.000546	0.00193	
2028 Dec	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000224	0.0000701	0.000546	0.00194	
2029 Jan	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000224	0.0000701	0.000546	0.00194	
2029 Feb	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000898	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000224	0.0000701	0.000546	0.00194	
2029 Mar	52.4	0.0485	0.00946	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000561	0.00823	0.00121	0.0114	0.019	0.00000561	16.4	0.0000209	0.000254	0.000201	0.000899	0.0633	0.0000112	1.24	2.02	0.0288	0.00028	4.16	0.00124	0.0537	0.000215	0.00018	0.0000609	0.082	0.00000225	0.0000701	0.000546	0.00194	
2029 Apr	52.5	0.0485	0.00947	0.00112	11.1	0.0317	4.02	0.00112	0.00112	0.00000562	0.00824	0.00121	0.0115	0.0191	0.00000562	16.4	0.0000209	0.000254	0.000201	0.000899	0.0633	0.0000112	1.25	2.02	0.0289	0.00028	4.16	0.00124	0.0538	0.000215	0.00018	0.000061	0.0821	0.00000225	0.0000701	0.000547	0.00194	
2029 May	52.8	0.0488	0.00952	0.00113	11.2	0.0319	4.05	0.00113	0.00113	0.00000565	0.00829	0.00121	0.0115	0.0192	0.00000565	16.5	0.00002	0.000256	0.000202	0.000905	0.0637	0.0000113	1.25	2.04	0.029	0.000282	4.19	0.00124	0.0541	0.000216	0.000181	0.0000613	0.0826	0.00000226	0.0000706	0.00055	0.00195	
2029 Jun	52	0.0461	0.00945	0.00113	10.9	0.0311	3.92	0.00113	0.00113	0.00000564	0.00827	0.0012	0.0115	0.0188	0.00000564	16.2	0.0000213	0.000254	0.000198	0.000888	0.0626	0.0000113	1.24	1.99	0.0285	0.000268	4.1	0.00124	0.0538	0.000212	0.000187	0.0000606	0.0809	0.00000226	0.0000694	0.000554	0.00198	
2029 Jul	46	0.0356	0.00842	0.00105	9.34	0.0281	3.36	0.00105	0.00105	0.00000527	0.00765	0.00108	0.0106	0.0164	0.00000527	14.1	0.00002	0.000227	0.000167	0.000797	0.0555	0.0000105	1.1	1.73	0.024	0.000222	3.6	0.00113	0.0497	0.000178	0.000182	0.0000541	0.0703	0.00000211	0.0000621	0.000502	0.00189	
2029 Aug	47	0.036	0.00855	0.00108	9.58	0.0294	3.46	0.00108	0.00108	0.00000542	0.00777	0.00112	0.0108	0.0168	0.00000542	14.4	0.00002	0.00023	0.000169	0.000822	0.0566	0.0000108	1.13	1.77	0.0242	0.000231	3.7	0.00116	0.0509	0.000179	0.000182	0.0000554	0.072	0.00000217	0.0000636	0.0005	0.00192	
2029 Sep	47.6	0.0376	0.00859	0.0011	9.77	0.0301	3.53	0.0011	0.0011	0.00000548	0.00786	0.00113	0.011	0.017	0.00000548	14.6	0.0000201	0.000232	0.00017	0.000834	0.057	0.0000111	1.15	1.79	0.0242	0.00024	3.76	0.00117	0.0516	0.000178	0.000181	0.0000559	0.0729	0.00000219	0.0000647	0.000499	0.00192	
2029 Oct	47.5	0.0398	0.00843	0.00109	9.82	0.0305	3.56	0.00109	0.00109	0.00000543	0.00784	0.00112	0.011	0.0169	0.00000543	14.6	0.0000198	0.00023	0

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2032 Jun	49.7	0.042	0.00923	0.00107	10.4	0.0291	3.74	0.00107	0.00107	0.00000535	0.00778	0.00115	0.0108	0.0182	0.00000535	15.5	0.0000202	0.000243	0.000195	0.000847	0.0578	0.0000107	1.18	1.93	0.0286	0.000245	3.93	0.00118	0.052	0.000216	0.00018	0.0000589	0.0781	0.00000214	0.0000653	0.00054	0.00188	
2032 Jul	44.5	0.0339	0.00827	0.001	9.08	0.0266	3.26	0.001	0.001	0.00000501	0.00722	0.00105	0.00999	0.016	0.00000501	13.7	0.0000189	0.000219	0.000168	0.000767	0.052	0.00001	1.07	1.7	0.0244	0.000209	3.5	0.00109	0.0481	0.000185	0.000174	0.0000529	0.0689	0.000002	0.0000592	0.00049	0.00179	
2032 Aug	44.9	0.0341	0.00825	0.00102	9.22	0.0277	3.32	0.00102	0.00102	0.00000508	0.00723	0.00106	0.0101	0.0162	0.00000508	13.9	0.0000185	0.000219	0.000167	0.000781	0.0522	0.0000102	1.08	1.71	0.0241	0.000218	3.55	0.0011	0.0485	0.000181	0.00017	0.0000535	0.0695	0.00000203	0.0000598	0.000477	0.00179	
2032 Sep	45.5	0.0352	0.00832	0.00103	9.41	0.0285	3.39	0.00103	0.00103	0.00000515	0.00732	0.00108	0.0103	0.0164	0.00000515	14.1	0.0000185	0.000222	0.000168	0.000793	0.0527	0.0000103	1.1	1.73	0.0241	0.000227	3.61	0.00111	0.0492	0.00018	0.000169	0.0000541	0.0705	0.00000206	0.0000609	0.000476	0.0018	
2032 Oct	45.8	0.0362	0.00833	0.00104	9.5	0.0288	3.42	0.00104	0.00104	0.00000518	0.00737	0.00108	0.0104	0.0165	0.00000518	14.2	0.0000186	0.000223	0.000168	0.000799	0.0529	0.0000104	1.1	1.74	0.0241	0.000232	3.64	0.00111	0.0495	0.000179	0.000168	0.0000543	0.0709	0.00000207	0.0000615	0.000476	0.0018	
2032 Nov	45.9	0.0367	0.00831	0.00104	9.52	0.0289	3.44	0.00104	0.00104	0.00000518	0.00738	0.00108	0.0104	0.0165	0.00000518	14.2	0.0000186	0.000223	0.000168	0.0008	0.0529	0.0000104	1.1	1.74	0.024	0.000234	3.64	0.00111	0.0496	0.000178	0.000167	0.0000542	0.0709	0.00000207	0.0000616	0.000474	0.0018	
2032 Dec	45.8	0.0371	0.00826	0.00103	9.52	0.0289	3.44	0.00103	0.00103	0.00000516	0.00736	0.00108	0.0104	0.0165	0.00000516	14.2	0.0000185	0.000222	0.000167	0.000799	0.0527	0.0000103	1.1	1.74	0.0238	0.000236	3.64	0.00111	0.0495	0.000177	0.000166	0.000054	0.0708	0.00000206	0.0000616	0.000471	0.00179	
2033 Jan	45.8	0.0371	0.00826	0.00103	9.52	0.0289	3.44	0.00103	0.00103	0.00000516	0.00736	0.00108	0.0104	0.0165	0.00000516	14.2	0.0000185	0.000222	0.000167	0.000799	0.0527	0.0000103	1.1	1.74	0.0238	0.000236	3.64	0.00111	0.0495	0.000177	0.000166	0.000054	0.0708	0.00000206	0.0000616	0.000471	0.00179	
2033 Feb	45.8	0.0371	0.00826	0.00103	9.52	0.0289	3.44	0.00103	0.00103	0.00000516	0.00736	0.00108	0.0104	0.0165	0.00000516	14.2	0.0000185	0.000222	0.000167	0.0008	0.0527	0.0000103	1.1	1.74	0.0238	0.000236	3.64	0.00111	0.0495	0.000177	0.000166	0.000054	0.0708	0.00000206	0.0000616	0.000471	0.00179	
2033 Mar	45.8	0.0372	0.00827	0.00103	9.53	0.029	3.44	0.00103	0.00103	0.00000517	0.00737	0.00108	0.0104	0.0165	0.00000517	14.2	0.0000185	0.000222	0.000168	0.0008	0.0527	0.0000103	1.1	1.74	0.0239	0.000236	3.64	0.00111	0.0496	0.000177	0.000166	0.000054	0.0708	0.00000207	0.0000617	0.000471	0.00179	
2033 Apr	46	0.0373	0.00831	0.00104	9.57	0.0291	3.46	0.00104	0.00104	0.00000519	0.0074	0.00109	0.0105	0.0166	0.00000519	14.2	0.0000186	0.000223	0.000168	0.000804	0.053	0.0000104	1.11	1.74	0.024	0.000237	3.66	0.00112	0.0498	0.000178	0.000167	0.0000542	0.0711	0.00000208	0.000062	0.000473	0.0018	
2033 May	50.2	0.0404	0.00965	0.00104	10.7	0.0285	3.82	0.00104	0.00104	0.00000502	0.00738	0.00116	0.0103	0.0189	0.0000052	16	0.0000019	0.000245	0.000212	0.000849	0.0589	0.0000104	1.2	2.01	0.0318	0.000235	4.03	0.00118	0.0508	0.000248	0.000174	0.0000613	0.0813	0.00000208	0.0000635	0.00055	0.00181	
2033 Jun	53.1	0.0409	0.0111	0.000983	11.5	0.0252	4.05	0.000983	0.000983	0.00000491	0.00693	0.00119	0.00954	0.0211	0.00000491	17.6	0.0000187	0.000262	0.000263	0.000854	0.0638	0.00000983	1.26	2.27	0.0413	0.000209	4.28	0.00121	0.049	0.000337	0.000178	0.0000679	0.0905	0.00000197	0.0000614	0.000637	0.00175	
2033 Jul	53.6	0.0406	0.0111	0.00101	11.6	0.0259	4.08	0.00101	0.00101	0.00000504	0.00708	0.00121	0.00976	0.0212	0.00000504	17.7	0.000019	0.000265	0.000263	0.000868	0.0645	0.00001	1.28	2.28	0.0413	0.000211	4.32	0.00123	0.0501	0.000336	0.000182	0.0000686	0.0912	0.00000201	0.0000624	0.000642	0.00179	
2033 Aug	55.5	0.0419	0.0115	0.00105	12	0.0271	4.23	0.00105	0.00105	0.00000523	0.00733	0.00125	0.0101	0.0219	0.00000523	18.3	0.0000196	0.000273	0.00027	0.000902	0.0667	0.0000105	1.32	2.36	0.0424	0.00022	4.48	0.00128	0.0519	0.000345	0.000187	0.0000709	0.0942	0.00000209	0.0000647	0.000658	0.00185	
2033 Sep	54.7	0.0444	0.011	0.00103	11.9	0.0278	4.22	0.00103	0.00103	0.00000517	0.00729	0.00124	0.0101	0.0215	0.00000517	18	0.000019	0.000266	0.00026	0.000896	0.0649	0.0000103	1.3	2.3	0.0403	0.000236	4.43	0.00125	0.0516	0.000325	0.000176	0.0000688	0.0922	0.00000207	0.0000665	0.000626	0.00179	
2033 Oct	52	0.0507	0.00988	0.000989	11.5	0.0287	4.16	0.000989	0.000989	0.00000494	0.00714	0.00117	0.00991	0.0201	0.00000494	17	0.0000178	0.000248	0.000234	0.000871	0.0602	0.00000989	1.23	2.15	0.035	0.000268	4.23	0.00117	0.0502	0.000275	0.000151	0.0000626	0.0864	0.00000198	0.000065	0.00055	0.00164	
2033 Nov	52	0.0519	0.00977	0.000988	11.6	0.0291	4.18	0.000988	0.000988	0.00000494	0.00716	0.00117	0.00994	0.02	0.00000494	17	0.0000177	0.000247	0.000232	0.000873	0.0599	0.00000988	1.23	2.14	0.0344	0.000274	4.23	0.00116	0.0503	0.00027	0.000148	0.0000621	0.0861	0.00000198	0.0000654	0.000542	0.00163	
2033 Dec	52	0.052	0.00978	0.000989	11.6	0.0291	4.18	0.000989	0.000989	0.00000494	0.00716	0.00117	0.00995	0.02	0.00000494	17	0.0000177	0.000247	0.000232	0.000873	0.0599	0.00000989	1.23	2.14	0.0344	0.000274	4.23	0.00117	0.0503	0.00027	0.000148	0.0000621	0.0861	0.00000198	0.0000654	0.000542	0.00163	
2034 Jan	52	0.052	0.00978	0.000989	11.6	0.0291	4.18	0.000989	0.000989	0.00000494	0.00716	0.00117	0.00995	0.02	0.00000494	17	0.0000177	0.000247	0.000232	0.000873	0.0599	0.00000989	1.23	2.14	0.0344	0.000274	4.23	0.00117	0.0503	0.00027	0.000148	0.0000621	0.0861	0.00000198	0.0000654	0.000542	0.00163	
2034 Feb	52	0.052	0.00978	0.000989	11.6	0.0291	4.18	0.000989	0.000989	0.00000494	0.00716	0.00117	0.00995	0.02	0.00000494	17	0.0000177	0.000247	0.000232	0.000873	0.0599	0.00000989	1.23	2.15	0.0344	0.000274	4.23	0.00117	0.0503	0.00027	0.000148	0.0000621	0.0861	0.00000198	0.0000654	0.000542	0.00163	
2034 Mar	52	0.052	0.00978	0.000989	11.6	0.0291	4.18	0.000989	0.000989	0.00000494	0.00716	0.00117	0.00995	0.02	0.00000494	17	0.0000177	0.000247	0.000232	0.000873	0.0599	0.00000989	1.23	2.15	0.0345	0.000274	4.24	0.00117	0.0503	0.00027	0.000148	0.0000621	0.0861	0.00000198	0.0000654	0.000542	0.00163	
2034 Apr	52.2	0.0522	0.00981	0.000992	11.6	0.0292	4.2	0.000992	0.000992	0.00000496	0.00719	0.00117	0.00998	0.0201	0.00000496	17.1	0.0000178	0.000248	0.000233	0.000876	0.0601	0.00000992	1.23	2.15	0.0346	0.000275	4.25	0.00117	0.0505	0.000271	0.000149	0.0000624	0.0864	0.00000198	0.0000657	0.000544	0.00163	
2034 May	53.9	0.0533	0.0103	0.00101	12	0.0293	4.34	0.00101	0.00101	0.00000503	0.00727	0.00121	0.0101	0.021	0.00000503	17.8	0.0000181	0.000257	0.000248	0.000898	0.0625	0.0000101	1.27	2.25	0.0372	0.000276	4.4	0.0012	0.0514	0.000294	0.000153	0.0000651	0.0902	0.00000201	0.0000668	0.000573	0.00166	
2034 Jun	57.7	0.0525	0.0119	0.000986	12.9	0.0268	4.59	0.000986	0.000986	0.00000493	0.00705	0.00127	0.00963	0.0234	0.00000493	19.5	0.0000185	0.000279	0.000299	0.000921	0.0686	0.00000986	1.36	2.53	0.0468	0.00025	4.71	0.00126	0.0511	0.000382	0.000166	0.0000729	0.1	0.00000197	0.000066	0.000673	0.00168	
2034 Jul	56.8	0.0504	0.0117	0.000996	12.7	0.0272	4.51	0.000996	0.000996	0.00000498	0.00707	0.00126	0.00968	0.0229	0.00000498	19.1	0.0000184	0.000274	0.000289	0.000918	0.0678	0.00000996	1.34	2.47	0.0452	0.000246	4.65	0.00126	0.0512	0.000369	0.000167	0.0000718	0.0984	0.00000199	0.0000657	0.000657	0.00169	
2034 Aug	59.5	0.0527	0.0122	0.00105	13.3	0.0287	4.72	0.00105	0.00105	0.00000523	0.0074	0.00132	0.0102	0.024	0.00000523	20	0.0000192	0.000287	0.000302	0.000963	0.0709	0.0000105	1.41	2.58	0.047	0.000259	4.87	0.00132	0.0537	0.000384	0.000174	0.0000751	0.103	0.00000209	0.0000688	0.000683	0.00177	
2034 Sep	58.5	0.0553	0.0117	0.00104	13.1	0.0294	4.7	0.00104	0.00104	0.00000518	0.00739	0.0013	0.0102	0.0234	0.00000518	19.6	0.0000188	0.00028	0.00029	0.000956	0.0689	0.0000104	1.38	2.52	0.0446	0.000275	4.8	0.00129	0.0534	0.000361	0.000164	0.0000727	0.1	0.00000207	0.0000692	0.00065	0.00172	
2034 Oct	56.1	0.059	0.0107	0.001	12.7	0.03	4.6	0.001	0.001	0.00000501	0.00728	0.00124	0.01	0.0221	0.00000501	18.7	0.0000178	0.000264	0.000266	0.000931	0.0648	0.00001	1.32	2.38	0.04	0.000295	4.61	0.00122	0.0522	0.000318	0.000146	0.0000674	0.0951	0.000002	0.0000688	0.000589	0.00161	
2034 Nov	56.1	0.0594	0.0107	0.001	12.8	0.0301	4.62	0.001	0.001	0.00000502	0.0073	0.00124	0.01	0.0221	0.00000502	18.7	0.0000179	0.000264	0.000266	0.000933	0.0648	0.00001	1.32	2.38	0.0398	0.000298	4.61	0.00123	0.0523	0.000317	0.000145	0.0000674	0.0951	0.00000201	0.0000691	0.000587	0.00161	
2034 Dec	56.2	0.0595	0.0107	0.001	12.8	0.0302	4.62	0.001	0.001	0.00000502	0.0073	0.00124	0.01	0.0221	0.00000502	18.7	0.0000179	0.000264	0.000266	0.000933	0.0649	0.00001	1.32	2.38	0.0399	0.000298	4.62	0.00123	0.0523	0.000317	0.000145	0.0000674	0.0951	0.00000201	0.0000691	0.000587	0.00161	
2035 Jan	56.2	0.0595	0.0107	0.001	12.8	0.0302	4.62	0.001	0.001	0.00000502	0.0073	0.00124	0.01	0.0221	0.00000502	18.7	0.0000179	0.000264	0.000266	0.000933	0.0649	0.00001	1.32	2.38	0.0399	0.000298	4.62	0.00123	0.0523	0.000317	0.000145	0.0000674	0.0951	0.00000201	0.0000691	0.000587	0.00161	
2035 Feb	56.2	0.0595	0.0107	0.001	12.8	0.0302	4.62	0.001	0.001	0.00000502	0.0073	0.00124	0.01	0.0221	0.00000502	18.7	0.0000179	0.000264	0.000266	0.000933	0.0649	0.00001	1.32	2.38	0.0399	0.000298	4.62	0.00123	0.0523	0.000317	0.000145	0.0000674	0.0952	0.00000201	0.0000691	0.000587	0.00161	
2035 Mar	56.2	0.0595	0.0107	0.001	12.8	0.0302	4.62	0.001	0.001	0.00000502	0.0073	0.00124	0.01	0.0222	0.00000502	18.7	0.0000179	0.000264	0.000266	0.000933	0.0649	0.00001	1.32	2.38	0.0399	0.000298	4.62	0.00123	0.0524	0.000317	0.000145	0.0000674	0.0952	0.00000201	0.0000691	0.000588	0.00161	
2035 Apr	56.3	0.0597	0.0107	0.00101	12.8	0.0303	4.63	0.00101	0.00101	0.00000504	0.00733	0.00125	0.0101	0.0222	0.00000504	18.8	0.0000179	0.000265	0.000267	0.000936	0.0651	0.00001001	1.32	2.39	0.04	0.000299	4.63	0.00123	0.0525	0.000318	0.000146	0.0000676	0.0955	0.00000201	0.0000693	0.000589	0.00162	
2035 May	57.4	0.0606	0.011	0.00102	13.1	0.0306	4.72	0.00102	0.00102	0.00000511	0.00743	0.00127	0.0102	0.0227	0.00000511	19.2	0.0000182	0.00027	0.000274	0.000953	0.0664	0.00001002	1.35	2.44	0.0411	0.000302	4.72	0.00125	0.0533	0.000327	0.000148	0.0000691	0.0975	0.00000204	0.0000704	0.000603	0.00164	
2035 Jun	54.7	0.0508	0.011	0.0045	12.2	0.0267	4.33	0.000976	0.000976	0.00000488	0.00707	0.00121	0.00961	0.0218	0.00000488	18.3	0.0000185	0.000265	0.000267	0.000896	0.0645	0.00000976	1.29	2.35	0.0418	0.000248	4.44	0.00121	0.0503	0.000338	0.000164	0.0000679	0.0935	0.00000195	0.0000647	0.000629	0.00167	
2035 Jul	53.9	0.0481	0.0108	0.00099	11.8	0.0266	4.21	0.00099	0.00099	0.00000495	0.00717	0.0012	0.00974	0.0212	0.00000495	17.8	0.0000189	0.000262	0.00026	0.000876	0.0634	0.00000099	1.27	2.28	0.0402	0.00024	4.35	0.00121	0.0505	0.000323	0.00017	0.0000668	0.0911	0.00000198	0.0000643	0.000623	0.00172	
2035 Aug	55.1	0.0493	0.011	0.00102	12.1	0.0279	4.32	0.00102	0.00102	0.00000501	0.00733	0.00123	0.0101	0.0216	0.0000051	18.2	0.0000191	0.000268	0.000263	0.0009	0.0646	0.00000102	1.3	2.33	0.0405	0.000251	4.46	0.00124	0.0518	0.000325	0.000171	0.0000683	0.0931	0.00000204	0.0000661	0.000626	0.00175	
2035 Sep	53.6	0.0517	0.0103	0.000999	11.9	0.0287	4.27	0.000999	0.000999	0.00000499	0.00721	0.0012	0.0101	0.0208	0.00000499	17.6	0.0000181	0.000257	0.000247	0.000884	0.0617	0.00000999	1.26	2.23	0.0372	0.00027	4.35	0.0012	0.0508	0.000294	0.000155	0.0000651	0.0896	0.000002	0.0000658	0.000576	0.00167	
2035 Oct	52.8	0.0546	0.00991	0.000987	11.8	0.0293	4.27	0.000987	0.000987	0.00000494	0.0072	0.00118	0.01	0.0204	0.00000494	17.3	0.0000177	0.000251	0.000237	0.00088	0.0601	0.00000987	1.24	2.18	0.0352	0.000285	4.3	0.00117	0.0506	0.000275	0.000146	0.0000629	0.0877	0.00000197	0.0000663	0.000548	0.00162	
2035 Nov	52.1	0.0559	0.0096	0.000975	11.7	0.0295	4.25	0.000975	0.000975	0.00000487	0.00715	0.00116	0.00997	0.02	0.00000487	17.1	0.0000174	0.000246	0.00023	0.000872	0.0589	0.00000975	1.22	2.14	0.0338	0.000291	4.25	0.00115	0.0502	0.000262	0.000139	0.0000613	0.0861	0.00000195	0.0000662	0.000528	0.00158	
2035 Dec	52.1	0.056	0.00961	0.000975	11.7	0.0295	4.25	0.000975	0.000975	0.00000488	0.00716	0.00116	0.00997	0.02	0.00000488	17.1	0.0000174	0.000246	0.00023	0.000872	0.0589	0.00000975	1.22	2.14	0.0338	0.000292	4.25	0.00115	0.0502	0.000262	0.000139	0.0000613	0.0861	0.00000195	0.0000662	0.000529	0.00158	
2036 Jan	52.1	0.056	0.00961	0.000975	11.7	0.0295	4.25	0.000975	0.000975	0.00000488	0.00716	0.00116	0.00997	0.02	0.00000488	17.1	0.0000174	0.000246	0.00023	0.000872	0.0589	0.00000975	1.22	2.14	0.0338	0.000292	4.25	0.00115	0.0502	0.000262	0.000139	0.0000613	0.0861	0.00000195	0.0000662	0.000529	0.00158	
2036 Feb	52.1	0.056	0.00961	0.000975	11.7	0.0295	4.25	0.000975	0.000975	0.00000488	0.00716	0.00116	0.00997	0.02	0.00000488	17.1	0.0000174	0.000246	0.00023	0.000872	0.0589	0.00000975	1.22	2.14	0.0338	0.000292	4.25	0.00115	0.0502	0.000262	0.000139	0.0000613	0.0861	0.00000195	0.0000662	0.000529	0.00158	
2036 Mar	52.1	0.056	0.00961	0.000975	11.7	0.0295	4.25	0.000975	0.000975	0.00000488	0.00716	0.00116	0.00997	0.02	0.00000488	17.1	0.0000174	0.000246	0.00023	0.000872	0.0589	0.00000975	1.22	2.14	0.0339	0.000292	4.25	0.00115	0.0502	0.000262	0.000139	0.0000613	0.0861	0.00000195	0.0000662	0.000529	0.00158	
2036 Apr	52.3	0.0562	0.00966	0.000979	11.8	0.0296	4.27	0.000979	0.000979	0.00000489	0.00718	0.00116	0.01	0.0201	0.00000489	17.1	0.0000175	0.000247	0.000232	0.000876	0.0592	0.00000979	1.23	2.15	0.0341	0.000293	4.27	0.00116	0.0504	0.000263	0.00014	0.0000616	0.0865	0.00000196	0.0000665	0.000531	0.00158	
2036 May	53.3	0.0572	0.00985	0.000994	12	0.03	4.35	0.000994	0.000994	0.00000497	0.00729	0.00119	0.0102	0.0205	0.00000497	17.5	0.0000178	0.000252	0.000237	0.000892	0.0603	0.00000994	1.25	2.2	0.0349	0.000297	4.35	0.00118	0.0513	0.000269	0.000142	0.0000627	0.0882	0.00000199	0.0000675	0.000542	0.00161	
2036 Jun	50.5	0.0489	0.00957	0.000974	11.1	0.0275	3.97	0.000974	0.000974	0.00000487	0.00715	0.00113	0.00987	0.0192	0.00000487	16.4	0.0000182	0.000244	0.000222	0.000837	0.0577	0.00000974	1.19	2.06	0.0332	0.000257	4.06	0.00114	0.0494	0.000257	0.000156	0.0000602	0.0827	0.00000195	0.0000636	0.000546	0.00166	
2036 Jul	49	0.0448	0.00929	0.000983	10.6	0.0273	3.8	0.000983	0.000983	0.00000491	0.00716	0.00111	0.00989	0.0185	0.00000491	15.7	0.0000184	0.000238	0.00021	0.000821	0.0563	0.00000983	1.16	1.97	0.0312	0.000243	3.93	0.00113	0.0492	0.000241	0.000161	0.0000586	0.0795	0.00000197	0.0000624	0.000534	0.00169	
2036 Aug	50.9	0.0463	0.00961	0.00102	11	0.0286	3.94	0.00102	0.00102	0.00000511	0.00742	0.00116	0.0103	0.0192	0.00000511	16.3	0.000019	0.000246	0.000217	0.000855	0.0584	0.0000102	1.21	2.05	0.0322	0.000254	4.08	0.00117	0.0511	0.000249	0.000166	0.0000608	0.0825	0.00000205	0.0000648	0.00055	0.00176	
2036 Sep	50.9	0.0476	0.0095	0.00102	11	0.0291	3.97	0.00102	0.00102	0.00000512	0.00743	0.00116	0.0104	0.0191	0.00000512	16.3	0.0000187	0.000245	0.000214	0.000858	0.058	0.0000102	1.21	2.04	0.0316	0.000263	4.09	0.00117	0.0512	0.000242	0.000162	0.0000605	0.0823	0.00000205	0.0000653	0.000538	0.00174	
2036 Oct	50.3	0.0504	0.00914	0.00101	11	0.0296	3.98	0.00101	0.00101	0.00000505	0.00739	0.00114	0.0103	0.0188	0.00000505	16.1	0.0000183	0.00024	0.000207	0.000854	0.0567	0.0000101	1.19	2	0.03	0.000276	4.05	0.00115	0.0508	0.000227	0.000152	0.0000586	0.0808	0.00000202	0.0000656	0.000513	0.00168	
2036 Nov	50.1	0.051	0.00905	0.00101	11	0.0297	3.99	0.00101	0.00101	0.00000503	0.00738	0.00113	0.0103	0.0187	0.00000503	16	0.0000182	0.000238	0.000205	0.000852	0.0563	0.0000101	1.18	1.99	0.0296	0.00028	4.04	0.00114	0.0508	0.000223	0.00015	0.0000582	0.0804	0.00000201	0.0000657	0.000507	0.00167	
2036 Dec	50	0.0512	0.00902	0.001	11	0.0297	3.98	0.001	0.001	0.00000502	0.00737	0.00113	0.0103	0.0186	0.00000502	16	0.0000181	0.000238	0.000204	0.000851	0.0562	0.00001	1.18

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2039 Dec	129	0.103	0.298	0.00495	39.8	0.0434	25.5	0.000979	0.000979	0.00000496	0.00749	0.00144	0.0372	0.0219	0.00000559	20.6	0.0000226	0.000659	0.000246	0.000946	0.0583	0.0000119	2.79	4.57	0.0432	0.00108	23.2	0.00264	0.0487	0.000263	0.00028	0.000116	0.164	0.00000221	0.000708	0.000576	0.00178	
2040 Jan	129	0.103	0.298	0.00496	39.9	0.0434	25.5	0.000979	0.000979	0.00000496	0.00749	0.00144	0.0373	0.0219	0.00000559	20.6	0.0000226	0.000659	0.000246	0.000946	0.0583	0.0000119	2.8	4.57	0.0432	0.00108	23.2	0.00264	0.0487	0.000263	0.00028	0.000116	0.164	0.00000221	0.000709	0.000576	0.00178	
2040 Feb	129	0.103	0.298	0.00496	39.9	0.0434	25.5	0.000979	0.000979	0.00000496	0.00749	0.00144	0.0373	0.0219	0.00000559	20.6	0.0000226	0.000659	0.000246	0.000946	0.0583	0.0000119	2.8	4.57	0.0432	0.00108	23.2	0.00264	0.0487	0.000263	0.00028	0.000116	0.164	0.00000221	0.000709	0.000576	0.00178	
2040 Mar	129	0.103	0.299	0.00496	39.9	0.0435	25.5	0.000979	0.000979	0.00000497	0.0075	0.00144	0.0373	0.022	0.00000559	20.6	0.0000226	0.00066	0.000246	0.000947	0.0583	0.0000119	2.8	4.58	0.0432	0.00108	23.3	0.00265	0.0487	0.000263	0.00028	0.000116	0.165	0.00000221	0.000709	0.000576	0.00178	
2040 Apr	129	0.103	0.299	0.00497	40	0.0436	25.6	0.000981	0.000981	0.00000498	0.00751	0.00144	0.0374	0.022	0.00000561	20.7	0.0000227	0.000662	0.000247	0.000949	0.0585	0.0000119	2.8	4.59	0.0433	0.00108	23.3	0.00265	0.0488	0.000264	0.000281	0.000116	0.165	0.00000222	0.000711	0.000578	0.00179	
2040 May	131	0.104	0.301	0.005	40.4	0.0438	25.8	0.000991	0.000991	0.00000503	0.00758	0.00147	0.0376	0.0227	0.00000566	21.2	0.0000229	0.00067	0.000258	0.000966	0.0602	0.0000122	2.84	4.67	0.0452	0.00109	23.5	0.00268	0.0494	0.00028	0.000285	0.000119	0.168	0.00000224	0.000716	0.000599	0.00181	
2040 Jun	124	0.0959	0.264	0.00443	37.3	0.0389	23.6	0.000946	0.000946	0.00000479	0.00718	0.00146	0.034	0.0243	0.00000536	22.1	0.0000225	0.000643	0.0003	0.000956	0.0648	0.0000114	2.73	4.63	0.0529	0.000968	21.2	0.00255	0.048	0.00036	0.00028	0.000119	0.168	0.00000212	0.000644	0.000682	0.00177	
2040 Jul	124	0.0953	0.264	0.00445	37.3	0.0394	23.7	0.000969	0.000969	0.00000491	0.00734	0.00148	0.0343	0.0243	0.00000547	22.2	0.000023	0.000646	0.000299	0.000966	0.0653	0.0000116	2.74	4.63	0.0526	0.00097	21.2	0.00257	0.0489	0.000358	0.000286	0.000119	0.168	0.00000217	0.000646	0.000688	0.00182	
2040 Aug	127	0.0969	0.269	0.00454	38	0.0407	24.2	0.000993	0.000993	0.00000503	0.00747	0.00151	0.0351	0.0247	0.00000561	22.5	0.0000232	0.000658	0.000302	0.000988	0.0663	0.0000119	2.8	4.72	0.053	0.000994	21.6	0.00263	0.05	0.000359	0.000289	0.000122	0.171	0.00000222	0.00066	0.00069	0.00185	
2040 Sep	127	0.0983	0.271	0.00457	38.2	0.0416	24.5	0.000996	0.000996	0.00000505	0.00749	0.00151	0.0356	0.0246	0.00000564	22.6	0.000023	0.000663	0.000298	0.000992	0.0657	0.0000119	2.82	4.74	0.0523	0.00102	21.7	0.00265	0.0501	0.00035	0.000287	0.000122	0.172	0.00000223	0.00067	0.000676	0.00184	
2040 Oct	128	0.0996	0.271	0.00457	38.3	0.042	24.6	0.001	0.001	0.00000506	0.00755	0.00152	0.0357	0.0247	0.00000566	22.6	0.000023	0.000664	0.000296	0.000997	0.0656	0.000012	2.83	4.75	0.0519	0.00103	21.7	0.00265	0.0503	0.000345	0.000285	0.000122	0.172	0.00000224	0.000673	0.000671	0.00183	
2040 Nov	128	0.1	0.272	0.0046	38.4	0.0422	24.8	0.001	0.001	0.00000508	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000667	0.000297	0.000999	0.0657	0.000012	2.84	4.77	0.052	0.00103	21.9	0.00266	0.0505	0.000346	0.000286	0.000123	0.173	0.00000224	0.000677	0.000672	0.00183	
2040 Dec	128	0.1	0.273	0.0046	38.5	0.0423	24.8	0.001	0.001	0.00000508	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000668	0.000297	0.001	0.0657	0.000012	2.84	4.77	0.052	0.00103	21.9	0.00267	0.0505	0.000346	0.000286	0.000123	0.173	0.00000224	0.000678	0.000672	0.00183	
2041 Jan	128	0.1	0.273	0.0046	38.5	0.0423	24.8	0.001	0.001	0.00000508	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000668	0.000297	0.001	0.0658	0.000012	2.84	4.78	0.052	0.00103	21.9	0.00267	0.0505	0.000346	0.000286	0.000123	0.173	0.00000224	0.000679	0.000672	0.00184	
2041 Feb	128	0.1	0.273	0.00461	38.5	0.0423	24.8	0.001	0.001	0.00000508	0.00757	0.00152	0.036	0.0247	0.00000567	22.7	0.0000231	0.000669	0.000297	0.001	0.0658	0.000012	2.85	4.78	0.052	0.00104	21.9	0.00267	0.0505	0.000346	0.000286	0.000123	0.173	0.00000224	0.000679	0.000672	0.00184	
2041 Mar	128	0.1	0.273	0.00461	38.5	0.0423	24.9	0.001	0.001	0.00000508	0.00757	0.00152	0.0361	0.0247	0.00000568	22.7	0.0000231	0.000669	0.000297	0.001	0.0658	0.000012	2.85	4.78	0.0521	0.00104	21.9	0.00267	0.0505	0.000346	0.000287	0.000123	0.173	0.00000225	0.00068	0.000672	0.00184	
2041 Apr	129	0.101	0.274	0.00462	38.6	0.0424	24.9	0.001	0.001	0.00000509	0.00759	0.00153	0.0361	0.0248	0.00000569	22.7	0.0000232	0.00067	0.000298	0.001	0.0659	0.0000121	2.85	4.79	0.0522	0.00104	22	0.00267	0.0506	0.000346	0.000287	0.000123	0.173	0.00000225	0.000681	0.000674	0.00184	
2041 May	131	0.102	0.28	0.00472	39.4	0.043	25.6	0.00101	0.00101	0.00000512	0.00765	0.00154	0.037	0.0251	0.00000574	23.1	0.0000235	0.000685	0.000302	0.00101	0.0666	0.0000122	2.91	4.89	0.053	0.00106	22.4	0.00273	0.051	0.000351	0.000292	0.000125	0.177	0.00000227	0.000701	0.000682	0.00185	
2041 Jun	124	0.0915	0.267	0.00451	36.6	0.0406	25.2	0.00097	0.00097	0.00000492	0.00747	0.00143	0.0369	0.0222	0.00000554	20.8	0.0000237	0.000666	0.000259	0.000922	0.0595	0.0000118	2.79	4.59	0.0464	0.00104	21.1	0.00265	0.0479	0.000293	0.000298	0.000118	0.165	0.00000219	0.000701	0.000634	0.00186	
2041 Jul	111	0.079	0.237	0.00407	32.3	0.0377	22.7	0.000932	0.000932	0.00000472	0.00715	0.00131	0.034	0.0198	0.00000529	18.5	0.0000227	0.000606	0.000224	0.000846	0.054	0.0000112	2.54	4.12	0.0401	0.000935	18.7	0.00243	0.0453	0.000247	0.000284	0.000107	0.148	0.00000209	0.000637	0.000579	0.00181	
2041 Aug	115	0.0814	0.243	0.00419	33.3	0.0393	23.4	0.000967	0.000967	0.00000493	0.00738	0.00136	0.0351	0.0204	0.00000548	19.1	0.0000232	0.000624	0.00023	0.000877	0.0557	0.0000116	2.62	4.24	0.041	0.000968	19.3	0.00251	0.0469	0.000252	0.000291	0.00011	0.153	0.00000217	0.000657	0.00059	0.00187	
2041 Sep	116	0.0829	0.245	0.00421	33.6	0.0402	23.7	0.000974	0.000974	0.00000493	0.00742	0.00137	0.0355	0.0205	0.00000552	19.3	0.0000231	0.00063	0.000229	0.000885	0.0556	0.0000117	2.64	4.28	0.0407	0.000988	19.4	0.00253	0.0472	0.000247	0.000289	0.000111	0.154	0.00000218	0.000665	0.000582	0.00186	
2041 Oct	115	0.0849	0.243	0.00419	33.4	0.0407	23.8	0.00097	0.00097	0.00000491	0.00744	0.00136	0.0356	0.0204	0.0000055	19.2	0.0000229	0.000627	0.000225	0.000888	0.0551	0.0000117	2.64	4.27	0.0399	0.000999	19.3	0.00252	0.0473	0.000239	0.000284	0.00011	0.154	0.00000218	0.000665	0.000569	0.00183	
2041 Nov	116	0.0856	0.244	0.00421	33.6	0.0409	24	0.000972	0.000972	0.00000493	0.00747	0.00137	0.0358	0.0205	0.00000552	19.3	0.000023	0.000631	0.000226	0.000891	0.0552	0.0000117	2.65	4.29	0.04	0.00101	19.4	0.00253	0.0474	0.000239	0.000284	0.00011	0.155	0.00000218	0.000671	0.000569	0.00183	
2041 Dec	116	0.0857	0.245	0.00422	33.7	0.041	24	0.000972	0.000972	0.00000493	0.00747	0.00137	0.0359	0.0205	0.00000552	19.3	0.000023	0.000633	0.000226	0.000892	0.0552	0.0000117	2.66	4.3	0.04	0.00101	19.4	0.00254	0.0474	0.000239	0.000285	0.000111	0.155	0.00000218	0.000672	0.000569	0.00183	
2042 Jan	116	0.0858	0.245	0.00422	33.7	0.041	24	0.000972	0.000972	0.00000493	0.00747	0.00137	0.0359	0.0205	0.00000552	19.3	0.000023	0.000633	0.000226	0.000892	0.0552	0.0000117	2.66	4.3	0.04	0.00101	19.4	0.00254	0.0474	0.000239	0.000285	0.000111	0.155	0.00000218	0.000673	0.000569	0.00184	
2042 Feb	116	0.0858	0.245	0.00422	33.7	0.041	24.1	0.000972	0.000972	0.00000493	0.00747	0.00137	0.0359	0.0205	0.00000552	19.3	0.000023	0.000633	0.000226	0.000892	0.0552	0.0000117	2.66	4.3	0.04	0.00101	19.4	0.00254	0.0474	0.000239	0.000285	0.000111	0.155	0.00000219	0.000673	0.000569	0.00184	
2042 Mar	116	0.0859	0.245	0.00422	33.7	0.041	24.1	0.000973	0.000973	0.00000493	0.00748	0.00137	0.036	0.0205	0.00000553	19.4	0.000023	0.000634	0.000226	0.000892	0.0552	0.0000117	2.66	4.3	0.0401	0.00101	19.5	0.00254	0.0474	0.000239	0.000285	0.000111	0.155	0.00000219	0.000674	0.00057	0.00184	
2042 Apr	117	0.0862	0.246	0.00424	33.9	0.0412	24.2	0.000977	0.000977	0.00000495	0.00751	0.00138	0.0361	0.0206	0.00000555	19.4	0.0000231	0.000636	0.000227	0.000896	0.0554	0.0000118	2.67	4.32	0.0402	0.00102	19.6	0.00255	0.0476	0.00024	0.000286	0.000111	0.156	0.0000022	0.000677	0.000572	0.00184	
2042 May	119	0.0876	0.249	0.00429	34.4	0.0417	24.5	0.000992	0.000992	0.00000503	0.00762	0.0014	0.0366	0.0211	0.00000563	19.9	0.0000235	0.000646	0.000234	0.000913	0.0568	0.0000112	2.72	4.4	0.0415	0.00103	19.8	0.00259	0.0484	0.00025	0.000291	0.000113	0.159	0.00000223	0.000685	0.000587	0.00187	
2042 Jun	112	0.0797	0.233	0.00405	32	0.0394	23.5	0.000964	0.000964	0.00000488	0.00746	0.00133	0.0354	0.0197	0.00000547	18.6	0.0000234	0.000623	0.000216	0.000861	0.0536	0.0000116	2.6	4.18	0.0386	0.00098	18.5	0.0025	0.0466	0.000228	0.000291	0.000108	0.15	0.00000216	0.000662	0.000572	0.00187	
2042 Jul	106	0.0728	0.217	0.00383	29.9	0.0383	22.4	0.000951	0.000951	0.00000482	0.00729	0.00128	0.034	0.0185	0.00000537	17.6	0.0000228	0.000593	0.000199	0.000829	0.0512	0.0000114	2.48	3.95	0.0355	0.00093	17.3	0.0024	0.0455	0.000207	0.000284	0.000103	0.142	0.00000213	0.000631	0.000541	0.00185	
2042 Aug	105	0.0723	0.214	0.00377	29.5	0.0397	22.6	0.000937	0.000937	0.00000475	0.00705	0.00127	0.0344	0.0182	0.00000531	17.4	0.0000213	0.00059	0.000189	0.000823	0.0491	0.0000113	2.48	3.93	0.0336	0.000957	17.1	0.00239	0.0444	0.000187	0.000269	0.000102	0.142	0.0000021	0.000638	0.000493	0.00176	
2042 Sep	105	0.074	0.211	0.00373	29.4	0.0409	22.8	0.000932	0.000932	0.00000472	0.00698	0.00127	0.0347	0.018	0.00000529	17.4	0.0000206	0.00059	0.000184	0.000823	0.048	0.0000112	2.49	3.93	0.0325	0.00098	16.9	0.00238	0.0441	0.000174	0.000259	0.000102	0.142	0.00000209	0.000643	0.000465	0.00171	
2042 Oct	104	0.0764	0.21	0.00371	29.4	0.0413	23	0.000924	0.000924	0.00000469	0.007	0.00126	0.0348	0.018	0.00000526	17.4	0.0000204	0.00059	0.000181	0.000826	0.0475	0.0000112	2.49	3.94	0.0318	0.000996	16.9	0.00238	0.0441	0.000167	0.000254	0.000101	0.142	0.00000208	0.000647	0.000453	0.00167	
2042 Nov	105	0.0771	0.213	0.00375	29.7	0.0417	23.3	0.000926	0.000926	0.0000047	0.00702	0.00127	0.0353	0.0181	0.00000528	17.5	0.0000205	0.000597	0.000182	0.00083	0.0476	0.0000112	2.52	3.98	0.032	0.00101	17	0.00241	0.0442	0.000167	0.000256	0.000102	0.143	0.00000209	0.000657	0.000455	0.00168	
2042 Dec	106	0.0772	0.213	0.00376	29.7	0.0417	23.4	0.000927	0.000927	0.0000047	0.00702	0.00127	0.0353	0.0181	0.00000528	17.5	0.0000205	0.000598	0.000182	0.00083	0.0476	0.0000112	2.52	3.99	0.032	0.00101	17.1	0.00241	0.0443	0.000167	0.000256	0.000102	0.143	0.00000209	0.000659	0.000455	0.00168	
2043 Jan	106	0.0773	0.213	0.00376	29.7	0.0417	23.4	0.000927	0.000927	0.0000047	0.00702	0.00127	0.0354	0.0181	0.00000528	17.5	0.0000206	0.000599	0.000182	0.00083	0.0476	0.0000112	2.52	3.99	0.0321	0.00101	17.1	0.00241	0.0443	0.000167	0.000256	0.000103	0.144	0.00000209	0.00066	0.000455	0.00168	
2043 Feb	106	0.0773	0.213	0.00376	29.7	0.0417	23.4	0.000927	0.000927	0.0000047	0.00703	0.00127	0.0354	0.0181	0.00000528	17.5	0.0000206	0.000599	0.000182	0.00083	0.0476	0.0000112	2.53	3.99	0.0321	0.00101	17.1	0.00241	0.0443	0.000167	0.000256	0.000103	0.144	0.00000209	0.00066	0.000455	0.00168	
2043 Mar	106	0.0773	0.214	0.00376	29.7	0.0417	23.4	0.000927	0.000927	0.0000047	0.00703	0.00127	0.0354	0.0181	0.00000529	17.5	0.0000206	0.000599	0.000182	0.000831	0.0476	0.0000112	2.53	3.99	0.0321	0.00101	17.1	0.00241	0.0443	0.000167	0.000256	0.000103	0.144	0.00000209	0.00066	0.000455	0.00168	
2043 Apr	106	0.0776	0.214	0.00378	29.9	0.0419	23.5	0.00093	0.00093	0.00000472	0.00705	0.00128	0.0355	0.0181	0.00000531	17.6	0.0000206	0.000602	0.000183	0.000834	0.0478	0.0000113	2.54	4.01	0.0322	0.00102	17.2	0.00242	0.0444	0.000168	0.000257	0.000103	0.144	0.0000021	0.000663	0.000457	0.00168	
2043 May	108	0.0791	0.217	0.00383	30.4	0.0424	23.9	0.000946	0.000946	0.00000479	0.00716	0.00131	0.036	0.0188	0.00000539	18.1	0.000021	0.000614	0.000193	0.000854	0.0495	0.0000115	2.59	4.11	0.034	0.00103	17.4	0.00247	0.0453	0.000182	0.000262	0.000106	0.148	0.00000213	0.000672	0.000477	0.00171	
2043 Jun	108	0.077	0.201	0.00355	29.7	0.0392	23.4	0.000922	0.000922	0.00000467	0.00698	0.00136	0.0344	0.0214	0.00000524	19.9	0.0000215	0.000622	0.000249	0.000882	0.0565	0.0000111	2.62	4.32	0.0441	0.000976	16.6	0.00247	0.0453	0.000279	0.00027	0.000112	0.156	0.00000207	0.000646	0.000586	0.00172	
2043 Jul	110	0.0777	0.203	0.00363	30.1	0.0404	23.8	0.000959	0.000959	0.00000486	0.00723	0.0014	0.0352	0.0218	0.00000544	20.3	0.0000222	0.000635	0.000252	0.000907	0.058	0.0000115	2.68	4.4	0.0446	0.000995	16.9	0.00254	0.0469	0.000281	0.000279	0.000114	0.159	0.00000215	0.000659	0.000599	0.00179	
2043 Aug	114	0.0804	0.21	0.00375	31.2	0.0423	24.8	0.000993	0.000993	0.00000503	0.00745	0.00145	0.0367	0.0225	0.00000564	21	0.0000227	0.000658	0.000257	0.000939	0.0595	0.000012	2.78	4.56	0.0456	0.00104	17.4	0.00263	0.0484	0.000285	0.000286	0.000118	0.165	0.00000223	0.000686	0.000608	0.00184	
2043 Sep	115	0.0819	0.212	0.00378	31.5	0.0432	25.3	0.000995	0.000995	0.00000504	0.00747	0.00146	0.0374	0.0225	0.00000567	21.1	0.0000225	0.000667	0.000255	0.000944	0.0591	0.000012	2.81	4.6	0.0451	0.00107	17.6	0.00266	0.0485	0.000278	0.000285	0.000119	0.166	0.00000224	0.000701	0.000597	0.00183	
2043 Oct	117	0.0855	0.215	0.00382	31.8	0.0444	26.1	0.000988	0.000988	0.00000501	0.00751	0.00146	0.0383	0.0224	0.00000565	21.1	0.0000225	0.000678	0.00025	0.000949	0.0582	0.000012	2.86	4.67	0.0442	0.00111	17.8	0.0027	0.0485	0.000265	0.000282	0.000119	0.168	0.00000223	0.000724	0.000579	0.00179	
2043 Nov	117	0.088	0.217	0.00384	32	0.0451	26.6	0.000982	0.000982	0.00000498	0.00754	0.00145	0.039	0.0222	0.00000564	21.1	0.0000224	0.000685	0.000247	0.000952	0.0575	0.000012	2.89	4.71	0.0434	0.00114	17.9	0.00272	0.0485	0.000255	0.000279	0.00012	0.17	0.00000223	0.00074	0.000566	0.00176	
2043 Dec	118	0.0881	0.217	0.00385	32	0.0452	26.7	0.000982	0.000982	0.00000498	0.00754	0.00146	0.0391	0.0223	0.00000564	21.1	0.0000225	0.000686	0.000247	0.000952	0.0575	0.000012	2.89	4.72	0.0435	0.00114	17.9	0.00272	0.0485	0.000255	0.000279	0.00012	0.17	0.00000223	0.000742	0.000566	0.00176	
2044 Jan	118	0.0881	0.218	0.00385	32	0.0452	26.7	0.000982	0.000982	0.00000498	0.00754	0.00146	0.0391	0.0223	0.00000564	21.1	0.0000225	0.000687	0.000247	0.000952	0.0575	0.000012	2.9	4.72	0.0435	0.00114	17.9	0.00273	0.0485	0.000255	0.000279	0.00012	0.17	0.00000223	0.000743	0.000566	0.00177	
2044 Feb	118	0.0882	0.218	0.00385	32.1	0.0452	26.7	0.000982	0.000982	0.00000498	0.00755	0.00146	0.0391	0.0223	0.00000565	21.2	0.0000225	0.000687	0.000247	0.000953	0.0576	0.000012	2.9	4.72	0.0435	0.00114	17.9	0.00273	0.0485	0.000255	0.00028	0.00012	0.17	0.00000223	0.000743	0.000567	0.00177	
2044 Mar	118	0.0883	0.218	0.00386	32.1	0.0453	26.7	0.000983	0.000983	0.00000499	0.00755	0.00146	0.0392	0.0223	0.00000565	21.2	0.0000225	0.000688	0.000247	0.000953	0.0576	0.0000121	2.9	4.73	0.0435	0.00115	18	0.00273	0.0486	0.000256	0.00028	0.00012	0.17	0.00000223	0.000744	0.000567	0.00177	
2044 Apr	118	0.0884	0.218	0.00386	32.1	0.0453	26.8	0.000985	0.000985	0.000005	0.00757	0.00146	0.0393	0.0223	0.00000566	21.2	0.0000225	0.000689	0.000248	0.000955	0.0577	0.0000121	2.91	4.74	0.0436	0.00115	18	0.00274	0.0487	0.000256	0.00028	0.00012	0.17	0.00000224	0.000746	0.000568	0.00177	
2044 May	120	0.0896	0.221	0.00391	32.6	0.0459	27.1	0.000997	0.000997	0.00000506	0.00766	0.00148	0.0397	0.0226	0.00000573	21.5	0.0000228	0.000698	0.000251	0.000968	0.0585	0.0000122	2.94	4.8	0.0443	0.00116	18.2	0.00277	0.0493	0.00026	0.000284	0.000122	0.173	0.00000227	0.000755	0.000576	0.00179	
2044 Jun	106	0.0743	0.189	0.00344	28.5	0.0405	24.1	0.000942	0.000942	0.00000478	0.0072	0.00134	0.0357	0.0202	0.00000538	19.2	0.0000222	0.00063	0.000225	0.000874	0.0533	0.0000113	2.65	4.27	0.0399	0.00102	15.8	0.00251	0.0453	0.000236	0.000276	0.00011	0.154	0.00000213	0.000674	0.000554	0.00176	
2044 Jul	105	0.0717	0.184	0.00341	28	0.0404	23.8	0.000964	0.000964	0.00000488	0.00734	0.00134	0.0355	0.0199	0.00000548	18.9	0.0000227	0.000624	0.000219	0.000874	0.0531	0.0000114	2.63	4.2	0.0389	0.000999	15.5	0.0025	0.0457

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2047 Jun	103	0.0642	0.144	0.00284	24.8	0.0407	26.6	0.00092	0.00092	0.00000467	0.00703	0.00137	0.0383	0.021	0.00000534	19.9	0.0000226	0.000678	0.000243	0.000885	0.0541	0.0000111	2.85	4.59	0.0438	0.0011	13	0.00267	0.0434	0.000263	0.000289	0.000118	0.165	0.00000211	0.000745	0.000584	0.00173	
2047 Jul	106	0.0653	0.146	0.00291	25.3	0.042	27.1	0.000961	0.000961	0.00000488	0.00733	0.00141	0.0392	0.0216	0.00000556	20.5	0.0000235	0.000694	0.000249	0.000915	0.056	0.0000115	2.92	4.7	0.0447	0.00112	13.2	0.00274	0.0453	0.000269	0.0003	0.000121	0.169	0.0000022	0.000759	0.000604	0.00181	
2047 Aug	109	0.0676	0.151	0.00301	26.2	0.0438	28	0.000998	0.000998	0.00000507	0.00758	0.00146	0.0406	0.0224	0.00000577	21.2	0.0000241	0.000717	0.000256	0.000949	0.0578	0.0000119	3.01	4.85	0.046	0.00116	13.6	0.00284	0.0469	0.000275	0.000308	0.000125	0.175	0.00000228	0.000785	0.000618	0.00187	
2047 Sep	108	0.0684	0.147	0.00295	25.7	0.0442	27.6	0.00099	0.00099	0.00000502	0.00752	0.00145	0.0402	0.022	0.00000572	20.9	0.0000235	0.000706	0.000249	0.000943	0.0566	0.0000118	2.97	4.78	0.0444	0.00116	13.4	0.00279	0.0467	0.000261	0.000297	0.000123	0.172	0.00000226	0.000774	0.000592	0.00182	
2047 Oct	108	0.0709	0.146	0.00292	25.6	0.0448	28	0.000976	0.000976	0.00000496	0.0075	0.00144	0.0406	0.0218	0.00000566	20.8	0.0000232	0.000708	0.000243	0.000941	0.0555	0.0000117	2.98	4.79	0.0432	0.00118	13.3	0.0028	0.0465	0.000248	0.000291	0.000122	0.172	0.00000224	0.000784	0.000572	0.00178	
2047 Nov	109	0.0719	0.148	0.00295	25.8	0.0453	28.5	0.000973	0.000973	0.00000495	0.00752	0.00144	0.0413	0.0218	0.00000566	20.9	0.0000233	0.000718	0.000242	0.000943	0.0553	0.0000118	3.02	4.85	0.0432	0.00121	13.4	0.00283	0.0465	0.000245	0.000292	0.000123	0.174	0.00000224	0.000801	0.000568	0.00177	
2047 Dec	109	0.072	0.149	0.00295	25.8	0.0454	28.6	0.000973	0.000973	0.00000495	0.00752	0.00144	0.0414	0.0218	0.00000567	20.9	0.0000233	0.00072	0.000242	0.000944	0.0553	0.0000118	3.03	4.86	0.0432	0.00121	13.4	0.00284	0.0465	0.000245	0.000293	0.000124	0.175	0.00000224	0.000804	0.000568	0.00177	
2048 Jan	109	0.0721	0.149	0.00296	25.8	0.0454	28.7	0.000973	0.000973	0.00000495	0.00752	0.00144	0.0415	0.0218	0.00000567	20.9	0.0000233	0.000721	0.000242	0.000944	0.0553	0.0000118	3.03	4.87	0.0432	0.00121	13.5	0.00284	0.0465	0.000245	0.000293	0.000124	0.175	0.00000224	0.000806	0.000569	0.00177	
2048 Feb	109	0.0721	0.149	0.00296	25.8	0.0455	28.7	0.000974	0.000974	0.00000495	0.00752	0.00144	0.0415	0.0218	0.00000567	20.9	0.0000233	0.000721	0.000243	0.000945	0.0553	0.0000118	3.03	4.87	0.0433	0.00121	13.5	0.00284	0.0465	0.000246	0.000293	0.000124	0.175	0.00000224	0.000806	0.000569	0.00177	
2048 Mar	109	0.0721	0.149	0.00296	25.8	0.0455	28.7	0.000974	0.000974	0.00000495	0.00752	0.00144	0.0415	0.0218	0.00000567	20.9	0.0000233	0.000722	0.000243	0.000945	0.0553	0.0000118	3.03	4.87	0.0433	0.00121	13.5	0.00284	0.0465	0.000246	0.000293	0.000124	0.175	0.00000224	0.000806	0.000569	0.00177	
2048 Apr	109	0.0723	0.15	0.00297	25.9	0.0456	28.8	0.000977	0.000977	0.00000496	0.00755	0.00145	0.0416	0.0219	0.00000569	21	0.0000234	0.000724	0.000243	0.000948	0.0555	0.0000118	3.04	4.89	0.0434	0.00122	13.5	0.00285	0.0466	0.000246	0.000294	0.000124	0.176	0.00000225	0.000809	0.000571	0.00178	
2048 May	111	0.0733	0.152	0.00301	26.3	0.0462	29.2	0.00099	0.00099	0.00000503	0.00765	0.00147	0.0422	0.0222	0.00000577	21.3	0.0000237	0.000734	0.000247	0.000961	0.0562	0.0000112	3.08	4.95	0.044	0.00123	13.7	0.00289	0.0473	0.00025	0.000298	0.000126	0.178	0.00000228	0.00082	0.000579	0.0018	
2048 Jun	99.3	0.0608	0.132	0.00272	23.1	0.0417	26.2	0.000944	0.000944	0.00000479	0.00729	0.00133	0.0386	0.0195	0.00000546	18.8	0.000023	0.000665	0.000211	0.000866	0.0504	0.0000112	2.79	4.4	0.0379	0.0011	12	0.00264	0.044	0.000209	0.000289	0.000113	0.158	0.00000216	0.000742	0.000538	0.00178	
2048 Jul	89.9	0.0513	0.115	0.00249	20.7	0.0386	23.4	0.000932	0.000932	0.00000472	0.00709	0.00124	0.0351	0.0176	0.00000532	17	0.0000224	0.000602	0.000186	0.000812	0.0471	0.0000108	2.53	3.94	0.0333	0.000975	10.7	0.00242	0.0424	0.000181	0.000279	0.000103	0.142	0.0000021	0.000664	0.000508	0.00178	
2048 Aug	90.2	0.0518	0.114	0.00249	20.7	0.0398	23.4	0.000949	0.000949	0.00000481	0.00713	0.00126	0.0352	0.0178	0.0000054	17.2	0.000022	0.000602	0.000185	0.000826	0.0474	0.0000111	2.54	3.95	0.033	0.000986	10.7	0.00243	0.0431	0.000177	0.000275	0.000104	0.143	0.00000214	0.000663	0.000496	0.00177	
2048 Sep	89.8	0.0533	0.112	0.00246	20.6	0.0405	23.4	0.000946	0.000946	0.00000479	0.00711	0.00126	0.0353	0.0178	0.00000538	17.2	0.0000216	0.0006	0.000182	0.000828	0.0468	0.0000111	2.54	3.94	0.0322	0.000997	10.6	0.00242	0.0431	0.000169	0.000267	0.000103	0.143	0.00000213	0.000662	0.000478	0.00174	
2048 Oct	89.9	0.0556	0.112	0.00244	20.5	0.0411	23.6	0.000938	0.000938	0.00000476	0.00711	0.00125	0.0355	0.0178	0.00000535	17.2	0.0000214	0.000602	0.00018	0.000831	0.0464	0.0000111	2.55	3.96	0.0317	0.00102	10.5	0.00242	0.0432	0.000163	0.000263	0.000103	0.143	0.00000212	0.000668	0.000467	0.00171	
2048 Nov	90.3	0.0567	0.112	0.00245	20.6	0.0415	23.9	0.000939	0.000939	0.00000476	0.00714	0.00126	0.0358	0.0178	0.00000536	17.3	0.0000214	0.000606	0.00018	0.000835	0.0464	0.0000111	2.56	3.98	0.0316	0.00103	10.6	0.00243	0.0433	0.000161	0.000262	0.000103	0.144	0.00000212	0.000674	0.000464	0.0017	
2048 Dec	90.4	0.0567	0.112	0.00245	20.6	0.0415	23.9	0.000939	0.000939	0.00000476	0.00715	0.00126	0.0359	0.0178	0.00000536	17.3	0.0000214	0.000607	0.00018	0.000836	0.0464	0.0000111	2.57	3.99	0.0316	0.00103	10.6	0.00244	0.0433	0.000161	0.000262	0.000103	0.144	0.00000212	0.000676	0.000464	0.0017	
2049 Jan	90.5	0.0567	0.113	0.00245	20.6	0.0415	23.9	0.000939	0.000939	0.00000476	0.00715	0.00126	0.0359	0.0178	0.00000536	17.3	0.0000214	0.000607	0.00018	0.000836	0.0464	0.0000111	2.57	3.99	0.0316	0.00103	10.6	0.00244	0.0433	0.000161	0.000262	0.000103	0.144	0.00000212	0.000677	0.000464	0.0017	
2049 Feb	90.5	0.0567	0.113	0.00245	20.6	0.0415	23.9	0.000939	0.000939	0.00000476	0.00715	0.00126	0.0359	0.0178	0.00000536	17.3	0.0000215	0.000607	0.00018	0.000836	0.0464	0.0000111	2.57	3.99	0.0316	0.00103	10.6	0.00244	0.0433	0.000161	0.000263	0.000103	0.144	0.00000212	0.000677	0.000464	0.0017	
2049 Mar	90.6	0.0568	0.113	0.00245	20.7	0.0415	24	0.000939	0.000939	0.00000476	0.00715	0.00126	0.0359	0.0178	0.00000537	17.3	0.0000215	0.000608	0.00018	0.000836	0.0465	0.0000111	2.57	4	0.0317	0.00103	10.6	0.00244	0.0434	0.000161	0.000263	0.000103	0.144	0.00000212	0.000677	0.000465	0.0017	
2049 Apr	90.8	0.057	0.113	0.00246	20.7	0.0417	24	0.000942	0.000942	0.00000478	0.00717	0.00126	0.036	0.0179	0.00000538	17.4	0.0000215	0.00061	0.000181	0.000839	0.0466	0.0000111	2.58	4.01	0.0318	0.00103	10.6	0.00245	0.0435	0.000162	0.000264	0.000104	0.145	0.00000213	0.00068	0.000466	0.00171	
2049 May	92.1	0.0578	0.114	0.00249	21	0.0422	24.3	0.000955	0.000955	0.00000484	0.00727	0.00128	0.0365	0.0182	0.00000545	17.6	0.0000218	0.000618	0.000184	0.000851	0.0474	0.0000112	2.61	4.06	0.0324	0.00105	10.8	0.00248	0.0441	0.000165	0.000267	0.000105	0.147	0.00000216	0.000688	0.000474	0.00173	
2049 Jun	84.2	0.0479	0.101	0.00228	18.7	0.0382	22.4	0.000916	0.000916	0.00000464	0.00698	0.00119	0.034	0.0164	0.00000521	16	0.0000216	0.000575	0.000166	0.00078	0.0439	0.0000106	2.42	3.72	0.0295	0.000947	9.57	0.00232	0.0415	0.000149	0.000266	0.0000975	0.134	0.00000206	0.000637	0.000465	0.00173	
2049 Jul	79.7	0.043	0.0925	0.00217	17.6	0.0366	20.8	0.000914	0.000914	0.00000463	0.00689	0.00115	0.032	0.0157	0.00000515	15.1	0.0000214	0.000541	0.000155	0.000757	0.0427	0.0000104	2.29	3.48	0.0275	0.000878	8.93	0.0022	0.0408	0.00014	0.000262	0.0000925	0.126	0.00000204	0.000593	0.000454	0.00174	
2049 Aug	83.3	0.0449	0.0963	0.00226	18.4	0.0385	21.8	0.000957	0.000957	0.00000485	0.00719	0.0012	0.0335	0.0164	0.00000534	15.9	0.0000222	0.000566	0.000162	0.000794	0.0446	0.0000109	2.39	3.64	0.0286	0.000921	9.32	0.0023	0.0428	0.000145	0.000272	0.0000958	0.132	0.00000214	0.00062	0.000471	0.00181	
2049 Sep	83.1	0.0473	0.0948	0.00224	18.3	0.0393	21.8	0.000953	0.000953	0.00000482	0.00718	0.0012	0.0335	0.0164	0.00000537	15.9	0.0000217	0.000564	0.00016	0.000799	0.0443	0.0000109	2.39	3.64	0.028	0.000935	9.24	0.0023	0.0429	0.000138	0.000264	0.0000962	0.132	0.00000213	0.00062	0.000454	0.00177	
2049 Oct	83.2	0.0504	0.0941	0.00221	18.3	0.04	22.1	0.000943	0.000943	0.00000478	0.00719	0.0012	0.0338	0.0164	0.00000533	16	0.0000215	0.000567	0.000159	0.000804	0.0439	0.0000108	2.4	3.67	0.0275	0.000958	9.21	0.0023	0.043	0.000132	0.000258	0.000096	0.133	0.00000211	0.000628	0.000441	0.00173	
2049 Nov	84.7	0.0514	0.0963	0.00224	18.5	0.0406	22.8	0.000942	0.000942	0.00000477	0.00721	0.00121	0.0348	0.0166	0.00000535	16.2	0.0000217	0.000581	0.000159	0.000809	0.0439	0.0000109	2.46	3.76	0.0278	0.000989	9.36	0.00235	0.0431	0.000131	0.00026	0.0000977	0.136	0.00000212	0.00065	0.00044	0.00172	
2049 Dec	84.9	0.0515	0.0968	0.00225	18.6	0.0407	23	0.000942	0.000942	0.00000477	0.00722	0.00121	0.0349	0.0166	0.00000536	16.2	0.0000217	0.000583	0.00016	0.00081	0.0439	0.0000109	2.47	3.77	0.0278	0.000994	9.39	0.00236	0.0431	0.000131	0.000261	0.000098	0.136	0.00000212	0.000653	0.000441	0.00173	
2050 Jan	85	0.0516	0.0969	0.00225	18.6	0.0407	23	0.000942	0.000942	0.00000477	0.00722	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000584	0.00016	0.00081	0.0439	0.0000109	2.47	3.77	0.0279	0.000995	9.39	0.00236	0.0431	0.000131	0.000261	0.0000981	0.137	0.00000212	0.000654	0.000441	0.00173	
2050 Feb	85	0.0516	0.0969	0.00225	18.6	0.0407	23	0.000942	0.000942	0.00000477	0.00722	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000584	0.00016	0.00081	0.0439	0.0000109	2.47	3.78	0.0279	0.000995	9.4	0.00236	0.0431	0.000131	0.000261	0.0000981	0.137	0.00000212	0.000655	0.000441	0.00173	
2050 Mar	85	0.0516	0.0969	0.00225	18.6	0.0407	23	0.000942	0.000942	0.00000477	0.00722	0.00121	0.035	0.0166	0.00000536	16.2	0.0000217	0.000584	0.00016	0.00081	0.0439	0.0000109	2.47	3.78	0.0279	0.000996	9.4	0.00236	0.0431	0.000131	0.000261	0.0000982	0.137	0.00000212	0.000655	0.000441	0.00173	
2050 Apr	85.2	0.0517	0.0972	0.00226	18.6	0.0408	23.1	0.000944	0.000944	0.00000479	0.00724	0.00122	0.0351	0.0166	0.00000537	16.3	0.0000218	0.000585	0.00016	0.00082	0.044	0.0000111	2.48	3.79	0.0279	0.000998	9.42	0.00237	0.0432	0.000131	0.000262	0.0000984	0.137	0.00000212	0.000656	0.000442	0.00173	
2050 May	86.2	0.0523	0.0982	0.00228	18.9	0.0413	23.3	0.000955	0.000955	0.00000484	0.00732	0.00123	0.0354	0.0168	0.00000543	16.5	0.0000222	0.000592	0.000162	0.000822	0.0446	0.0000111	2.5	3.83	0.0284	0.00101	9.52	0.00239	0.0437	0.000134	0.000265	0.0000995	0.139	0.00000215	0.000663	0.000448	0.00175	
2050 Jun	82.1	0.0466	0.0891	0.00212	17.6	0.0382	21.9	0.00093	0.00093	0.00000471	0.00712	0.00119	0.0334	0.0166	0.00000527	16.1	0.0000214	0.000568	0.00016	0.00079	0.0448	0.0000107	2.39	3.68	0.0295	0.000931	8.81	0.0023	0.0425	0.000151	0.000267	0.0000967	0.133	0.00000208	0.000623	0.000474	0.00176	
2050 Jul	77.1	0.0413	0.0812	0.00201	16.4	0.0365	20.3	0.000917	0.000917	0.00000464	0.00692	0.00114	0.0314	0.0157	0.00000515	15.1	0.0000213	0.000531	0.000155	0.000761	0.0431	0.0000104	2.25	3.43	0.0273	0.000861	8.17	0.00217	0.0414	0.00014	0.000258	0.0000911	0.125	0.00000204	0.000578	0.000453	0.00173	
2050 Aug	78.9	0.042	0.0828	0.00206	16.8	0.0378	20.9	0.000944	0.000944	0.00000477	0.00707	0.00118	0.0322	0.0161	0.0000053	15.5	0.0000216	0.000544	0.000159	0.000785	0.0443	0.0000107	2.31	3.52	0.0278	0.000885	8.36	0.00223	0.0425	0.000143	0.000263	0.0000935	0.128	0.0000021	0.000593	0.000458	0.00177	
2050 Sep	79.3	0.0437	0.0824	0.00205	16.8	0.0386	21	0.000947	0.000947	0.00000479	0.0071	0.00119	0.0324	0.0162	0.00000532	15.7	0.0000214	0.000546	0.000158	0.000793	0.0443	0.0000108	2.32	3.54	0.0275	0.000899	8.37	0.00224	0.0428	0.000139	0.000259	0.0000937	0.129	0.00000211	0.000596	0.000449	0.00176	
2050 Oct	80.3	0.0448	0.0836	0.00207	17	0.0391	21.4	0.000952	0.000952	0.00000482	0.00716	0.0012	0.033	0.0164	0.00000536	15.8	0.0000216	0.000554	0.000159	0.000801	0.0446	0.0000109	2.36	3.6	0.0278	0.000918	8.47	0.00227	0.0432	0.000139	0.000261	0.0000949	0.131	0.00000212	0.000608	0.000451	0.00176	
2050 Nov	80.9	0.045	0.0844	0.00209	17.1	0.0394	21.7	0.000954	0.000954	0.00000483	0.00719	0.00121	0.0333	0.0165	0.00000538	15.9	0.0000217	0.00056	0.00016	0.000804	0.0447	0.0000109	2.38	3.63	0.0279	0.000929	8.53	0.00229	0.0433	0.000139	0.000263	0.0000957	0.132	0.00000213	0.000616	0.000452	0.00177	
2050 Dec	81	0.0451	0.0846	0.00209	17.1	0.0394	21.7	0.000955	0.000955	0.00000483	0.00719	0.00121	0.0334	0.0165	0.00000538	15.9	0.0000217	0.000561	0.00016	0.000804	0.0447	0.0000109	2.38	3.64	0.028	0.000931	8.54	0.00229	0.0433	0.000139	0.000263	0.0000958	0.132	0.00000213	0.000617	0.000453	0.00177	
2051 Jan	81.1	0.0451	0.0847	0.00209	17.2	0.0395	21.8	0.000955	0.000955	0.00000483	0.00719	0.00121	0.0334	0.0165	0.00000538	15.9	0.0000217	0.000561	0.00016	0.000804	0.0447	0.0000109	2.38	3.64	0.028	0.000932	8.55	0.00229	0.0433	0.000139	0.000263	0.0000959	0.132	0.00000213	0.000618	0.000453	0.00177	
2051 Feb	81.1	0.0451	0.0847	0.00209	17.2	0.0395	21.8	0.000955	0.000955	0.00000483	0.00719	0.00121	0.0334	0.0165	0.00000538	15.9	0.0000217	0.000562	0.00016	0.000805	0.0447	0.000011	2.39	3.64	0.028	0.000932	8.55	0.00229	0.0433	0.000139	0.000263	0.0000959	0.132	0.00000213	0.000618	0.000453	0.00177	
2051 Mar	81.1	0.0451	0.0847	0.00209	17.2	0.0395	21.8	0.000955	0.000955	0.00000484	0.0072	0.00121	0.0335	0.0165	0.00000538	16	0.0000217	0.000562	0.00016	0.000805	0.0447	0.000011	2.39	3.64	0.028	0.000933	8.55	0.00229	0.0433	0.000139	0.000263	0.000096	0.132	0.00000213	0.000619	0.000453	0.00177	
2051 Apr	81.4	0.0452	0.085	0.0021	17.2	0.0396	21.8	0.000958	0.000958	0.00000485	0.00722	0.00121	0.0336	0.0165	0.0000054	16	0.0000218	0.000564	0.000161	0.000808	0.0449	0.000011	2.39	3.66	0.0281	0.000936	8.58	0.0023	0.0435	0.00014	0.000264	0.0000963	0.133	0.00000214	0.000621	0.000454	0.00177	
2051 May	84.2	0.0466	0.0879	0.00215	17.7	0.0405	22.9	0.000969	0.000969	0.00000491	0.00732	0.00124	0.0349	0.0171	0.00000548	16.6	0.0000222	0.000587	0.000169	0.000826	0.0461	0.0000112	2.49	3.82	0.0297	0.000975	8.84	0.00239	0.0441	0.00015	0.000272	0.0001	0.138	0.00000217	0.00065	0.00047	0.0018	
2051 Jun	88	0.044	0.0871	0.00206	17.8	0.0387	25.3	0.000903	0.000903	0.00000459	0.00691	0.00126	0.0371	0.0183	0.00000523	17.6	0.0000226	0.000642	0.000202	0.000814	0.0482	0.0000107	2.68	4.22	0.0369	0.00104	8.78	0.00255	0.0414	0.000207	0.00029	0.000109	0.151	0.00000207	0.00072	0.000533	0.00175	
2051 Jul	85.1	0.0412	0.0825	0.00202	17.2	0.0378	24.1	0.000914	0.000914	0.00000464	0.00693	0.00124	0.0357	0.0178	0.00000525	17	0.0000225	0.000616	0.000193	0.000803	0.0474	0.0000107	2.58	4.03	0.035	0.000986	8.45	0.00246	0.0414	0.000196	0.000287	0.000106	0.145	0.00000208	0.000685	0.000525	0.00177	
2051 Aug	84.8	0.0416	0.081	0.00201	17.2	0.039	23.9	0.000927	0.000927	0.00000477	0.00693	0.00125	0.0356	0.0179	0.00000531	17.1	0.0000219	0.000611	0.00019	0.000814	0.0474	0.0000108	2.58	4.01	0.0343	0.00099	8.4	0.00246	0.0419	0.00019	0.00028	0.000105	0.145	0.0000021	0.000679	0.000506	0.00176	
2051 Sep	84.2	0.0445	0.0793	0.00198	17.1	0.0397	23.9	0.00092	0.00092	0.00000466	0.00692	0.00125	0.0355	0.0178	0.00000527	17.1	0.0000214	0.000606	0.000186	0.000816	0.0466	0.0000108	2.56	3.99	0.0332	0.001	8.3	0.00243	0.0419	0.000178	0.00027	0.000104	0.144	0.00000208	0.000676	0.000484	0.00171	
2051 Oct	82.5	0.0512	0.0756	0.00191	16.9	0.0407	23.6	0.000892	0.000892	0.00000452	0.00686	0.00122	0.035	0.0173	0.00000512	16.8	0.0000205	0.000591	0.000176	0.000816	0.0447	0.0000105	2.51	3.91	0.0306	0.00102	8.06	0.00237	0.0416	0.000154	0.000247	0.0001	0.141	0.00000202	0.000667	0.000438	0.00159	
2051 Nov	82.9	0.0522	0.0757	0.00191	16.9	0.041	23.8	0.000892	0.000892	0.00000453	0.00688	0.00122	0.0352	0.0174	0.00000513	16.9	0.0000205	0.000594	0.000175	0.00082	0.0447	0.0000105	2.52	3.93	0.0305	0.00103	8.08	0.00238	0.0417	0.000152	0.000246	0.0001	0.142	0.00000203	0.000672	0.000435	0.00158	
2051 Dec	83	0.0522	0.076	0.00191	17	0.0411	23.9	0.000892	0.000892	0.00000453	0.00689	0.00122	0.0353	0.0174	0.00000513	16.9	0.0000205	0.000595	0.000176	0.000821	0.0447	0.0000105	2.53	3.94	0.0305	0.00104	8.1	0.00239	0.0417	0.000152	0.000247	0.000101	0.142	0.00000203	0.000675	0.000435	0.00158	
2052 Jan	83.1	0.0522	0.076	0.

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2054 Dec	103	0.0572	0.0747	0.00189	19.2	0.0458	30.7	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0431	0.0248	0.00000563	23.3	0.000023	0.000773	0.000298	0.000999	0.0622	0.0000118	3.26	5.37	0.0536	0.00127	8.78	0.00302	0.0466	0.000334	0.000303	0.000136	0.193	0.00000222	0.000856	0.000646	0.00173	
2055 Jan	103	0.0572	0.0748	0.00189	19.2	0.0459	30.8	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0432	0.0248	0.00000563	23.4	0.000023	0.000774	0.000298	0.000999	0.0622	0.0000118	3.26	5.38	0.0536	0.00127	8.79	0.00302	0.0466	0.000334	0.000303	0.000136	0.193	0.00000222	0.000857	0.000646	0.00173	
2055 Feb	103	0.0572	0.0748	0.00189	19.2	0.0459	30.8	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0432	0.0248	0.00000563	23.4	0.000023	0.000774	0.000298	0.001	0.0622	0.0000118	3.26	5.38	0.0536	0.00127	8.79	0.00302	0.0466	0.000334	0.000303	0.000136	0.193	0.00000222	0.000857	0.000646	0.00173	
2055 Mar	103	0.0572	0.0749	0.00189	19.2	0.0459	30.8	0.000954	0.000954	0.00000486	0.00725	0.00155	0.0432	0.0248	0.00000563	23.4	0.000023	0.000775	0.000298	0.001	0.0622	0.0000118	3.26	5.38	0.0536	0.00127	8.79	0.00303	0.0466	0.000335	0.000303	0.000136	0.193	0.00000222	0.000858	0.000646	0.00173	
2055 Apr	103	0.0574	0.0751	0.0019	19.3	0.046	30.9	0.000957	0.000957	0.00000487	0.00727	0.00155	0.0434	0.0249	0.00000565	23.4	0.0000231	0.000777	0.000299	0.001	0.0624	0.0000118	3.27	5.4	0.0538	0.00128	8.82	0.00303	0.0467	0.000335	0.000304	0.000137	0.194	0.00000223	0.00086	0.000648	0.00174	
2055 May	104	0.058	0.0759	0.00192	19.5	0.0465	31.3	0.000967	0.000967	0.00000492	0.00735	0.00157	0.0439	0.0252	0.00000571	23.7	0.0000233	0.000786	0.000302	0.00101	0.0631	0.0000121	3.31	5.46	0.0544	0.00129	8.91	0.00307	0.0472	0.000339	0.000307	0.000138	0.196	0.00000225	0.00087	0.000655	0.00176	
2055 Jun	94	0.0461	0.0681	0.0018	17	0.0425	29	0.000923	0.000923	0.00000047	0.00708	0.0014	0.0415	0.0213	0.00000544	20.4	0.0000231	0.000726	0.000245	0.000897	0.0542	0.0000113	3.03	4.88	0.0449	0.00119	7.86	0.00285	0.0434	0.000263	0.000305	0.000125	0.175	0.00000215	0.00082	0.000588	0.00175	
2055 Jul	89.5	0.0419	0.0639	0.00177	16.2	0.0411	27.3	0.00093	0.00093	0.00000473	0.00708	0.00135	0.0395	0.0201	0.00000543	19.2	0.000023	0.000687	0.000227	0.00087	0.0521	0.0000112	2.88	4.58	0.0414	0.00112	7.47	0.00272	0.043	0.00024	0.0003	0.000118	0.164	0.00000214	0.000772	0.000568	0.00178	
2055 Aug	91.3	0.0429	0.0648	0.00181	16.6	0.0424	27.7	0.00096	0.00096	0.00000488	0.00725	0.00139	0.0402	0.0206	0.00000559	19.7	0.0000234	0.0007	0.000231	0.000896	0.0535	0.0000115	2.94	4.66	0.0421	0.00114	7.63	0.00277	0.0443	0.000244	0.000305	0.000121	0.168	0.00000221	0.000784	0.000575	0.00182	
2055 Sep	90.4	0.044	0.0632	0.00179	16.5	0.0428	27.3	0.000962	0.000962	0.00000488	0.00724	0.00138	0.0397	0.0205	0.00000558	19.6	0.0000229	0.000689	0.000227	0.000896	0.0529	0.0000115	2.9	4.6	0.0411	0.00113	7.54	0.00274	0.0444	0.000235	0.000296	0.000119	0.166	0.0000022	0.00077	0.000558	0.0018	
2055 Oct	90.7	0.045	0.0632	0.00179	16.5	0.0432	27.4	0.000965	0.000965	0.00000049	0.00729	0.00139	0.0399	0.0206	0.0000056	19.7	0.000023	0.000691	0.000227	0.000901	0.053	0.0000115	2.91	4.62	0.041	0.00114	7.55	0.00275	0.0447	0.000233	0.000296	0.000119	0.166	0.00000221	0.000773	0.000557	0.0018	
2055 Nov	91	0.0453	0.0635	0.00179	16.6	0.0434	27.6	0.000966	0.000966	0.00000491	0.0073	0.00139	0.0401	0.0206	0.00000561	19.7	0.000023	0.000695	0.000227	0.000903	0.0531	0.0000116	2.92	4.64	0.041	0.00115	7.57	0.00276	0.0448	0.000233	0.000297	0.00012	0.167	0.00000221	0.000778	0.000557	0.0018	
2055 Dec	91.2	0.0453	0.0636	0.0018	16.6	0.0435	27.7	0.000966	0.000966	0.00000491	0.00731	0.00139	0.0403	0.0206	0.00000561	19.8	0.000023	0.000697	0.000227	0.000904	0.0531	0.0000116	2.93	4.65	0.0411	0.00115	7.58	0.00276	0.0448	0.000233	0.000297	0.00012	0.167	0.00000222	0.000782	0.000557	0.0018	
2056 Jan	91.2	0.0453	0.0637	0.0018	16.6	0.0435	27.7	0.000966	0.000966	0.00000491	0.00731	0.00139	0.0403	0.0206	0.00000561	19.8	0.000023	0.000697	0.000228	0.000904	0.0531	0.0000116	2.93	4.65	0.0411	0.00115	7.59	0.00277	0.0448	0.000233	0.000297	0.00012	0.167	0.00000222	0.000782	0.000557	0.0018	
2056 Feb	91.3	0.0453	0.0637	0.0018	16.6	0.0435	27.7	0.000966	0.000966	0.00000491	0.00731	0.00139	0.0403	0.0206	0.00000561	19.8	0.000023	0.000697	0.000228	0.000904	0.0531	0.0000116	2.93	4.65	0.0411	0.00115	7.59	0.00277	0.0448	0.000233	0.000297	0.00012	0.168	0.00000222	0.000783	0.000557	0.0018	
2056 Mar	91.3	0.0453	0.0637	0.0018	16.6	0.0435	27.7	0.000966	0.000966	0.00000491	0.00731	0.00139	0.0403	0.0206	0.00000561	19.8	0.0000231	0.000698	0.000228	0.000904	0.0531	0.0000116	2.93	4.66	0.0411	0.00115	7.59	0.00277	0.0448	0.000233	0.000298	0.00012	0.168	0.00000222	0.000783	0.000557	0.0018	
2056 Apr	91.6	0.0455	0.0639	0.0018	16.7	0.0436	27.8	0.000969	0.000969	0.00000492	0.00733	0.0014	0.0405	0.0207	0.00000563	19.8	0.0000231	0.0007	0.000228	0.000907	0.0533	0.0000116	2.94	4.67	0.0412	0.00116	7.62	0.00278	0.045	0.000234	0.000298	0.000121	0.168	0.00000222	0.000785	0.000559	0.0018	
2056 May	93.2	0.0471	0.0634	0.00179	17.1	0.0432	27.7	0.000975	0.000975	0.00000495	0.00735	0.00144	0.04	0.0219	0.00000565	20.8	0.0000233	0.000705	0.000251	0.000932	0.0566	0.0000116	2.97	4.78	0.0452	0.00114	7.73	0.00279	0.0457	0.000271	0.0003	0.000123	0.172	0.00000223	0.000776	0.000599	0.00182	
2056 Jun	89.7	0.0471	0.0557	0.00162	17.1	0.038	24.3	0.000929	0.000929	0.00000471	0.00689	0.00143	0.0346	0.0238	0.0000053	21.7	0.0000223	0.000652	0.000298	0.000932	0.0622	0.0000108	2.77	4.62	0.0529	0.000981	7.42	0.00258	0.0447	0.000358	0.000284	0.000121	0.168	0.0000021	0.000666	0.000679	0.00174	
2056 Jul	91	0.0473	0.0561	0.00165	17.3	0.039	24.5	0.000963	0.000963	0.00000488	0.00711	0.00146	0.0351	0.0241	0.00000547	22	0.0000228	0.000659	0.0003	0.000956	0.0635	0.0000112	2.81	4.67	0.0532	0.000991	7.52	0.00262	0.0462	0.00036	0.00029	0.000122	0.17	0.00000217	0.000672	0.000688	0.0018	
2056 Aug	91.3	0.0474	0.0556	0.00166	17.4	0.0401	24.6	0.000981	0.000981	0.00000497	0.00717	0.00148	0.0353	0.0242	0.00000556	22.1	0.0000226	0.000659	0.000298	0.000969	0.0637	0.0000114	2.82	4.67	0.0526	0.001	7.54	0.00263	0.0469	0.000354	0.000287	0.000123	0.171	0.0000022	0.000672	0.000676	0.00181	
2056 Sep	93	0.049	0.0565	0.00169	17.7	0.0412	25.1	0.000998	0.000998	0.00000506	0.00731	0.00151	0.0362	0.0246	0.00000567	22.5	0.0000229	0.000673	0.000301	0.000987	0.0645	0.0000116	2.88	4.76	0.0531	0.00103	7.66	0.00268	0.0478	0.000355	0.000291	0.000125	0.174	0.00000224	0.000689	0.00068	0.00183	
2056 Oct	92.2	0.0507	0.0556	0.00167	17.4	0.0416	25.2	0.000986	0.000986	0.000005	0.00728	0.00149	0.0362	0.0242	0.00000561	22.2	0.0000226	0.000669	0.000293	0.000981	0.0632	0.0000115	2.86	4.73	0.0516	0.00104	7.55	0.00266	0.0475	0.000341	0.000284	0.000123	0.172	0.00000222	0.00069	0.000659	0.00179	
2056 Nov	92.5	0.0513	0.0557	0.00167	17.4	0.0419	25.5	0.000984	0.000984	0.00000499	0.0073	0.00149	0.0366	0.0242	0.00000561	22.2	0.0000226	0.000673	0.000292	0.000982	0.063	0.0000115	2.88	4.75	0.0514	0.00105	7.56	0.00268	0.0475	0.000337	0.000284	0.000124	0.173	0.00000222	0.000699	0.000655	0.00178	
2056 Dec	92.7	0.0513	0.0559	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0367	0.0242	0.00000561	22.3	0.0000226	0.000676	0.000292	0.000982	0.063	0.0000115	2.89	4.77	0.0514	0.00106	7.57	0.00269	0.0475	0.000337	0.000285	0.000124	0.174	0.00000222	0.000702	0.000656	0.00178	
2057 Jan	92.8	0.0514	0.0559	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0367	0.0242	0.00000561	22.3	0.0000226	0.000676	0.000292	0.000983	0.063	0.0000115	2.89	4.77	0.0514	0.00106	7.57	0.00269	0.0475	0.000337	0.000285	0.000124	0.174	0.00000222	0.000703	0.000656	0.00178	
2057 Feb	92.8	0.0514	0.0559	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.00000499	0.0073	0.00149	0.0367	0.0242	0.00000561	22.3	0.0000226	0.000676	0.000292	0.000983	0.063	0.0000115	2.89	4.77	0.0515	0.00106	7.57	0.00269	0.0475	0.000338	0.000285	0.000124	0.174	0.00000222	0.000703	0.000656	0.00178	
2057 Mar	92.9	0.0514	0.056	0.00167	17.5	0.042	25.6	0.000985	0.000985	0.000005	0.00731	0.00149	0.0368	0.0242	0.00000562	22.3	0.0000227	0.000677	0.000293	0.000984	0.063	0.0000115	2.89	4.78	0.0515	0.00106	7.58	0.00269	0.0476	0.000338	0.000285	0.000124	0.174	0.00000222	0.000704	0.000656	0.00179	
2057 Apr	93.2	0.0516	0.0562	0.00168	17.5	0.0422	25.7	0.000989	0.000989	0.00000501	0.00733	0.0015	0.0369	0.0243	0.00000564	22.4	0.0000227	0.000679	0.000294	0.000987	0.0632	0.0000116	2.9	4.79	0.0517	0.00106	7.61	0.0027	0.0477	0.000339	0.000286	0.000125	0.174	0.00000223	0.000706	0.000658	0.00179	
2057 May	94.5	0.0525	0.0566	0.00169	17.8	0.0425	25.9	0.001	0.001	0.00000508	0.00742	0.00152	0.0371	0.0249	0.00000571	22.8	0.000023	0.000687	0.000302	0.001	0.0648	0.0000117	2.94	4.86	0.0531	0.00107	7.71	0.00273	0.0485	0.000351	0.00029	0.000126	0.177	0.00000226	0.00071	0.000675	0.00182	
2057 Jun	87.4	0.046	0.0498	0.00155	16.3	0.0379	23.4	0.000947	0.000947	0.00000048	0.00703	0.00142	0.0338	0.0235	0.00000536	21.4	0.0000224	0.000635	0.000291	0.000933	0.0621	0.000011	2.71	4.5	0.0515	0.000951	7	0.00253	0.0457	0.000348	0.000282	0.000118	0.164	0.00000212	0.000641	0.000673	0.00177	
2057 Jul	86.3	0.0444	0.0487	0.00156	16.1	0.0379	22.9	0.000966	0.000966	0.00000489	0.00714	0.00142	0.0333	0.0231	0.00000544	21.1	0.0000227	0.000625	0.000283	0.000932	0.0616	0.0000111	2.67	4.41	0.0499	0.000932	6.91	0.0025	0.0462	0.000337	0.000283	0.000116	0.161	0.00000215	0.000628	0.000667	0.00181	
2057 Aug	91	0.0467	0.0513	0.00164	17	0.0403	24.2	0.00102	0.00102	0.00000516	0.00752	0.0015	0.0353	0.0243	0.00000575	22.2	0.0000238	0.00066	0.000297	0.000983	0.0648	0.0000117	2.82	4.65	0.0524	0.000987	7.27	0.00264	0.0487	0.000352	0.000298	0.000123	0.17	0.00000227	0.000664	0.000697	0.00191	
2057 Sep	92.9	0.048	0.0523	0.00167	17.2	0.0415	25.1	0.00103	0.00103	0.00000523	0.00764	0.00152	0.0365	0.0246	0.00000584	22.6	0.0000241	0.000678	0.000299	0.000999	0.0653	0.0000119	2.89	4.76	0.0528	0.00103	7.39	0.00271	0.0493	0.000352	0.000302	0.000125	0.174	0.00000231	0.000689	0.000699	0.00192	
2057 Oct	94	0.0493	0.053	0.00167	17.2	0.0423	26	0.00103	0.00103	0.0000052	0.00765	0.00153	0.0376	0.0246	0.00000584	22.6	0.0000241	0.000693	0.000297	0.001	0.0647	0.0000112	2.95	4.85	0.0525	0.00107	7.42	0.00276	0.0492	0.000344	0.000304	0.000127	0.177	0.00000231	0.000717	0.00069	0.00191	
2057 Nov	94.8	0.0496	0.0535	0.00168	17.3	0.0427	26.5	0.00103	0.00103	0.00000521	0.00767	0.00153	0.0382	0.0247	0.00000585	22.7	0.0000243	0.000702	0.000297	0.001	0.0647	0.0000112	2.98	4.91	0.0526	0.00109	7.45	0.00279	0.0493	0.000344	0.000306	0.000128	0.178	0.00000232	0.00073	0.000691	0.00191	
2057 Dec	95	0.0496	0.0536	0.00168	17.3	0.0428	26.6	0.00103	0.00103	0.00000521	0.00768	0.00153	0.0384	0.0247	0.00000586	22.8	0.0000243	0.000704	0.000297	0.001	0.0647	0.0000112	2.99	4.92	0.0527	0.00109	7.46	0.0028	0.0493	0.000344	0.000307	0.000128	0.179	0.00000232	0.000734	0.000691	0.00191	
2058 Jan	95.1	0.0496	0.0537	0.00168	17.3	0.0429	26.6	0.00103	0.00103	0.00000521	0.00768	0.00153	0.0384	0.0247	0.00000586	22.8	0.0000243	0.000705	0.000297	0.00101	0.0647	0.0000121	3	4.93	0.0527	0.00109	7.47	0.0028	0.0493	0.000344	0.000307	0.000128	0.179	0.00000232	0.000735	0.000691	0.00191	
2058 Feb	95.1	0.0496	0.0537	0.00168	17.3	0.0429	26.6	0.00103	0.00103	0.00000521	0.00768	0.00154	0.0384	0.0247	0.00000586	22.8	0.0000243	0.000706	0.000298	0.00101	0.0647	0.0000121	3	4.93	0.0527	0.00109	7.47	0.0028	0.0493	0.000344	0.000307	0.000128	0.179	0.00000232	0.000736	0.000691	0.00191	
2058 Mar	95.1	0.0496	0.0537	0.00168	17.3	0.0429	26.7	0.00103	0.00103	0.00000521	0.00768	0.00154	0.0385	0.0247	0.00000586	22.8	0.0000243	0.000706	0.000298	0.00101	0.0647	0.0000121	3	4.93	0.0527	0.00109	7.47	0.0028	0.0493	0.000344	0.000307	0.000128	0.179	0.00000232	0.000736	0.000691	0.00191	
2058 Apr	95.3	0.0497	0.0539	0.00169	17.4	0.043	26.7	0.00103	0.00103	0.00000522	0.0077	0.00154	0.0385	0.0247	0.00000587	22.8	0.0000244	0.000707	0.000298	0.00101	0.0649	0.0000121	3	4.94	0.0529	0.0011	7.49	0.00281	0.0494	0.000345	0.000308	0.000129	0.18	0.00000232	0.000738	0.000693	0.00192	
2058 May	103	0.0519	0.0575	0.00172	18.1	0.045	30.3	0.00102	0.00102	0.0000052	0.00775	0.00162	0.0428	0.0264	0.00000596	24.4	0.0000253	0.000784	0.000325	0.00104	0.0679	0.0000124	3.3	5.48	0.0584	0.00123	7.85	0.00308	0.0497	0.000381	0.000329	0.000141	0.198	0.00000235	0.00084	0.000737	0.00193	
2058 Jun	105	0.0504	0.0559	0.00159	18.2	0.0424	32.4	0.00092	0.00092	0.00000469	0.00704	0.00162	0.0441	0.0276	0.0000055	25.4	0.0000245	0.000826	0.000361	0.00102	0.0694	0.0000115	3.45	5.83	0.066	0.00127	7.73	0.00318	0.0455	0.000445	0.000334	0.000149	0.209	0.00000217	0.000896	0.000787	0.00178	
2058 Jul	105	0.0497	0.0554	0.00161	18.2	0.0426	31.9	0.000943	0.000943	0.00000048	0.00717	0.00162	0.0437	0.0274	0.0000056	25.3	0.0000248	0.000817	0.000356	0.00103	0.0695	0.0000117	3.42	5.76	0.065	0.00126	7.72	0.00316	0.0463	0.000438	0.000336	0.000147	0.207	0.00000221	0.000883	0.000786	0.00183	
2058 Aug	107	0.0509	0.0567	0.00166	18.6	0.0442	32.8	0.000974	0.000974	0.00000496	0.00738	0.00167	0.045	0.0281	0.00000579	25.9	0.0000253	0.000839	0.000363	0.00106	0.0712	0.0000121	3.52	5.92	0.0663	0.0013	7.92	0.00325	0.0477	0.000445	0.000343	0.000151	0.213	0.00000228	0.000908	0.000799	0.00187	
2058 Sep	107	0.0526	0.0559	0.00165	18.5	0.0449	32.7	0.000975	0.000975	0.00000496	0.00741	0.00166	0.045	0.0278	0.00000578	25.8	0.0000251	0.000835	0.000356	0.00106	0.0703	0.0000121	3.5	5.88	0.0648	0.00131	7.85	0.00323	0.0479	0.000431	0.000337	0.00015	0.211	0.00000228	0.000907	0.000779	0.00185	
2058 Oct	107	0.0542	0.0556	0.00164	18.4	0.0455	33	0.000971	0.000971	0.00000494	0.00744	0.00165	0.0454	0.0276	0.00000577	25.6	0.000025	0.000838	0.00035	0.00106	0.0694	0.0000121	3.51	5.88	0.0637	0.00133	7.81	0.00324	0.048	0.000418	0.000334	0.000149	0.211	0.00000228	0.000916	0.000763	0.00183	
2058 Nov	107	0.0545	0.0558	0.00164	18.4	0.0458	33.2	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0457	0.0277	0.00000579	25.7	0.0000251	0.000842	0.000351	0.00106	0.0695	0.0000121	3.53	5.91	0.0637	0.00134	7.83	0.00326	0.0481	0.000418	0.000335	0.00015	0.212	0.00000228	0.000922	0.000763	0.00183	
2058 Dec	107	0.0546	0.0559	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0458	0.0277	0.00000579	25.7	0.0000251	0.000843	0.000351	0.00106	0.0695	0.0000121	3.53	5.92	0.0638	0.00134	7.83	0.00326	0.0481	0.000418	0.000335	0.00015	0.212	0.00000228	0.000924	0.000763	0.00183	
2059 Jan	107	0.0546	0.0559	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0458	0.0277	0.00000579	25.7	0.0000251	0.000843	0.000351	0.00106	0.0695	0.0000121	3.53	5.92	0.0638	0.00134	7.83	0.00326	0.0481	0.000418	0.000336	0.00015	0.213	0.00000228	0.000925	0.000763	0.00183	
2059 Feb	107	0.0546	0.0559	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0459	0.0277	0.00000579	25.7	0.0000251	0.000844	0.000351	0.00106	0.0695	0.0000121	3.54	5.92	0.0638	0.00134	7.84	0.00326	0.0481	0.000418	0.000336	0.00015	0.213	0.00000228	0.000925	0.000763	0.00183	
2059 Mar	107	0.0546	0.0559	0.00165	18.5	0.0458	33.3	0.000972	0.000972	0.00000495	0.00746	0.00166	0.0459	0.0277	0.00000579	25.7	0.0000251	0.000844	0.000351	0.00106	0.0695	0.0000121	3.54	5.92	0.0638	0.00134	7.84	0.00326	0.0481	0.000418	0.000336	0.00015	0.213	0.00000228	0.000925	0.000763	0.00183	
2059 Apr	108	0.0547	0.0561	0.00165	18.5	0.0459	33.4	0.000974	0.000974	0.00000496	0.00748	0.00166	0.046	0.0277	0.0000058	25.8	0.0000251	0.000846	0.000352	0.00106	0.0696	0.0000121	3.54	5.94	0.0639	0.00134	7.85	0.00327	0.0482	0.000419	0.000336	0.00015	0.213	0.00000229	0.000928	0.000765	0.00184	
2059 May	110	0.0558	0.0565	0.00166	18.8	0.0462	33.9	0.000982	0.000982	0.000005	0.00754	0.0017	0.0464	0.0286	0.00000585	26.5	0.0000254	0.00086	0.000366	0.00108	0.0717	0.0000123	3.6	6.07	0.0665	0.00136	7.98	0.00332	0.0488	0.00044	0.000341	0.000154	0.218	0.00000231	0.000938	0.000791	0.00186	
2059 Jun	110	0.0559	0.0544	0.00159	18.9	0.0444	33.3	0.000964	0.000964	0.00000491	0.00739	0.00172	0.0453	0.0298	0.00000574	27.3	0.0000254	0.000858	0.000393	0.00109	0.0751	0.0000121	3.59	6.14	0.0714	0.00132	7.93	0.0033	0.0487	0.000488	0.000342	0.000156	0.221	0.00000226	0.000916	0.000841	0.00185	
2059 Jul	115	0.058	0.0567	0.00167	19.7	0.

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2062 Jun	98.2	0.0524	0.0401	0.00142	16.3	0.0442	30.6	0.000944	0.000944	0.00000481	0.00732	0.00156	0.0426	0.0256	0.00000557	23.9	0.0000239	0.000779	0.000317	0.00101	0.0644	0.0000116	3.27	5.44	0.0571	0.00125	6.57	0.00302	0.0467	0.000366	0.000309	0.000138	0.196	0.0000022	0.000849	0.000697	0.00175	
2062 Jul	90.9	0.0456	0.037	0.00139	15	0.0418	28	0.000942	0.000942	0.00000479	0.00723	0.00146	0.0397	0.0234	0.00000549	21.8	0.0000235	0.000718	0.000282	0.000948	0.0599	0.0000113	3.02	4.95	0.0506	0.00114	6.1	0.00282	0.0455	0.00032	0.000301	0.000127	0.179	0.00000217	0.000778	0.000651	0.00177	
2062 Aug	90.3	0.0454	0.0362	0.00139	14.9	0.0428	27.7	0.000955	0.000955	0.00000485	0.00722	0.00146	0.0395	0.0232	0.00000554	21.7	0.0000229	0.00071	0.000276	0.000953	0.0595	0.0000115	3	4.9	0.0493	0.00114	6.06	0.0028	0.0458	0.000309	0.000294	0.000126	0.177	0.00000219	0.00077	0.000629	0.00176	
2062 Sep	88.4	0.0476	0.0347	0.00136	14.6	0.0431	27.1	0.000943	0.000943	0.00000479	0.00717	0.00144	0.0389	0.0227	0.00000547	21.3	0.0000222	0.000693	0.000264	0.000943	0.0576	0.0000113	2.94	4.78	0.0468	0.00114	5.92	0.00273	0.0455	0.000287	0.00028	0.000123	0.173	0.00000216	0.000755	0.000594	0.0017	
2062 Oct	84.9	0.0536	0.0327	0.00131	14.2	0.0438	26.8	0.000893	0.000893	0.00000454	0.00698	0.00136	0.0382	0.021	0.00000521	20	0.0000208	0.000666	0.000233	0.000913	0.0522	0.0000107	2.83	4.57	0.0406	0.00116	5.66	0.00263	0.0437	0.000231	0.000251	0.000115	0.165	0.00000206	0.000748	0.000508	0.00153	
2062 Nov	85.2	0.0543	0.0327	0.00131	14.3	0.0442	27	0.000894	0.000894	0.00000454	0.00701	0.00136	0.0384	0.021	0.00000522	20.1	0.0000208	0.000668	0.000233	0.000916	0.0521	0.0000108	2.84	4.58	0.0404	0.00117	5.67	0.00264	0.0439	0.000228	0.000251	0.000115	0.166	0.00000206	0.000752	0.000505	0.00153	
2062 Dec	85.3	0.0544	0.0328	0.00131	14.3	0.0442	27.1	0.000894	0.000894	0.00000454	0.00701	0.00136	0.0386	0.021	0.00000522	20.1	0.0000208	0.000671	0.000233	0.000916	0.0521	0.0000108	2.85	4.6	0.0405	0.00117	5.67	0.00264	0.0439	0.000228	0.000252	0.000115	0.166	0.00000206	0.000755	0.000505	0.00153	
2063 Jan	85.4	0.0544	0.0328	0.00131	14.3	0.0443	27.1	0.000894	0.000894	0.00000454	0.00701	0.00136	0.0386	0.021	0.00000522	20.1	0.0000209	0.000671	0.000233	0.000916	0.0521	0.0000108	2.85	4.6	0.0405	0.00118	5.67	0.00265	0.0439	0.000228	0.000252	0.000115	0.166	0.00000206	0.000757	0.000505	0.00153	
2063 Feb	85.4	0.0544	0.0328	0.00131	14.3	0.0443	27.1	0.000894	0.000894	0.00000454	0.00701	0.00136	0.0386	0.021	0.00000522	20.1	0.0000209	0.000672	0.000233	0.000917	0.0522	0.0000108	2.86	4.6	0.0405	0.00118	5.67	0.00265	0.0439	0.000228	0.000252	0.000115	0.166	0.00000206	0.000757	0.000505	0.00153	
2063 Mar	85.4	0.0544	0.0328	0.00131	14.3	0.0443	27.1	0.000894	0.000894	0.00000455	0.00701	0.00136	0.0387	0.021	0.00000522	20.1	0.0000209	0.000672	0.000233	0.000917	0.0522	0.0000108	2.86	4.6	0.0405	0.00118	5.67	0.00265	0.0439	0.000228	0.000252	0.000115	0.166	0.00000206	0.000757	0.000505	0.00153	
2063 Apr	85.6	0.0545	0.0329	0.00131	14.3	0.0444	27.2	0.000896	0.000896	0.00000455	0.00703	0.00137	0.0387	0.021	0.00000523	20.1	0.0000209	0.000673	0.000233	0.000918	0.0523	0.0000108	2.86	4.61	0.0406	0.00118	5.68	0.00265	0.044	0.000229	0.000252	0.000116	0.167	0.00000207	0.000759	0.000506	0.00153	
2063 May	87.2	0.0554	0.0332	0.00132	14.8	0.044	27.1	0.000904	0.000904	0.00000459	0.00705	0.0014	0.0384	0.0221	0.00000527	20.9	0.0000211	0.000678	0.000253	0.00094	0.0552	0.0000109	2.89	4.7	0.044	0.00117	5.83	0.00267	0.0446	0.000261	0.000256	0.000118	0.17	0.00000208	0.000751	0.000543	0.00155	
2063 Jun	78.9	0.047	0.0298	0.00121	14.7	0.0346	20.9	0.000851	0.000851	0.00000431	0.00635	0.00132	0.0295	0.0226	0.0000048	20.4	0.0000198	0.000571	0.000288	0.000885	0.0589	0.00000965	2.46	4.14	0.0499	0.000863	5.64	0.00226	0.0417	0.000346	0.00024	0.000108	0.152	0.0000019	0.000564	0.000628	0.00153	
2063 Jul	76.4	0.0444	0.0289	0.00122	14.3	0.0339	19.9	0.000864	0.000864	0.00000437	0.0064	0.00129	0.0285	0.0218	0.00000484	19.7	0.0000199	0.000548	0.000274	0.000869	0.0575	0.0000967	2.37	3.95	0.0473	0.00082	5.51	0.00219	0.0418	0.000327	0.000239	0.000104	0.146	0.00000192	0.000536	0.000614	0.00156	
2063 Aug	79.5	0.046	0.03	0.00127	14.9	0.0357	20.7	0.000901	0.000901	0.00000456	0.00666	0.00134	0.0298	0.0227	0.00000505	20.4	0.0000206	0.000571	0.000283	0.000906	0.0597	0.0000101	2.47	4.11	0.0489	0.000859	5.72	0.00228	0.0436	0.000337	0.000247	0.000109	0.152	0.000002	0.00056	0.000633	0.00162	
2063 Sep	80.1	0.047	0.0298	0.00127	14.8	0.0368	21.3	0.000907	0.000907	0.00000459	0.0067	0.00135	0.0306	0.0226	0.00000509	20.5	0.0000205	0.000579	0.000279	0.000911	0.0591	0.0000102	2.51	4.16	0.0481	0.000889	5.72	0.00232	0.0438	0.000326	0.000246	0.000109	0.153	0.0000002	0.000575	0.000618	0.00161	
2063 Oct	79.9	0.0487	0.0292	0.00126	14.6	0.0375	21.6	0.000898	0.000898	0.00000455	0.00671	0.00134	0.0311	0.0223	0.00000506	20.4	0.0000203	0.000582	0.000272	0.000908	0.058	0.0000102	2.52	4.16	0.0468	0.000913	5.64	0.00232	0.0437	0.000312	0.000242	0.000109	0.153	0.0000002	0.000586	0.000598	0.00158	
2063 Nov	80.5	0.0491	0.0294	0.00126	14.6	0.0379	22	0.000897	0.000897	0.00000454	0.00673	0.00135	0.0316	0.0223	0.00000507	20.4	0.0000204	0.00059	0.000271	0.00091	0.0578	0.0000102	2.55	4.21	0.0467	0.000932	5.64	0.00235	0.0437	0.00031	0.000243	0.00011	0.155	0.00000201	0.000599	0.000596	0.00158	
2063 Dec	80.7	0.0491	0.0295	0.00126	14.7	0.038	22.2	0.000898	0.000898	0.00000455	0.00673	0.00135	0.0318	0.0224	0.00000507	20.5	0.0000204	0.000593	0.000271	0.000911	0.0579	0.0000102	2.56	4.23	0.0468	0.000937	5.65	0.00236	0.0437	0.00031	0.000244	0.00011	0.155	0.00000201	0.000603	0.000596	0.00158	
2064 Jan	80.8	0.0491	0.0295	0.00126	14.7	0.038	22.2	0.000898	0.000898	0.00000455	0.00673	0.00135	0.0319	0.0224	0.00000508	20.5	0.0000204	0.000594	0.000272	0.000911	0.0579	0.0000103	2.56	4.23	0.0468	0.000939	5.65	0.00236	0.0437	0.00031	0.000244	0.00011	0.156	0.00000201	0.000605	0.000596	0.00158	
2064 Feb	80.9	0.0492	0.0295	0.00126	14.7	0.0381	22.3	0.000898	0.000898	0.00000455	0.00674	0.00135	0.0319	0.0224	0.00000508	20.5	0.0000204	0.000594	0.000272	0.000911	0.0579	0.0000103	2.56	4.24	0.0468	0.00094	5.65	0.00237	0.0437	0.00031	0.000245	0.00011	0.156	0.00000201	0.000606	0.000596	0.00158	
2064 Mar	80.9	0.0492	0.0295	0.00126	14.7	0.0381	22.3	0.000899	0.000899	0.00000455	0.00674	0.00135	0.0319	0.0224	0.00000508	20.5	0.0000205	0.000595	0.000272	0.000912	0.0579	0.0000103	2.57	4.24	0.0469	0.000942	5.66	0.00237	0.0438	0.00031	0.000245	0.00011	0.156	0.00000201	0.000606	0.000597	0.00158	
2064 Apr	81.1	0.0493	0.0296	0.00126	14.7	0.0382	22.3	0.0009	0.0009	0.00000456	0.00676	0.00136	0.032	0.0224	0.00000509	20.5	0.0000205	0.000597	0.000272	0.000914	0.058	0.0000103	2.57	4.25	0.047	0.000944	5.67	0.00237	0.0438	0.000311	0.000245	0.000111	0.156	0.00000202	0.000608	0.000598	0.00158	
2064 May	85.8	0.0506	0.0309	0.00127	15.3	0.0389	24.1	0.000901	0.000901	0.00000457	0.00678	0.00142	0.0339	0.024	0.00000515	21.9	0.0000211	0.00064	0.0003	0.000947	0.0616	0.0000105	2.75	4.59	0.0524	0.001	5.9	0.00252	0.0443	0.000353	0.000259	0.000119	0.168	0.00000204	0.000656	0.000648	0.0016	
2064 Jun	89.1	0.049	0.0317	0.00123	16	0.0365	25	0.000861	0.000861	0.00000437	0.00643	0.00146	0.0341	0.0259	0.00000497	23.3	0.0000212	0.000668	0.000344	0.000957	0.0663	0.0000101	2.85	4.88	0.061	0.000998	6.09	0.0026	0.0429	0.000431	0.000271	0.000126	0.178	0.00000196	0.000674	0.000729	0.00158	
2064 Jul	90	0.0489	0.0318	0.00126	16.1	0.0374	25	0.000892	0.000892	0.00000453	0.00662	0.00149	0.0344	0.0262	0.00000513	23.5	0.0000216	0.000672	0.000345	0.000977	0.0673	0.0000104	2.88	4.91	0.0609	0.001	6.15	0.00263	0.0443	0.00043	0.000276	0.000127	0.18	0.00000203	0.000676	0.000734	0.00163	
2064 Aug	90.2	0.0486	0.0315	0.00127	16.1	0.0386	25.2	0.000909	0.000909	0.00000461	0.00667	0.0015	0.0348	0.0262	0.00000522	23.6	0.0000214	0.000674	0.000341	0.000989	0.0674	0.0000106	2.89	4.92	0.0602	0.00102	6.16	0.00265	0.0449	0.000423	0.000274	0.000128	0.18	0.00000206	0.000682	0.000721	0.00164	
2064 Sep	89.5	0.0496	0.0305	0.00125	15.7	0.0401	25.8	0.000901	0.000901	0.00000457	0.00664	0.00148	0.0358	0.0254	0.00000519	23.2	0.0000208	0.000678	0.000324	0.000976	0.0646	0.0000106	2.9	4.9	0.0571	0.00106	6.01	0.00266	0.0444	0.00039	0.000266	0.000127	0.179	0.00000205	0.0007	0.000675	0.00159	
2064 Oct	91.3	0.0509	0.0308	0.00126	15.7	0.0413	27	0.000902	0.000902	0.00000458	0.00672	0.0015	0.0373	0.0255	0.00000524	23.4	0.0000211	0.0007	0.000323	0.000985	0.0643	0.0000108	2.99	5.04	0.057	0.00111	6.03	0.00274	0.0447	0.000383	0.000271	0.000129	0.183	0.00000207	0.000736	0.00067	0.00159	
2064 Nov	92.2	0.0511	0.0311	0.00126	15.8	0.0418	27.5	0.000904	0.000904	0.00000459	0.00675	0.00151	0.038	0.0256	0.00000527	23.5	0.0000213	0.00071	0.000324	0.00099	0.0645	0.0000108	3.03	5.1	0.0573	0.00113	6.06	0.00278	0.0448	0.000384	0.000274	0.000131	0.185	0.00000208	0.000751	0.000672	0.0016	
2064 Dec	92.3	0.0511	0.0312	0.00126	15.8	0.0418	27.6	0.000904	0.000904	0.00000459	0.00675	0.00151	0.0381	0.0257	0.00000527	23.5	0.0000213	0.000712	0.000324	0.00099	0.0645	0.0000109	3.04	5.11	0.0574	0.00113	6.06	0.00278	0.0448	0.000384	0.000274	0.000131	0.186	0.00000208	0.000754	0.000673	0.0016	
2065 Jan	92.4	0.0511	0.0312	0.00126	15.8	0.0419	27.6	0.000904	0.000904	0.00000459	0.00675	0.00151	0.0382	0.0257	0.00000527	23.6	0.0000213	0.000713	0.000324	0.000991	0.0645	0.0000109	3.04	5.12	0.0574	0.00114	6.06	0.00279	0.0448	0.000384	0.000275	0.000131	0.186	0.00000208	0.000756	0.000673	0.0016	
2065 Feb	92.4	0.0511	0.0312	0.00126	15.8	0.0419	27.7	0.000904	0.000904	0.00000459	0.00675	0.00151	0.0382	0.0257	0.00000527	23.6	0.0000213	0.000714	0.000324	0.000991	0.0645	0.0000109	3.04	5.12	0.0574	0.00114	6.06	0.00279	0.0448	0.000384	0.000275	0.000131	0.186	0.00000208	0.000756	0.000673	0.0016	
2065 Mar	92.5	0.0512	0.0313	0.00126	15.8	0.0419	27.7	0.000905	0.000905	0.0000046	0.00676	0.00151	0.0383	0.0257	0.00000528	23.6	0.0000213	0.000715	0.000325	0.000992	0.0646	0.0000109	3.05	5.13	0.0575	0.00114	6.07	0.00279	0.0448	0.000385	0.000275	0.000131	0.186	0.00000208	0.000757	0.000674	0.0016	
2065 Apr	92.9	0.0514	0.0314	0.00127	15.8	0.0421	27.8	0.000908	0.000908	0.00000462	0.00678	0.00152	0.0384	0.0258	0.0000053	23.7	0.0000214	0.000717	0.000326	0.000995	0.0648	0.0000109	3.06	5.15	0.0577	0.00114	6.09	0.0028	0.045	0.000386	0.000276	0.000132	0.187	0.00000209	0.00076	0.000676	0.00161	
2065 May	97	0.0528	0.0323	0.00127	16.3	0.0428	29.3	0.000916	0.000916	0.00000466	0.00687	0.00158	0.0401	0.0272	0.00000538	24.9	0.0000221	0.000756	0.00035	0.00103	0.0682	0.0000111	3.21	5.45	0.0623	0.00119	6.28	0.00294	0.0458	0.000422	0.000289	0.000139	0.197	0.00000212	0.000801	0.000721	0.00164	
2065 Jun	95.6	0.0498	0.0316	0.00123	16.2	0.04	28.4	0.000886	0.000886	0.00000451	0.00664	0.00155	0.0386	0.0273	0.00000522	24.8	0.0000221	0.000742	0.000361	0.001	0.069	0.0000108	3.15	5.38	0.0647	0.00114	6.19	0.00287	0.0445	0.000449	0.000292	0.000138	0.195	0.00000205	0.000774	0.000754	0.00163	
2065 Jul	98.6	0.0505	0.0328	0.00129	16.6	0.0416	29.4	0.00093	0.00093	0.00000473	0.00696	0.00161	0.0401	0.028	0.00000545	25.5	0.0000231	0.000767	0.000367	0.00104	0.0709	0.0000113	3.25	5.54	0.0658	0.00117	6.39	0.00298	0.0463	0.000455	0.000305	0.000142	0.201	0.00000215	0.000802	0.000775	0.00172	
2065 Aug	102	0.0522	0.0339	0.00134	17.2	0.0438	30.8	0.000968	0.000968	0.00000492	0.00722	0.00167	0.0421	0.029	0.00000568	26.4	0.0000239	0.0008	0.000378	0.00108	0.0731	0.0000117	3.39	5.76	0.0677	0.00123	6.61	0.00311	0.0481	0.000465	0.000316	0.000148	0.209	0.00000224	0.000841	0.000794	0.00178	
2065 Sep	101	0.0542	0.0324	0.0013	16.6	0.0448	31	0.000946	0.000946	0.00000481	0.00717	0.00163	0.0425	0.0278	0.00000558	25.6	0.0000232	0.000794	0.000355	0.00106	0.0695	0.0000116	3.36	5.67	0.0635	0.00126	6.37	0.00308	0.0473	0.000425	0.000304	0.000144	0.205	0.0000022	0.000851	0.000739	0.00171	
2065 Oct	97.4	0.0587	0.0302	0.00125	15.7	0.0462	31.3	0.000906	0.000906	0.00000462	0.0071	0.00156	0.043	0.0259	0.0000054	24.2	0.0000223	0.000781	0.000317	0.00102	0.0635	0.0000113	3.3	5.52	0.0564	0.00131	6	0.00302	0.046	0.000356	0.000283	0.000138	0.199	0.00000213	0.000866	0.000649	0.00158	
2065 Nov	97.3	0.0597	0.03	0.00124	15.6	0.0466	31.5	0.000904	0.000904	0.00000461	0.00712	0.00155	0.0433	0.0257	0.00000539	24.1	0.0000222	0.000782	0.000312	0.00102	0.0628	0.0000113	3.3	5.51	0.0554	0.00133	5.97	0.00303	0.046	0.000346	0.000281	0.000137	0.198	0.00000212	0.000872	0.000637	0.00156	
2065 Dec	97.4	0.0597	0.0301	0.00125	15.6	0.0467	31.6	0.000904	0.000904	0.00000461	0.00713	0.00155	0.0434	0.0257	0.00000539	24.1	0.0000222	0.000783	0.000313	0.00102	0.0628	0.0000113	3.31	5.52	0.0554	0.00133	5.97	0.00303	0.046	0.000346	0.000282	0.000137	0.199	0.00000213	0.000875	0.000637	0.00156	
2066 Jan	97.5	0.0597	0.0301	0.00125	15.6	0.0467	31.7	0.000904	0.000904	0.00000461	0.00713	0.00155	0.0435	0.0257	0.0000054	24.2	0.0000222	0.000785	0.000313	0.00102	0.0628	0.0000113	3.32	5.53	0.0555	0.00133	5.97	0.00304	0.046	0.000346	0.000282	0.000137	0.199	0.00000213	0.000877	0.000637	0.00156	
2066 Feb	97.6	0.0598	0.0301	0.00125	15.6	0.0468	31.7	0.000904	0.000904	0.00000461	0.00713	0.00155	0.0436	0.0257	0.0000054	24.2	0.0000223	0.000786	0.000313	0.00102	0.0628	0.0000113	3.32	5.54	0.0555	0.00133	5.98	0.00304	0.0461	0.000346	0.000282	0.000138	0.199	0.00000213	0.000878	0.000637	0.00157	
2066 Mar	97.8	0.0599	0.0302	0.00125	15.7	0.0469	31.8	0.000906	0.000906	0.00000462	0.00714	0.00156	0.0436	0.0257	0.00000541	24.2	0.0000223	0.000787	0.000313	0.00102	0.0629	0.0000113	3.33	5.55	0.0556	0.00134	5.99	0.00305	0.0461	0.000347	0.000283	0.000138	0.199	0.00000213	0.00088	0.000638	0.00157	
2066 Apr	98	0.06	0.0302	0.00125	15.7	0.047	31.9	0.000908	0.000908	0.00000463	0.00716	0.00156	0.0437	0.0258	0.00000542	24.3	0.0000224	0.000789	0.000314	0.00103	0.0631	0.0000114	3.33	5.56	0.0557	0.00134	6	0.00305	0.0463	0.000348	0.000284	0.000138	0.2	0.00000214	0.000882	0.00064	0.00157	
2066 May	99	0.0606	0.0305	0.00126	15.9	0.0473	32.1	0.000917	0.000917	0.00000467	0.00723	0.00158	0.044	0.0262	0.00000547	24.6	0.0000226	0.000796	0.000319	0.00104	0.064	0.0000115	3.36	5.62	0.0567	0.00135	6.07	0.00308	0.0468	0.000355	0.000286	0.00014	0.202	0.00000216	0.000887	0.00065	0.00159	
2066 Jun	88.6	0.0487	0.0284	0.00122	14.5	0.0408	27.6	0.00088	0.00088	0.00000447	0.00681	0.00143	0.0384	0.0235	0.00000516	21.9	0.0000219	0.000702	0.00029	0.000936	0.0593	0.0000106	2.97	4.91	0.0517	0.00114	5.56	0.00274	0.0434	0.000332	0.000278	0.000125	0.178	0.00000204	0.000762	0.000634	0.0016	
2066 Jul	89.9	0.0481	0.0289	0.00128	14.8	0.0419	27.7	0.000928	0.000928	0.00000471	0.00713	0.00146	0.0388	0.0238	0.00000554	22.1	0.0000229	0.000709	0.000289	0.000956	0.0605	0.0000111	3	4.94	0.0514	0.00114	5.67	0.00278	0.0452	0.000359	0.000289	0.000126	0.179	0.00000213	0.000767	0.000647	0.0017	
2066 Aug	93.1	0.0495	0.0298	0.00133	15.2	0.0438	28.8	0.000964	0.000964	0.0000049	0.00738	0.00152	0.0405	0.0245	0.00000562	22.9	0.0000235	0.000735	0.000297	0.000996	0.0624	0.0000115	3.12	5.12	0.0528	0.00119	5.86	0.00289	0.0469	0.000336	0.000298	0.000131	0.185	0.00000222	0.000798	0.000661	0.00176	
2066 Sep	93.4	0.0511	0.0294	0.00132	15.2	0.0447	29.2	0.000966	0.000966	0.00000491	0.00743	0.00152	0.0411	0.0244	0.00000563	22.9	0.0000234	0.00074	0.000293	0.001	0.0619	0.0000116	3.14	5.15	0.0519	0.00121	5.84	0.00291	0.0471	0.000325	0.000295	0.000131	0.186	0.00000222	0.000809	0.000647	0.00174	
2066 Oct	92.6	0.0536	0.0284	0.00129	14.9	0.0454	29.5	0.000949	0.000949	0.00000483	0.00741	0.0015	0.0414	0.0239	0.00000556	22.5	0.0000231	0.00074	0.000281	0.000992	0.06	0.0000115	3.13	5.12	0.0497	0.00124	5.7	0.0029	0.0468	0.000303	0.000287	0.000129	0.185	0.00000219	0.000819	0.000616	0.00169	
2066 Nov	93	0.0541	0.0284	0.00129	14.8	0.0459	29.9	0.000946	0.000946	0.00000481	0.00742	0.0015	0.0419	0.0238	0.00000556	22.5	0.0000231	0.000746	0.00028	0.000993	0.0596	0.0000115	3.15	5.16	0.0494	0.00126	5.68	0.00292	0.0467	0.000299	0.000287	0.00013	0.186	0.00000219	0.000831	0.00061	0.00168	
2066 Dec	93.2	0.0541	0.0284	0.00129	14.8	0.046	30	0.000947	0.000947	0.00000481	0.00742	0.0015	0.0421	0.0239	0.00000557	22.6	0.0000231	0.000749	0.00028	0.000994	0.0597	0.0000115	3.17	5.17	0.0495	0.00126	5.69	0.00293	0.0468	0.000299	0.000288	0.00013	0.187	0.0000022	0.000835	0.000611	0.00168

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116
2069 Dec	84.5	0.0537	0.0219	0.00118	13.6	0.0437	25.9	0.000934	0.000934
2070 Jan	84.5	0.0537	0.0219	0.00118	13.6	0.0437	26	0.000933	0.000933
2070 Feb	84.5	0.0537	0.0219	0.00118	13.6	0.0437	26	0.000933	0.000933
2070 Mar	84.6	0.0537	0.0219	0.00118	13.6	0.0437	26	0.000934	0.000934
2070 Apr	84.9	0.0539	0.022	0.00119	13.7	0.0439	26.1	0.000937	0.000937
2070 May	86.7	0.055	0.0226	0.00119	14.2	0.0435	26	0.000946	0.000946
2070 Jun	85.9	0.0531	0.0235	0.00117	15	0.039	23.7	0.00092	0.00092
2070 Jul	87.8	0.0536	0.0239	0.00121	15.2	0.0402	24.1	0.000956	0.000956
2070 Aug	89.1	0.0538	0.024	0.00123	15.4	0.0416	24.5	0.000982	0.000982
2070 Sep	87.7	0.056	0.0229	0.00121	15.1	0.0422	24.5	0.000968	0.000968
2070 Oct	85.7	0.0584	0.0217	0.00117	14.7	0.0425	24.2	0.00095	0.00095
2070 Nov	86	0.0587	0.0217	0.00117	14.7	0.0428	24.4	0.000949	0.000949
2070 Dec	86.1	0.0587	0.0217	0.00117	14.7	0.0428	24.5	0.000949	0.000949
2071 Jan	86.1	0.0587	0.0217	0.00117	14.7	0.0428	24.5	0.000949	0.000949
2071 Feb	86.1	0.0587	0.0217	0.00117	14.7	0.0428	24.5	0.000949	0.000949
2071 Mar	86.1	0.0587	0.0217	0.00117	14.7	0.0429	24.5	0.000949	0.000949
2071 Apr	86.3	0.0588	0.0218	0.00118	14.7	0.0429	24.6	0.000951	0.000951
2071 May	87.3	0.0592	0.0222	0.00117	15.1	0.042	24.2	0.000951	0.000951
2071 Jun	83.4	0.0537	0.0225	0.00114	15.2	0.0365	21.2	0.00091	0.00091
2071 Jul	83.4	0.0526	0.0227	0.00117	15.2	0.0368	21.1	0.000934	0.000934
2071 Aug	85.6	0.054	0.0231	0.0012	15.6	0.0383	21.6	0.000966	0.000966
2071 Sep	83.2	0.0552	0.0218	0.00117	15.1	0.0388	21.1	0.000953	0.000953
2071 Oct	81.9	0.0566	0.0211	0.00115	14.9	0.039	20.9	0.000942	0.000942
2071 Nov	81.5	0.058	0.0207	0.00115	14.8	0.0394	20.9	0.000941	0.000941
2071 Dec	81.6	0.058	0.0207	0.00115	14.8	0.0395	21	0.00094	0.00094
2072 Jan	81.6	0.058	0.0207	0.00115	14.8	0.0395	21	0.000941	0.000941
2072 Feb	81.7	0.058	0.0207	0.00115	14.8	0.0395	21	0.000941	0.000941
2072 Mar	81.7	0.058	0.0207	0.00115	14.8	0.0395	21	0.000941	0.000941
2072 Apr	81.9	0.0582	0.0207	0.00115	14.8	0.0396	21.1	0.000943	0.000943
2072 May	83	0.059	0.021	0.00117	15	0.0401	21.3	0.000956	0.000956
2072 Jun	77.1	0.0497	0.0197	0.00115	13.6	0.0375	20	0.000942	0.000942
2072 Jul	76.5	0.0474	0.0195	0.00117	13.3	0.0379	19.9	0.00096	0.00096
2072 Aug	75.9	0.0467	0.0191	0.00117	13.2	0.0393	20.1	0.000958	0.000958
2072 Sep	74.4	0.0477	0.0185	0.00115	13.1	0.0399	19.7	0.000948	0.000948
2072 Oct	72.2	0.0512	0.0178	0.00113	12.9	0.0399	19.1	0.000926	0.000926
2072 Nov	72.3	0.0519	0.0178	0.00113	12.9	0.0401	19.2	0.000924	0.000924
2072 Dec	72.4	0.0519	0.0178	0.00113	12.9	0.0402	19.3	0.000924	0.000924
2073 Jan	72.4	0.0519	0.0178	0.00113	12.9	0.0402	19.3	0.000924	0.000924
2073 Feb	72.4	0.0519	0.0178	0.00113	12.9	0.0402	19.3	0.000924	0.000924
2073 Mar	72.5	0.0519	0.0178	0.00113	12.9	0.0402	19.4	0.000924	0.000924
2073 Apr	72.9	0.0522	0.0179	0.00114	13	0.0404	19.5	0.00093	0.00093
2073 May	78.4	0.0532	0.0193	0.00115	13.8	0.0408	21.5	0.000929	0.000929
2073 Jun	82.2	0.0511	0.0211	0.00113	14.6	0.0381	22.1	0.000903	0.000903
2073 Jul	83.1	0.0509	0.0214	0.00116	14.8	0.0389	22.3	0.000928	0.000928
2073 Aug	84.5	0.0514	0.0216	0.00119	15	0.0402	22.7	0.000955	0.000955
2073 Sep	83.7	0.0525	0.021	0.00118	14.8	0.0407	22.6	0.000951	0.000951
2073 Oct	82.1	0.0549	0.0198	0.00114	14.4	0.0412	22.5	0.000933	0.000933
2073 Nov	82.3	0.0555	0.0196	0.00114	14.3	0.0415	22.9	0.000929	0.000929
2073 Dec	82.5	0.0555	0.0196	0.00114	14.3	0.0416	23	0.000929	0.000929
2074 Jan	82.6	0.0555	0.0196	0.00114	14.3	0.0417	23.1	0.000929	0.000929
2074 Feb	82.7	0.0555	0.0196	0.00114	14.3	0.0417	23.1	0.000929	0.000929
2074 Mar	82.7	0.0555	0.0197	0.00114	14.3	0.0417	23.1	0.00093	0.00093
2074 Apr	83.1	0.0558	0.0198	0.00114	14.4	0.0419	23.2	0.000934	0.000934
2074 May	89.3	0.0565	0.0215	0.00115	15.3	0.0422	25.6	0.00093	0.00093
2074 Jun	90.2	0.0525	0.0232	0.00113	15.8	0.0383	25.3	0.000878	0.000878
2074 Jul	92.3	0.0533	0.0238	0.00117	16.2	0.0395	25.8	0.000916	0.000916
2074 Aug	96.4	0.0554	0.0247	0.00122	16.8	0.0415	27	0.000958	0.000958
2074 Sep	94.8	0.0568	0.0235	0.00119	16.3	0.0423	27.1	0.000945	0.000945
2074 Oct	94.1	0.0588	0.0224	0.00117	15.9	0.0433	27.6	0.000932	0.000932
2074 Nov	95.7	0.059	0.0224	0.00116	15.8	0.0443	29	0.000927	0.000927
2074 Dec	96.1	0.059	0.0224	0.00116	15.8	0.0445	29.2	0.000927	0.000927
2075 Jan	96.2	0.059	0.0224	0.00116	15.8	0.0446	29.3	0.000926	0.000926
2075 Feb	96.3	0.059	0.0224	0.00116	15.8	0.0446	29.4	0.000927	0.000927
2075 Mar	96.4	0.059	0.0225	0.00116	15.8	0.0447	29.4	0.000927	0.000927
2075 Apr	96.8	0.0593	0.0226	0.00117	15.9	0.0449	29.5	0.000931	0.000931
2075 May	99.9	0.06	0.023	0.00118	16.2	0.0459	31	0.00094	0.00094
2075 Jun	90	0.0468	0.0209	0.00114	13.8	0.0422	28.8	0.000907	0.000907
2075 Jul	87.7	0.0432	0.0207	0.00117	13.3	0.0417	28	0.000923	0.000923
2075 Aug	89	0.0439	0.0209	0.00119	13.6	0.0429	28.4	0.000948	0.000948
2075 Sep	89.7	0.0451	0.0208	0.0012	13.7	0.0437	28.6	0.000957	0.000957
2075 Oct	88.8	0.0468	0.0202	0.00118	13.6	0.0439	28.3	0.000952	0.000952
2075 Nov	89.1	0.0474	0.0202	0.00118	13.5	0.0442	28.6	0.000951	0.000951
2075 Dec	89.3	0.0475	0.0202	0.00118	13.5	0.0443	28.7	0.000951	0.000951
2076 Jan	89.4	0.0475	0.0202	0.00118	13.5	0.0444	28.8	0.000951	0.000951
2076 Feb	89.4	0.0475	0.0202	0.00118	13.6	0.0444	28.8	0.000952	0.000952
2076 Mar	89.5	0.0475	0.0202	0.00118	13.6	0.0444	28.8	0.000952	0.000952
2076 Apr	89.7	0.0476	0.0202	0.00119	13.6	0.0445	28.9	0.000955	0.000955
2076 May	91.4	0.0491	0.0206	0.00119	14.1	0.044	28.7	0.000963	0.000963
2076 Jun	86.4	0.0471	0.0206	0.00112	14.4	0.0377	24.2	0.000916	0.000916
2076 Jul	86.7	0.0466	0.021	0.00115	14.5	0.0382	24.2	0.00094	0.00094
2076 Aug	89.6	0.0481	0.0216	0.0012	15	0.0399	25	0.000977	0.000977
2076 Sep	90.5	0.0494	0.0216	0.00121	15.1	0.0408	25.4	0.000988	0.000988
2076 Oct	88.4	0.0515	0.0205	0.00117	14.7	0.041	25	0.000968	0.000968
2076 Nov	88.6	0.052	0.0203	0.00117	14.6	0.0414	25.4	0.000963	0.000963
2076 Dec	88.8	0.052	0.0203	0.00117	14.6	0.0415	25.5	0.000963	0.000963
2077 Jan	88.8	0.052	0.0203	0.00117	14.6	0.0415	25.5	0.000963	0.000963
2077 Feb	88.8	0.052	0.0203	0.00117	14.6	0.0415	25.5	0.000964	0.000964
2077 Mar	88.9	0.0521	0.0203	0.00117	14.6	0.0416	25.5	0.000964	0.000964
2077 Apr	89.1	0.0522	0.0203	0.00117	14.7	0.0417	25.6	0.000967	0.000967
2077 May	90.7	0.053	0.0208	0.00117	15	0.0415	25.8	0.00097	0.00097

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2026-2036): Min	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208
Operation (2026-2036): Mean	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334
Operation (2026-2036): Max	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527
2069 Dec	0.00000474	0.00728	0.00141	0.0371	0.0224	0.00000537	21	0.0000217	0.000661	0.000256	0.000956	0.057	0.0000111	2.82	4.61	0.0441
2070 Jan	0.00000474	0.00728	0.00141	0.0371	0.0224	0.00000537	21	0.0000217	0.000661	0.000256	0.000956	0.057	0.0000111	2.83	4.61	0.0441
2070 Feb	0.00000474	0.00728	0.00141	0.0371	0.0224	0.00000537	21	0.0000217	0.000661	0.000256	0.000956	0.057	0.0000111	2.83	4.61	0.0441
2070 Mar	0.00000474	0.00728	0.00142	0.0371	0.0224	0.00000538	21	0.0000217	0.000662	0.000256	0.000957	0.057	0.0000111	2.83	4.62	0.0442
2070 Apr	0.00000476	0.00731	0.00142	0.0373	0.0225	0.0000054	21.1	0.0000218	0.000664	0.000257	0.00096	0.0572	0.0000112	2.84	4.63	0.0443
2070 May	0.0000048	0.00733	0.00146	0.037	0.0236	0.00000543	22	0.000022	0.00067	0.000278	0.000983	0.0603	0.0000112	2.87	4.73	0.048
2070 Jun	0.00000466	0.00697	0.00146	0.0332	0.0252	0.00000522	22.8	0.0000215	0.000639	0.00032	0.000983	0.0653	0.0000107	2.75	4.66	0.0554
2070 Jul	0.00000484	0.00722	0.0015	0.034	0.0257	0.00000541	23.3	0.0000223	0.000652	0.000324	0.00101	0.067	0.0000111	2.81	4.75	0.0561
2070 Aug	0.00000497	0.00735	0.00153	0.0347	0.0261	0.00000555	23.6	0.0000224	0.000661	0.000326	0.00103	0.0679	0.0000114	2.86	4.82	0.0563
2070 Sep	0.0000049	0.00733	0.00151	0.0347	0.0254	0.00000548	23.1	0.0000219	0.000653	0.000311	0.00102	0.0657	0.0000113	2.82	4.74	0.0535
2070 Oct	0.00000481	0.00729	0.00147	0.0343	0.0246	0.00000539	22.5	0.0000214	0.000638	0.000296	0.00101	0.0633	0.0000111	2.76	4.63	0.0503
2070 Nov	0.00000481	0.0073	0.00147	0.0346	0.0245	0.00000539	22.5	0.0000214	0.000643	0.000295	0.00101	0.0631	0.0000111	2.78	4.65	0.0502
2070 Dec	0.00000481	0.0073	0.00147	0.0347	0.0245	0.00000539	22.5	0.0000214	0.000644	0.000295	0.00101	0.0631	0.0000111	2.79	4.66	0.0502
2071 Jan	0.00000481	0.0073	0.00147	0.0347	0.0245	0.00000539	22.5	0.0000214	0.000645	0.000295	0.00101	0.0631	0.0000111	2.79	4.66	0.0502
2071 Feb	0.00000481	0.0073	0.00147	0.0347	0.0245	0.00000539	22.5	0.0000214	0.000645	0.000295	0.00101	0.0631	0.0000111	2.79	4.66	0.0502
2071 Mar	0.00000481	0.0073	0.00147	0.0348	0.0245	0.00000539	22.5	0.0000214	0.000645	0.000295	0.00101	0.0631	0.0000111	2.79	4.66	0.0503
2071 Apr	0.00000482	0.00731	0.00148	0.0348	0.0246	0.0000054	22.6	0.0000214	0.000646	0.000295	0.00101	0.0632	0.0000111	2.79	4.67	0.0503
2071 May	0.00000482	0.00727	0.0015	0.034	0.0256	0.00000538	23.3	0.0000215	0.000646	0.000316	0.00102	0.066	0.0000111	2.8	4.73	0.054
2071 Jun	0.0000046	0.00679	0.00145	0.0297	0.0258	0.00000509	23	0.0000208	0.000595	0.000336	0.000983	0.0677	0.0000103	2.59	4.47	0.0577
2071 Jul	0.00000472	0.00695	0.00146	0.0298	0.0257	0.0000052	22.8	0.0000213	0.000594	0.000331	0.000988	0.0677	0.0000105	2.59	4.43	0.0568
2071 Aug	0.00000488	0.00716	0.0015	0.0307	0.0263	0.00000538	23.5	0.0000217	0.000609	0.000338	0.00102	0.0693	0.0000109	2.66	4.54	0.0578
2071 Sep	0.00000482	0.00708	0.00146	0.0302	0.0254	0.0000053	22.8	0.0000209	0.000591	0.000319	0.000998	0.0665	0.0000108	2.58	4.4	0.0542
2071 Oct	0.00000476	0.00706	0.00144	0.0299	0.0249	0.00000524	22.4	0.0000206	0.000582	0.000309	0.000989	0.065	0.0000107	2.55	4.32	0.0522
2071 Nov	0.00000475	0.00709	0.00143	0.0299	0.0246	0.00000523	22.2	0.0000205	0.000579	0.000304	0.000988	0.0643	0.0000106	2.53	4.3	0.0511
2071 Dec	0.00000475	0.00709	0.00144	0.03	0.0246	0.00000523	22.2	0.0000205	0.00058	0.000304	0.000988	0.0642	0.0000107	2.54	4.3	0.0511
2072 Jan	0.00000475	0.00709	0.00144	0.0301	0.0246	0.00000523	22.2	0.0000205	0.000581	0.000304	0.000989	0.0642	0.0000107	2.54	4.31	0.0511
2072 Feb	0.00000475	0.00709	0.00144	0.0301	0.0246	0.00000523	22.2	0.0000205	0.000581	0.000304	0.000989	0.0642	0.0000107	2.54	4.31	0.0511
2072 Mar	0.00000476	0.0071	0.00144	0.0301	0.0247	0.00000523	22.2	0.0000205	0.000581	0.000304	0.000989	0.0643	0.0000107	2.54	4.31	0.0511
2072 Apr	0.00000477	0.00711	0.00144	0.0302	0.0247	0.00000525	22.3	0.0000205	0.000583	0.000304	0.000991	0.0644	0.0000107	2.55	4.32	0.0513
2072 May	0.00000483	0.00721	0.00146	0.0306	0.0251	0.00000532	22.6	0.0000208	0.000591	0.000309	0.00101	0.0653	0.0000108	2.59	4.38	0.052
2072 Jun	0.00000476	0.00712	0.00136	0.0294	0.0225	0.00000522	20.5	0.0000211	0.000557	0.000271	0.000929	0.0599	0.0000106	2.42	4.02	0.046
2072 Jul	0.00000485	0.00721	0.00136	0.0295	0.0222	0.00000531	20.1	0.0000214	0.000554	0.000263	0.000928	0.0594	0.0000108	2.41	3.97	0.0445
2072 Aug	0.00000484	0.00707	0.00135	0.03	0.0216	0.00000531	19.8	0.0000203	0.000553	0.00025	0.000919	0.0571	0.0000108	2.41	3.93	0.0421
2072 Sep	0.00000479	0.00696	0.00132	0.0296	0.021	0.00000525	19.4	0.0000193	0.000539	0.000237	0.000906	0.055	0.0000107	2.36	3.82	0.0396
2072 Oct	0.00000468	0.00689	0.00128	0.0288	0.0202	0.00000512	18.7	0.0000187	0.000518	0.000223	0.000892	0.0526	0.0000104	2.28	3.67	0.0366
2072 Nov	0.00000467	0.0069	0.00128	0.0289	0.0202	0.00000511	18.7	0.0000186	0.000519	0.000221	0.000893	0.0523	0.0000104	2.28	3.68	0.0362
2072 Dec	0.00000467	0.0069	0.00128	0.029	0.0202	0.00000512	18.7	0.0000187	0.00052	0.000221	0.000893	0.0523	0.0000104	2.29	3.69	0.0363
2073 Jan	0.00000467	0.0069	0.00128	0.029	0.0202	0.00000512	18.7	0.0000187	0.000521	0.000221	0.000893	0.0523	0.0000104	2.29	3.69	0.0363
2073 Feb	0.00000467	0.0069	0.00128	0.0291	0.0202	0.00000512	18.7	0.0000187	0.000521	0.000221	0.000893	0.0523	0.0000104	2.29	3.69	0.0363
2073 Mar	0.00000467	0.0069	0.00128	0.0291	0.0202	0.00000512	18.7	0.0000187	0.000521	0.000221	0.000893	0.0524	0.0000104	2.29	3.69	0.0363
2073 Apr	0.0000047	0.00694	0.00129	0.0292	0.0203	0.00000515	18.8	0.0000188	0.000524	0.000223	0.000899	0.0527	0.0000104	2.31	3.72	0.0365
2073 May	0.0000047	0.00695	0.00137	0.0313	0.0222	0.0000052	20.5	0.0000196	0.000574	0.000258	0.000936	0.0571	0.0000106	2.51	4.11	0.0434
2073 Jun	0.00000457	0.0067	0.00142	0.0314	0.0244	0.00000509	22	0.0000202	0.000604	0.000307	0.000953	0.0629	0.0000103	2.61	4.41	0.0528
2073 Jul	0.0000047	0.00685	0.00144	0.0317	0.0246	0.00000522	22.2	0.0000205	0.000608	0.000307	0.000969	0.0637	0.0000106	2.64	4.44	0.0528
2073 Aug	0.00000483	0.007	0.00147	0.0323	0.025	0.00000536	22.6	0.0000207	0.000618	0.00031	0.000993	0.0648	0.0000109	2.69	4.52	0.0532
2073 Sep	0.00000481	0.00699	0.00146	0.0323	0.0246	0.00000534	22.3	0.0000204	0.000612	0.000302	0.000988	0.0636	0.0000109	2.67	4.46	0.0516
2073 Oct	0.00000472	0.00697	0.00143	0.0323	0.0239	0.00000525	21.8	0.00002	0.000603	0.000287	0.000974	0.0613	0.0000107	2.63	4.39	0.0487
2073 Nov	0.00000471	0.00697	0.00143	0.0327	0.0238	0.00000524	21.8	0.00002	0.000608	0.000285	0.000973	0.0608	0.0000107	2.65	4.41	0.0483
2073 Dec	0.00000471	0.00698	0.00143	0.0329	0.0238	0.00000525	21.8	0.00002	0.000611	0.000285	0.000974	0.0609	0.0000107	2.66	4.43	0.0483
2074 Jan	0.00000471	0.00698	0.00143	0.0329	0.0238	0.00000525	21.8	0.00002	0.000612	0.000285	0.000974	0.0609	0.0000107	2.66	4.43	0.0484
2074 Feb	0.00000471	0.00698	0.00143	0.033	0.0238	0.00000525	21.8	0.00002	0.000613	0.000285	0.000974	0.0609	0.0000107	2.66	4.44	0.0484
2074 Mar	0.00000471	0.00698	0.00143	0.033	0.0238	0.00000525	21.8	0.0000201	0.000613	0.000285	0.000975	0.0609	0.0000107	2.67	4.44	0.0484
2074 Apr	0.00000473	0.00702	0.00144	0.0332	0.0239	0.00000528	21.9	0.0000202	0.000616	0.000286	0.00098	0.0612	0.0000108	2.68	4.46	0.0486
2074 May	0.00000471	0.00699	0.00152	0.0356	0.026	0.00000532	23.7	0.000021	0.000674	0.000325	0.00102	0.0659	0.0000109	2.91	4.91	0.0563
2074 Jun	0.00000445	0.00653	0.00151	0.0344	0.0272	0.00000505	24.4	0.0000209	0.000678	0.00036	0.001	0.069	0.0000103	2.91	5.02	0.0633
2074 Jul	0.00000465	0.00679	0.00156	0.0352	0.0278	0.00000526	24.9	0.0000216	0.000692	0.000366	0.00103	0.0709	0.0000107	2.98	5.11	0.0643
2074 Aug	0.00000486	0.00709	0.00163	0.0369	0.029	0.0000055	26	0.0000225	0.000723	0.000381	0.00108	0.0738	0.0000112	3.11	5.34	0.0668
2074 Sep	0.0000048	0.00706	0.0016	0.0372	0.0281	0.00000544	25.4	0.000022	0.000717	0.000363	0.00106	0.071	0.0000112	3.09	5.27	0.0634
2074 Oct	0.00000473	0.00708	0.00158	0.0379	0.0273	0.0000054	24.9	0.0000218	0.00072	0.000348	0.00105	0.0687	0.0000111	3.09	5.25	0.0607
2074 Nov	0.00000471	0.0071	0.00159	0.0397	0.0273	0.00000542	25.1	0.000022	0.000745	0.000346	0.00105	0.0682	0.0000112	3.18	5.39	0.0607
2074 Dec	0.00000471	0.00711	0.00159	0.04	0.0274	0.00000542	25.1	0.0000221	0.00075	0.000346	0.00105	0.0682	0.0000112	3.21	5.43	0.0608
2075 Jan	0.00000471	0.00711	0.00159	0.0401	0.0274	0.00000542	25.2	0.0000221	0.000752	0.000346	0.00105	0.0682	0.0000112	3.21	5.43	0.0608
2075 Feb	0.00000471	0.00711	0.00159	0.0402	0.0274	0.00000543	25.2	0.0000221	0.000753	0.000346	0.00105	0.0682	0.0000112	3.21	5.44	0.0609
2075 Mar	0.00000471	0.00712	0.00159	0.0402	0.0274	0.00000543	25.2	0.0000221	0.000754	0.000347	0.00106	0.0683	0.0000113	3.22	5.45	0.0609
2075 Apr	0.00000474	0.00715	0.0016	0.0404	0.0275	0.00000545	25.3	0.0000222	0.000757	0.000348	0.00106	0.0685	0.0000113	3.23	5.47	0.0612
2075 May	0.00000478	0.00724	0.00164	0.0422	0.0283	0.00000554	26	0.0000228	0.000789	0.00036	0.00108	0.0702	0.0000115	3.36	5.69	0.0636
2075 Jun	0.00000461	0.00704	0.00147	0.0403	0.024	0.00000533	22.5	0.0000228	0.000732	0.000294	0.000957	0.0606	0.0000111	3.08	5.09	0.0528
2075 Jul	0.00000469	0.00713	0.00144	0.0396	0.023	0.0000054	21.6	0.0000231	0.000714	0.000277	0.000938	0.0587	0.0000111	3.01	4.91	0.0497
2075 Aug	0.00000482	0.00727	0.00147	0.0402	0.0234	0.00000553	21.9	0.0000233	0.000723	0.00028	0.000959	0.0597	0.0000114	3.05	4.97	0.05
2075 Sep	0.00000486	0.00734	0.00148	0.0406	0.0235	0.00000558	22.1	0.0000234	0.000728	0.000279	0.000968	0.0599	0.0000115	3.07	5.01	0.0499
2075 Oct	0.00000483	0.00735	0.00147	0.0402	0.0233	0.00000554	21.9	0.0000231	0.000719	0.000274	0.000965	0.0591	0.0000115	3.04	4.95	0.0486
2075 Nov	0.00000484	0.00737	0.00147	0.0406	0.0233	0.00000555	21.9	0.0000231	0.000724	0.000273	0.000968	0.059	0.0000115	3.06	4.98	0.0485
2075 Dec	0.00000484	0.00738	0.00147	0.0408	0.0233	0.00000556	21.9	0.0000232	0.000726	0.000273	0.000968	0.059	0.0000115	3.07	4.99	0.0485
2076 Jan	0.00000484	0.00738	0.00147	0.0408	0.0233	0.00000556	22	0.0000232	0.000727	0.000273	0.000969	0.059	0.0000115	3.07	5	0.0485
2076 Feb	0.00000484	0.00738	0.00148	0.0408	0.0233	0.00000556	22	0.0000232	0.000727	0.000273	0.000969	0.059	0.0000115	3.07	5	0.0485
2076 Mar	0.00000484	0.00739	0.00148	0.0409	0.0233	0.00000556	22	0.0000232	0.000728	0.000273	0.00097	0.059	0.0000115	3.08	5	0.0486
2076 Apr	0.00000485	0.0074	0.00148	0.041	0.0234	0.00000558	22	0.0000233	0.00073	0.000274	0.000972	0.0592	0.0000116	3.08	5.02	0.0487
2076 May	0.00000489	0.00743	0.00152	0.0404	0.0246	0.0000056	22.9	0.0000235	0.000734	0.000296	0.000997	0.0626	0.0000116	3.11	5.11	0.0526
2076 Jun	0.00000464	0.0069	0.00147	0.0339	0.0255	0.00000522	23	0.0000222	0.000658	0.000329	0.00097	0.0663	0.0000107	2.81	4.76	0.058
2076 Jul	0.00000476	0.00705	0.00149	0.034	0.0255	0.00000534	23	0.0000226	0.000657	0.000327	0.00098	0.0666	0.0000109	2.81	4.75	0.0575
2076 Aug	0.00000495	0.0073	0.00154	0.0353	0.0264	0.00000555	23.8	0.0000232	0.000679	0.000336	0.00102	0.0688	0.0000114	2.91	4.9	0.059
2076 Sep	0.00000501	0.00739	0.00155	0.0358	0.0265	0.00000561	24	0.0000233	0.000687	0.000336	0.00103	0.069	0.0000115	2.94	4.95	0.0589
2076 Oct	0.0000049	0.00733	0.00152	0.0354	0.0257	0.0000055	23.4	0.0000227	0.000672	0.00032	0.00101	0.0665	0.0000113	2.88	4.84	0.0558
2076 Nov	0.00000488	0.00733	0.00151	0.0358	0.0255	0.00000549	23.3	0.0000227	0.000676	0.000317	0.00101	0.066	0.0000113	2.9	4.86	0.0553
2076 Dec	0.00000488	0.00733	0.00152	0.036	0.0256	0.0000055	23.3	0.0000227	0.000679	0.000318	0.00101	0.066	0.0000113	2.91	4.87	0.0554
2077 Jan	0.00000488	0.00733	0.00152	0.0361	0.0256	0.0000055	23.3	0.0000227	0.00068	0.000318	0.00101	0.066	0.0000113	2.91	4.88	0.0554
2077 Feb	0.00000488	0.00734	0.00152	0.0361	0.0256	0.0000055	23.3	0.0000227	0.00068	0.000318	0.00101	0.066	0.0000113	2.91	4.88	0.0554
2077 Mar	0.00000489	0.00734	0.00152	0.0361	0.0256	0.0000055	23.3	0.0000228	0.00068	0.000318	0.00101	0.0661	0.0000113	2.91	4.88	0.0554
2077 Apr	0.0000049	0.00736	0.00152	0.0362	0.0256	0.00000552	23.4	0.0000228	0.000683	0.000319	0.00101	0.0663	0.0000114	2.92	4.9	0.0556
2077 May	0.00000492	0.00736	0.00155	0.0362	0.0265	0.00000553	24.1	0.000023	0.000691	0.000335	0.00103	0.0685	0.0000114	2.96	5	0.0585

Constituents	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2069 Dec	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000116	0.167	0.00000212	0.000717	0.00056	0.00161	
2070 Jan	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000116	0.167	0.00000212	0.000718	0.00056	0.00161	
2070 Feb	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000116	0.167	0.00000212	0.000718	0.00056	0.00161	
2070 Mar	0.00112	5.11	0.00262	0.0465	0.000267	0.000257	0.000117	0.168	0.00000212	0.000719	0.00056	0.00161	
2070 Apr	0.00113	5.13	0.00263	0.0467	0.000268	0.000258	0.000117	0.168	0.00000213	0.000721	0.000562	0.00162	
2070 May	0.00111	5.31	0.00265	0.0474	0.000302	0.000262	0.00012	0.172	0.00000215	0.000714	0.000601	0.00164	
2070 Jun	0.000986	5.54	0.00252	0.0464	0.000382	0.000259	0.00012	0.171	0.00000207	0.000638	0.000683	0.00163	
2070 Jul	0.001	5.66	0.00258	0.048	0.000386	0.000267	0.000123	0.174	0.00000214	0.00065	0.000698	0.0017	
2070 Aug	0.00103	5.74	0.00263	0.0491	0.000386	0.00027	0.000125	0.177	0.0000022	0.000662	0.000697	0.00173	
2070 Sep	0.00104	5.59	0.0026	0.0488	0.00036	0.00026	0.000122	0.174	0.00000217	0.000662	0.00066	0.00167	
2070 Oct	0.00104	5.42	0.00254	0.0483	0.000332	0.000247	0.000118	0.169	0.00000213	0.000653	0.000621	0.00161	
2070 Nov	0.00106	5.42	0.00256	0.0483	0.000329	0.000248	0.000118	0.17	0.00000213	0.000662	0.000618	0.00161	
2070 Dec	0.00106	5.42	0.00256	0.0483	0.000329	0.000248	0.000118	0.17	0.00000213	0.000664	0.000618	0.00161	
2071 Jan	0.00106	5.42	0.00256	0.0483	0.000329	0.000248	0.000118	0.17	0.00000213	0.000664	0.000618	0.00161	
2071 Feb	0.00106	5.42	0.00256	0.0483	0.000329	0.000248	0.000118	0.171	0.00000213	0.000664	0.000618	0.00161	
2071 Mar	0.00106	5.42	0.00256	0.0483	0.000329	0.000248	0.000118	0.171	0.00000213	0.000665	0.000619	0.00161	
2071 Apr	0.00106	5.43	0.00257	0.0484	0.00033	0.000249	0.000119	0.171	0.00000214	0.000666	0.000619	0.00161	
2071 May	0.00103	5.57	0.00256	0.0487	0.000365	0.000251	0.000121	0.173	0.00000213	0.00065	0.000658	0.00162	
2071 Jun	0.00088	5.57	0.00236	0.0464	0.000414	0.000245	0.000116	0.165	0.00000201	0.00056	0.000709	0.0016	
2071 Jul	0.000875	5.58	0.00237	0.0471	0.000407	0.00025	0.000116	0.164	0.00000206	0.000558	0.00071	0.00165	
2071 Aug	0.000902	5.73	0.00243	0.0486	0.000413	0.000256	0.000119	0.168	0.00000213	0.000572	0.000721	0.0017	
2071 Sep	0.0009	5.55	0.00237	0.048	0.000381	0.000241	0.000115	0.163	0.0000021	0.000559	0.000674	0.00164	
2071 Oct	0.000903	5.45	0.00233	0.0477	0.000362	0.000234	0.000112	0.16	0.00000208	0.000554	0.000649	0.0016	
2071 Nov	0.000909	5.4	0.00232	0.0479	0.000352	0.00023	0.000111	0.159	0.00000207	0.000553	0.000636	0.00159	
2071 Dec	0.000912	5.4	0.00233	0.0479	0.000352	0.00023	0.000111	0.159	0.00000207	0.000555	0.000635	0.00158	
2072 Jan	0.000913	5.4	0.00233	0.0479	0.000352	0.00023	0.000111	0.159	0.00000207	0.000556	0.000635	0.00159	
2072 Feb	0.000913	5.4	0.00233	0.0479	0.000352	0.00023	0.000111	0.159	0.00000207	0.000556	0.000635	0.00159	
2072 Mar	0.000914	5.4	0.00233	0.0479	0.000352	0.00023	0.000111	0.159	0.00000207	0.000557	0.000636	0.00159	
2072 Apr	0.000916	5.42	0.00233	0.048	0.000353	0.000231	0.000112	0.16	0.00000208	0.000558	0.000637	0.00159	
2072 May	0.000929	5.49	0.00237	0.0487	0.000358	0.000234	0.000113	0.162	0.00000211	0.000566	0.000646	0.00161	
2072 Jun	0.00086	5.01	0.00225	0.0467	0.000309	0.000241	0.000105	0.149	0.00000207	0.000537	0.000612	0.00166	
2072 Jul	0.000854	4.96	0.00225	0.0471	0.000297	0.000245	0.000104	0.147	0.00000211	0.000536	0.000604	0.0017	
2072 Aug	0.000878	4.91	0.00225	0.0463	0.000273	0.000234	0.000104	0.146	0.0000021	0.000544	0.000559	0.00165	
2072 Sep	0.000878	4.83	0.00219	0.0456	0.00025	0.000221	0.000101	0.142	0.00000208	0.000532	0.00052	0.00159	
2072 Oct	0.000872	4.73	0.00211	0.045	0.000224	0.000205	0.0000962	0.137	0.00000203	0.000516	0.000481	0.00151	
2072 Nov	0.00088	4.73	0.00212	0.045	0.000221	0.000204	0.0000961	0.137	0.00000203	0.00052	0.000476	0.00151	
2072 Dec	0.000883	4.73	0.00212	0.045	0.000221	0.000204	0.0000963	0.137	0.00000203	0.000522	0.000476	0.00151	
2073 Jan	0.000884	4.73	0.00212	0.045	0.000221	0.000205	0.0000963	0.137	0.00000203	0.000523	0.000476	0.00151	
2073 Feb	0.000884	4.73	0.00212	0.045	0.000221	0.000205	0.0000964	0.137	0.00000203	0.000523	0.000476	0.00151	
2073 Mar	0.000885	4.73	0.00213	0.045	0.000221	0.000205	0.0000964	0.137	0.00000203	0.000523	0.000476	0.00151	
2073 Apr	0.00089	4.76	0.00214	0.0453	0.000222	0.000206	0.000097	0.138	0.00000204	0.000526	0.000479	0.00152	
2073 May	0.00095	5.03	0.00231	0.0457	0.000277	0.000223	0.000107	0.152	0.00000206	0.00058	0.000545	0.00154	
2073 Jun	0.000934	5.31	0.00239	0.0449	0.000364	0.000242	0.000115	0.163	0.00000201	0.000593	0.000646	0.00157	
2073 Jul	0.000939	5.39	0.00242	0.0459	0.000363	0.000246	0.000116	0.164	0.00000207	0.000597	0.00065	0.00161	
2073 Aug	0.00096	5.49	0.00247	0.0471	0.000366	0.000249	0.000118	0.167	0.00000212	0.000609	0.000653	0.00164	
2073 Sep	0.000966	5.41	0.00245	0.047	0.00035	0.000243	0.000117	0.165	0.00000212	0.000606	0.00063	0.00161	
2073 Oct	0.00098	5.24	0.00241	0.0466	0.000323	0.000232	0.000113	0.162	0.00000208	0.000606	0.000594	0.00156	
2073 Nov	0.000997	5.21	0.00243	0.0465	0.000317	0.000232	0.000114	0.162	0.00000208	0.000617	0.000588	0.00155	
2073 Dec	0.001	5.21	0.00244	0.0465	0.000318	0.000233	0.000114	0.163	0.00000208	0.00062	0.000588	0.00155	
2074 Jan	0.001	5.21	0.00244	0.0465	0.000318	0.000233	0.000114	0.163	0.00000208	0.000622	0.000588	0.00155	
2074 Feb	0.00101	5.21	0.00244	0.0465	0.000318	0.000233	0.000114	0.163	0.00000208	0.000623	0.000588	0.00155	
2074 Mar	0.00101	5.22	0.00245	0.0465	0.000318	0.000234	0.000114	0.163	0.00000208	0.000623	0.000588	0.00155	
2074 Apr	0.00101	5.24	0.00246	0.0468	0.000319	0.000235	0.000115	0.164	0.00000209	0.000627	0.000591	0.00156	
2074 May	0.00108	5.55	0.00265	0.047	0.00038	0.000255	0.000126	0.18	0.0000021	0.00069	0.000664	0.00158	
2074 Jun	0.00103	5.71	0.00264	0.0445	0.000449	0.000264	0.00013	0.184	0.000002	0.000679	0.000737	0.00156	
2074 Jul	0.00105	5.86	0.00271	0.0463	0.000456	0.000272	0.000132	0.188	0.00000208	0.000691	0.000755	0.00163	
2074 Aug	0.0011	6.1	0.00283	0.0483	0.000473	0.000284	0.000138	0.196	0.00000217	0.000724	0.000783	0.0017	
2074 Sep	0.00112	5.92	0.00281	0.0478	0.00044	0.000275	0.000135	0.193	0.00000215	0.000729	0.00074	0.00165	
2074 Oct	0.00115	5.76	0.00281	0.0476	0.000412	0.000269	0.000134	0.192	0.00000213	0.000747	0.000705	0.0016	
2074 Nov	0.00121	5.73	0.0029	0.0474	0.000407	0.000275	0.000136	0.196	0.00000214	0.000788	0.0007	0.0016	
2074 Dec	0.00122	5.73	0.00292	0.0473	0.000406	0.000276	0.000137	0.197	0.00000214	0.000797	0.0007	0.0016	
2075 Jan	0.00122	5.73	0.00293	0.0473	0.000406	0.000277	0.000137	0.197	0.00000214	0.000799	0.0007	0.0016	
2075 Feb	0.00123	5.73	0.00293	0.0473	0.000406	0.000277	0.000137	0.198	0.00000214	0.0008	0.0007	0.0016	
2075 Mar	0.00123	5.73	0.00293	0.0474	0.000406	0.000277	0.000138	0.198	0.00000214	0.000801	0.000701	0.0016	
2075 Apr	0.00123	5.76	0.00295	0.0476	0.000408	0.000279	0.000138	0.199	0.00000215	0.000805	0.000704	0.00161	
2075 May	0.00129	5.86	0.00306	0.0482	0.000424	0.000289	0.000143	0.206	0.00000219	0.000846	0.000726	0.00163	
2075 Jun	0.00119	5.07	0.00285	0.0447	0.000335	0.000292	0.000129	0.184	0.0000021	0.000801	0.000651	0.00167	
2075 Jul	0.00115	4.95	0.0028	0.0447	0.000311	0.000295	0.000126	0.178	0.00000213	0.000781	0.000635	0.00172	
2075 Aug	0.00117	5.04	0.00284	0.0458	0.000312	0.000298	0.000128	0.18	0.00000218	0.000791	0.000637	0.00175	
2075 Sep	0.00119	5.07	0.00286	0.0463	0.000309	0.000297	0.000128	0.181	0.0000022	0.000798	0.000634	0.00176	
2075 Oct	0.00118	5.01	0.00283	0.0463	0.000298	0.00029	0.000126	0.179	0.00000219	0.000789	0.000618	0.00173	
2075 Nov	0.0012	5.01	0.00285	0.0464	0.000295	0.000291	0.000127	0.18	0.00000219	0.000797	0.000614	0.00173	
2075 Dec	0.0012	5.01	0.00285	0.0464	0.000295	0.000291	0.000127	0.181	0.00000219	0.000802	0.000614	0.00173	
2076 Jan	0.0012	5.01	0.00286	0.0464	0.000295	0.000291	0.000127	0.181	0.00000219	0.000803	0.000615	0.00173	
2076 Feb	0.00121	5.01	0.00286	0.0464	0.000295	0.000292	0.000127	0.181	0.00000219	0.000803	0.000615	0.00173	
2076 Mar	0.00121	5.01	0.00286	0.0464	0.000295	0.000292	0.000127	0.181	0.0000022	0.000804	0.000615	0.00173	
2076 Apr	0.00121	5.03	0.00287	0.0465	0.000296	0.000293	0.000128	0.181	0.0000022	0.000806	0.000617	0.00173	
2076 May	0.00119	5.2	0.00288	0.0474	0.000333	0.000295	0.00013	0.185	0.00000221	0.000794	0.000658	0.00175	
2076 Jun	0.000984	5.27	0.00259	0.0458	0.000404	0.000277	0.000124	0.174	0.00000207	0.000656	0.000721	0.00169	
2076 Jul	0.000981	5.33	0.00259	0.0466	0.000399	0.00028	0.000124	0.174	0.00000211	0.000654	0.000723	0.00174	
2076 Aug	0.00102	5.51	0.00268	0.0484	0.000409	0.000288	0.000128	0.18	0.0000022	0.000677	0.00074	0.00179	
2076 Sep	0.00104	5.55	0.00272	0.0489	0.000406	0.000289	0.000129	0.182	0.00000222	0.000687	0.000738	0.0018	
2076 Oct	0.00104	5.38	0.00266	0.0483	0.000378	0.000276	0.000125	0.177	0.00000218	0.000679	0.000698	0.00174	
2076 Nov	0.00106	5.34	0.00267	0.0482	0.000372	0.000276	0.000125	0.178	0.00000217	0.000689	0.00069	0.00173	
2076 Dec	0.00106	5.35	0.00268	0.0482	0.000372	0.000277	0.000126	0.178	0.00000217	0.000693	0.000691	0.00173	
2077 Jan	0.00106	5.35	0.00268	0.0482	0.000372	0.000277	0.000126	0.178	0.00000217	0.000694	0.000691	0.00173	
2077 Feb	0.00107	5.35	0.00268	0.0482	0.000372	0.000277	0.000126	0.178	0.00000217	0.000695	0.000691	0.00173	
2077 Mar	0.00107	5.35	0.00269	0.0482	0.000372	0.000277	0.000126	0.178	0.00000217	0.000695	0.000691	0.00173	
2077 Apr	0.00107	5.36	0.00269	0.0484	0.000374	0.000278	0.000126	0.179	0.00000218	0.000697	0.000693	0.00173	
2077 May	0.00107	5.49	0.00272	0.0488	0.000399	0.000281	0.000129	0.183	0.00000219	0.000699	0.000722	0.00174	

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2077 Jun	86.9	0.0492	0.0209	0.00112	14.9	0.0369	23.4	0.000919	0.000919	0.00000465	0.00688	0.0015	0.0326	0.0265	0.00000521	23.7	0.0000221	0.000648	0.000348	0.000989	0.0691	0.0000107	2.78	4.77	0.061	0.000947	5.44	0.00255	0.0464	0.000435	0.000273	0.000124	0.175	0.00000206	0.000627	0.000752	0.00169	
2077 Jul	88.3	0.0492	0.0211	0.00116	15.1	0.0378	23.6	0.000957	0.000957	0.00000484	0.00716	0.00153	0.0332	0.0268	0.0000054	24	0.0000229	0.000657	0.00035	0.00101	0.0704	0.000011	2.82	4.82	0.0613	0.000957	5.51	0.00259	0.048	0.000436	0.000282	0.000126	0.177	0.00000214	0.000634	0.000767	0.00177	
2077 Aug	91.1	0.0508	0.0217	0.0012	15.6	0.0395	24.4	0.000994	0.000994	0.00000503	0.00741	0.00158	0.0344	0.0277	0.0000056	24.8	0.0000235	0.000678	0.000359	0.00105	0.0725	0.0000115	2.91	4.97	0.0628	0.000992	5.69	0.00268	0.0498	0.000445	0.000289	0.00013	0.183	0.00000222	0.000655	0.000784	0.00182	
2077 Sep	87	0.0522	0.0198	0.00115	14.8	0.0399	23.5	0.000964	0.000964	0.00000488	0.00722	0.00151	0.0334	0.0261	0.00000543	23.6	0.0000221	0.000647	0.00033	0.00101	0.0679	0.0000111	2.78	4.72	0.0572	0.000982	5.4	0.00256	0.0484	0.000396	0.000266	0.000123	0.174	0.00000215	0.000631	0.00071	0.00172	
2077 Oct	86.7	0.0541	0.0192	0.00113	14.7	0.0406	23.8	0.000958	0.000958	0.00000485	0.00725	0.0015	0.0338	0.0257	0.00000541	23.3	0.000022	0.000648	0.000321	0.00101	0.0666	0.0000111	2.79	4.72	0.0555	0.001	5.32	0.00256	0.0483	0.000379	0.000262	0.000122	0.173	0.00000214	0.00064	0.000687	0.00169	
2077 Nov	87.3	0.0542	0.0192	0.00114	14.7	0.0409	24.2	0.000958	0.000958	0.00000485	0.00727	0.00151	0.0343	0.0258	0.00000543	23.4	0.0000221	0.000655	0.000322	0.00101	0.0666	0.0000112	2.82	4.76	0.0556	0.00102	5.33	0.00259	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000652	0.000688	0.00169	
2077 Dec	87.4	0.0542	0.0192	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0344	0.0258	0.00000543	23.4	0.0000221	0.000657	0.000322	0.00101	0.0666	0.0000112	2.82	4.77	0.0557	0.00102	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000654	0.000688	0.00169	
2078 Jan	87.4	0.0542	0.0192	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0344	0.0258	0.00000543	23.5	0.0000221	0.000657	0.000322	0.00101	0.0667	0.0000112	2.83	4.77	0.0557	0.00102	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000655	0.000688	0.00169	
2078 Feb	87.4	0.0542	0.0192	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0345	0.0258	0.00000543	23.5	0.0000221	0.000658	0.000322	0.00101	0.0667	0.0000112	2.83	4.78	0.0557	0.00103	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000655	0.000688	0.00169	
2078 Mar	87.5	0.0543	0.0193	0.00114	14.7	0.041	24.3	0.000959	0.000959	0.00000486	0.00727	0.00151	0.0345	0.0258	0.00000543	23.5	0.0000221	0.000658	0.000322	0.00101	0.0667	0.0000112	2.83	4.78	0.0557	0.00103	5.33	0.0026	0.0484	0.000379	0.000264	0.000123	0.175	0.00000215	0.000655	0.000689	0.00169	
2078 Apr	88	0.0546	0.0194	0.00114	14.8	0.0413	24.5	0.000964	0.000964	0.00000489	0.00731	0.00152	0.0347	0.026	0.00000546	23.6	0.0000222	0.000662	0.000324	0.00102	0.0671	0.0000113	2.84	4.81	0.056	0.00103	5.36	0.00261	0.0487	0.000381	0.000266	0.000124	0.176	0.00000216	0.000659	0.000692	0.0017	
2078 May	91.8	0.0555	0.0208	0.00114	15.7	0.0402	25.1	0.000953	0.000953	0.00000483	0.00718	0.00158	0.0349	0.028	0.00000542	25.1	0.0000225	0.000686	0.000365	0.00105	0.0721	0.0000112	2.95	5.08	0.0636	0.00103	5.67	0.00269	0.0487	0.000449	0.000275	0.000131	0.186	0.00000214	0.000671	0.000764	0.0017	
2078 Jun	89.6	0.0531	0.022	0.00112	16.1	0.0362	23.2	0.000908	0.000908	0.0000046	0.00672	0.00154	0.0317	0.0284	0.00000513	25.1	0.0000216	0.000652	0.000385	0.00102	0.0737	0.0000105	2.81	4.93	0.0673	0.000931	5.78	0.00255	0.0466	0.000494	0.000267	0.000129	0.182	0.00000203	0.000611	0.000801	0.00164	
2078 Jul	92.5	0.0544	0.0227	0.00116	16.5	0.0378	23.9	0.000949	0.000949	0.0000048	0.00699	0.0016	0.0327	0.0293	0.00000535	25.9	0.0000223	0.000672	0.000395	0.00106	0.0762	0.0000109	2.9	5.07	0.0689	0.000959	5.97	0.00264	0.0485	0.000506	0.000276	0.000133	0.187	0.00000212	0.000629	0.000824	0.00171	
2078 Aug	92.9	0.0542	0.0225	0.00118	16.6	0.039	24	0.00097	0.00097	0.00000491	0.00707	0.00162	0.0331	0.0294	0.00000546	26	0.0000222	0.000674	0.000393	0.00108	0.0765	0.0000111	2.92	5.09	0.0683	0.000971	5.99	0.00266	0.0493	0.0005	0.000275	0.000133	0.188	0.00000216	0.000634	0.000813	0.00173	
2078 Sep	93.3	0.0549	0.0222	0.00118	16.5	0.04	24.4	0.000976	0.000976	0.00000494	0.00712	0.00162	0.0337	0.0293	0.00000551	26	0.0000221	0.000668	0.000387	0.00108	0.0758	0.0000113	2.95	5.11	0.0673	0.000996	5.97	0.00268	0.0495	0.000488	0.000274	0.000134	0.189	0.00000218	0.000646	0.000798	0.00172	
2078 Oct	93.2	0.056	0.0216	0.00116	16.2	0.0408	25.1	0.000965	0.000965	0.00000489	0.00712	0.00161	0.0347	0.0288	0.00000547	25.7	0.0000222	0.000688	0.000377	0.00107	0.0741	0.0000112	2.98	5.14	0.0656	0.00103	5.86	0.00271	0.0492	0.000469	0.000272	0.000133	0.189	0.00000217	0.000668	0.000774	0.00169	
2078 Nov	93.6	0.0564	0.0214	0.00116	16.2	0.0412	25.6	0.000963	0.000963	0.00000488	0.00714	0.00161	0.0353	0.0287	0.00000548	25.7	0.0000221	0.000696	0.000375	0.00107	0.0738	0.0000113	3	5.18	0.0653	0.00105	5.84	0.00273	0.0492	0.000464	0.000273	0.000134	0.19	0.00000217	0.000682	0.00077	0.00169	
2078 Dec	93.7	0.0564	0.0214	0.00116	16.2	0.0413	25.7	0.000963	0.000963	0.00000488	0.00714	0.00162	0.0354	0.0287	0.00000548	25.8	0.0000221	0.000697	0.000375	0.00107	0.0738	0.0000113	3.01	5.19	0.0654	0.00106	5.84	0.00274	0.0492	0.000464	0.000274	0.000134	0.191	0.00000217	0.000684	0.00077	0.00169	
2079 Jan	93.8	0.0564	0.0214	0.00116	16.2	0.0414	25.7	0.000963	0.000963	0.00000488	0.00714	0.00162	0.0355	0.0288	0.00000548	25.8	0.0000221	0.000699	0.000376	0.00107	0.0738	0.0000113	3.02	5.2	0.0654	0.00106	5.84	0.00275	0.0491	0.000464	0.000274	0.000134	0.191	0.00000217	0.000687	0.00077	0.00169	
2079 Feb	93.9	0.0564	0.0214	0.00116	16.2	0.0414	25.8	0.000963	0.000963	0.00000488	0.00714	0.00162	0.0355	0.0288	0.00000548	25.8	0.0000221	0.000699	0.000376	0.00107	0.0738	0.0000113	3.02	5.2	0.0654	0.00106	5.84	0.00275	0.0491	0.000464	0.000274	0.000134	0.191	0.00000217	0.000687	0.00077	0.00169	
2079 Mar	93.9	0.0564	0.0215	0.00116	16.2	0.0414	25.8	0.000963	0.000963	0.00000488	0.00715	0.00162	0.0355	0.0288	0.00000549	25.8	0.0000222	0.0007	0.000376	0.00107	0.0738	0.0000113	3.02	5.21	0.0655	0.00106	5.84	0.00275	0.0492	0.000464	0.000274	0.000135	0.191	0.00000217	0.000688	0.00077	0.00169	
2079 Apr	94.2	0.0566	0.0215	0.00117	16.3	0.0415	25.9	0.000967	0.000967	0.0000049	0.00717	0.00162	0.0356	0.0289	0.00000551	25.9	0.0000222	0.000702	0.000377	0.00108	0.074	0.0000113	3.03	5.22	0.0657	0.00106	5.86	0.00276	0.0493	0.000466	0.000275	0.000135	0.192	0.00000218	0.00069	0.000773	0.00169	
2079 May	95.5	0.0574	0.0218	0.00118	16.5	0.042	26.2	0.000979	0.000979	0.00000496	0.00726	0.00165	0.036	0.0293	0.00000557	26.3	0.0000225	0.000711	0.000384	0.00109	0.0753	0.0000115	3.07	5.3	0.0669	0.00107	5.95	0.00279	0.05	0.000475	0.000279	0.000137	0.195	0.00000221	0.000697	0.000786	0.00172	
2079 Jun	85.2	0.046	0.02	0.00111	14.4	0.037	23.4	0.000919	0.000919	0.00000466	0.00685	0.00147	0.0328	0.0256	0.00000521	23	0.0000219	0.000642	0.000331	0.000968	0.0668	0.0000107	2.75	4.68	0.0582	0.000946	5.24	0.00253	0.0458	0.00041	0.000273	0.000122	0.172	0.00000206	0.000629	0.000725	0.00169	
2079 Jul	82.3	0.043	0.0196	0.00113	13.9	0.0365	22.3	0.00093	0.00093	0.00000471	0.00689	0.00143	0.0317	0.0245	0.00000524	22	0.0000219	0.000616	0.000312	0.00094	0.0647	0.0000107	2.65	4.45	0.0547	0.000903	5.1	0.00245	0.0457	0.000383	0.000271	0.000117	0.164	0.00000207	0.000601	0.0007	0.00172	
2079 Aug	84.3	0.0437	0.0199	0.00116	14.2	0.0381	22.9	0.000961	0.000961	0.00000487	0.00707	0.00147	0.0327	0.025	0.00000541	22.5	0.0000222	0.000631	0.000317	0.000976	0.0662	0.0000111	2.72	4.56	0.0554	0.000932	5.22	0.00252	0.0471	0.000387	0.000276	0.00012	0.168	0.00000214	0.000619	0.000706	0.00176	
2079 Sep	82.8	0.0462	0.0188	0.00114	13.9	0.0388	22.7	0.000951	0.000951	0.00000481	0.00706	0.00145	0.0325	0.0244	0.00000535	22	0.0000217	0.00062	0.000303	0.000966	0.0641	0.0000109	2.67	4.47	0.0526	0.000942	5.09	0.00248	0.0469	0.000361	0.000264	0.000117	0.165	0.00000212	0.000613	0.000668	0.00171	
2079 Oct	81.8	0.0486	0.018	0.00112	13.7	0.0393	22.6	0.00094	0.00094	0.00000476	0.00706	0.00143	0.0325	0.0239	0.0000053	21.7	0.0000214	0.000613	0.000292	0.00096	0.0625	0.0000109	2.65	4.42	0.0504	0.000954	5	0.00245	0.0467	0.000341	0.000255	0.000115	0.162	0.0000021	0.000613	0.000641	0.00167	
2079 Nov	81.6	0.0498	0.0177	0.00111	13.6	0.0397	22.8	0.000936	0.000936	0.00000474	0.00707	0.00142	0.0326	0.0237	0.00000528	21.6	0.0000212	0.000613	0.000288	0.000959	0.0618	0.0000108	2.64	4.41	0.0494	0.000966	4.96	0.00245	0.0467	0.000331	0.000252	0.000114	0.162	0.00000209	0.000617	0.000627	0.00165	
2079 Dec	81.5	0.0508	0.0175	0.00111	13.6	0.0401	22.9	0.000934	0.000934	0.00000473	0.00709	0.00142	0.0328	0.0235	0.00000527	21.5	0.0000212	0.000613	0.000284	0.000958	0.0612	0.0000108	2.65	4.41	0.0487	0.000977	4.93	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000621	0.000617	0.00163	
2080 Jan	81.6	0.0508	0.0176	0.00111	13.6	0.0401	22.9	0.000933	0.000933	0.00000473	0.00709	0.00142	0.0329	0.0235	0.00000527	21.5	0.0000212	0.000614	0.000284	0.000958	0.0612	0.0000108	2.65	4.41	0.0487	0.000979	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000622	0.000617	0.00163	
2080 Feb	81.6	0.0508	0.0176	0.00111	13.6	0.0401	23	0.000933	0.000933	0.00000473	0.00709	0.00142	0.0329	0.0235	0.00000527	21.5	0.0000212	0.000615	0.000284	0.000958	0.0612	0.0000108	2.65	4.41	0.0487	0.00098	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000623	0.000617	0.00163	
2080 Mar	81.6	0.0508	0.0176	0.00111	13.6	0.0401	23	0.000933	0.000933	0.00000473	0.00709	0.00142	0.0329	0.0235	0.00000527	21.5	0.0000212	0.000615	0.000284	0.000959	0.0612	0.0000108	2.65	4.41	0.0487	0.00098	4.94	0.00245	0.0467	0.000323	0.00025	0.000114	0.162	0.00000209	0.000623	0.000617	0.00163	
2080 Apr	81.8	0.051	0.0176	0.00111	13.6	0.0402	23	0.000936	0.000936	0.00000474	0.0071	0.00142	0.033	0.0236	0.00000528	21.5	0.0000212	0.000616	0.000285	0.000961	0.0613	0.0000109	2.66	4.43	0.0488	0.000983	4.95	0.00246	0.0468	0.000324	0.000251	0.000114	0.162	0.00000209	0.000625	0.000619	0.00163	
2080 May	83	0.0517	0.0179	0.00113	13.8	0.0408	23.4	0.000949	0.000949	0.0000048	0.0072	0.00144	0.0335	0.0239	0.00000536	21.9	0.0000215	0.000625	0.000289	0.000975	0.0622	0.000011	2.7	4.49	0.0496	0.000996	5.02	0.00249	0.0475	0.000329	0.000254	0.000116	0.165	0.00000212	0.000634	0.000628	0.00166	
2080 Jun	76.3	0.0433	0.017	0.00111	12.5	0.0377	21.3	0.00093	0.00093	0.00000471	0.00706	0.00133	0.0313	0.0214	0.00000522	19.6	0.0000215	0.000578	0.000252	0.000896	0.0568	0.0000107	2.48	4.05	0.0435	0.000902	4.59	0.00232	0.0453	0.000282	0.000254	0.000106	0.149	0.00000207	0.000584	0.000592	0.00169	
2080 Jul	73.5	0.0395	0.0168	0.00113	12	0.037	20.4	0.000937	0.000937	0.00000474	0.00705	0.0013	0.0304	0.0204	0.00000523	18.7	0.0000214	0.000555	0.000235	0.000874	0.055	0.0000106	2.39	3.86	0.0405	0.000862	4.46	0.00225	0.045	0.00026	0.000253	0.000102	0.142	0.00000207	0.00056	0.00057	0.00171	
2080 Aug	74.2	0.0396	0.0167	0.00114	12.1	0.0382	20.5	0.000957	0.000957	0.00000484	0.00712	0.00132	0.0307	0.0206	0.00000533	18.9	0.0000213	0.000558	0.000235	0.000891	0.0555	0.0000109	2.41	3.88	0.0403	0.000873	4.51	0.00227	0.0458	0.000258	0.000253	0.000103	0.143	0.00000211	0.000564	0.000563	0.00172	
2080 Sep	73.4	0.041	0.016	0.00113	12	0.0388	20.3	0.000953	0.000953	0.00000482	0.00707	0.00131	0.0305	0.0203	0.0000053	18.7	0.0000207	0.000551	0.000228	0.000887	0.0543	0.0000108	2.39	3.83	0.0388	0.000879	4.45	0.00225	0.0456	0.000243	0.000243	0.000101	0.141	0.0000021	0.000558	0.000537	0.00169	
2080 Oct	73.3	0.0434	0.0155	0.00111	12	0.0394	20.5	0.000946	0.000946	0.00000478	0.00709	0.0013	0.0308	0.0201	0.00000527	18.7	0.0000205	0.000551	0.000223	0.000888	0.0536	0.0000108	2.39	3.83	0.0378	0.000896	4.41	0.00224	0.0456	0.000233	0.000238	0.0001	0.141	0.00000209	0.000563	0.000522	0.00165	
2080 Nov	73.1	0.0449	0.0152	0.0011	11.9	0.0398	20.6	0.000941	0.000941	0.00000476	0.0071	0.0013	0.0309	0.02	0.00000525	18.6	0.0000204	0.00055	0.00022	0.000888	0.0531	0.0000107	2.39	3.83	0.0371	0.000907	4.38	0.00224	0.0456	0.000226	0.000234	0.0000998	0.141	0.00000208	0.000566	0.000511	0.00163	
2080 Dec	73.3	0.045	0.0152	0.0011	11.9	0.0399	20.8	0.00094	0.00094	0.00000476	0.0071	0.0013	0.0311	0.02	0.00000525	18.6	0.0000204	0.000553	0.00022	0.000889	0.053	0.0000108	2.4	3.85	0.0371	0.000914	4.38	0.00225	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000571	0.00051	0.00163	
2081 Jan	73.4	0.045	0.0152	0.0011	11.9	0.0399	20.8	0.000941	0.000941	0.00000476	0.00711	0.0013	0.0311	0.02	0.00000525	18.6	0.0000204	0.000554	0.00022	0.000889	0.053	0.0000108	2.4	3.85	0.0371	0.000915	4.38	0.00225	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000572	0.000511	0.00163	
2081 Feb	73.4	0.045	0.0152	0.0011	11.9	0.0399	20.8	0.000941	0.000941	0.00000476	0.00711	0.0013	0.0311	0.02	0.00000525	18.6	0.0000204	0.000554	0.00022	0.000889	0.0531	0.0000108	2.4	3.85	0.0371	0.000916	4.38	0.00225	0.0456	0.000225	0.000235	0.0001	0.142	0.00000208	0.000572	0.000511	0.00163	
2081 Mar	73.4	0.045	0.0152	0.0011	11.9	0.04	20.8	0.000941	0.000941	0.00000476	0.00711	0.0013	0.0311	0.02	0.00000526	18.6	0.0000204	0.000555	0.00022	0.000889	0.0531	0.0000108	2.4	3.85	0.0371	0.000916	4.38	0.00226	0.0457	0.000225	0.000235	0.0001	0.142	0.00000208	0.000573	0.000511	0.00163	
2081 Apr	73.7	0.0452	0.0152	0.00111	12	0.0401	20.9	0.000944	0.000944	0.00000477	0.00713	0.00131	0.0313	0.0201	0.00000527	18.7	0.0000205	0.000557	0.000221	0.000893	0.0533	0.0000108	2.41	3.87	0.0373	0.000919	4.4	0.00226	0.0458	0.000226	0.000236	0.000101	0.142	0.00000209	0.000575	0.000513	0.00164	
2081 May	77.7	0.0476	0.0167	0.00111	13.1	0.0391	21.1	0.000947	0.000947	0.00000479	0.0071	0.00138	0.0309	0.0225	0.00000529	20.5	0.0000209	0.000575	0.000266	0.000935	0.0594	0.0000108	2.5	4.12	0.0453	0.000907	4.77	0.00232	0.0467	0.000298	0.000243	0.000107	0.152	0.00000209	0.000571	0.000594	0.00166	
2081 Jun	78.8	0.0476	0.0184	0.00111	13.9	0.0363	20.2	0.000924	0.000924	0.00000467	0.00683	0.0014	0.029	0.024	0.00000513	21.5	0.0000207	0.000569	0.000303	0.000945	0.0637	0.0000104	2.47	4.18	0.0519	0.000845	5.05	0.00228	0.046	0.000365	0.000244	0.00011	0.155	0.00000203	0.000538	0.000661	0.00164	
2081 Jul	82.4	0.0494	0.0192	0.00116	14.5	0.0381	21.1	0.00097	0.00097	0.0000049	0.00717	0.00146	0.0304	0.0251	0.00000539	22.4	0.0000217	0.000594	0.000315	0.000988	0.0665	0.0000111	2.59	4.37	0.054	0.000883	5.27	0.00239	0.0482	0.000379	0.000256	0.000115	0.162	0.00000214	0.000562	0.00069	0.00172	
2081 Aug	86.1	0.0515	0.02	0.00122	15.1	0.04	22.1	0.00102	0.00102	0.00000514	0.00749	0.00153	0.0319	0.0262	0.00000564	23.4	0.0000226	0.000622	0.000328	0.00103	0.0693	0.0000115	2.71	4.56	0.0562	0.000927	5.51	0.0025	0.0504	0.000393	0.000267	0.00012	0.169	0.00000224	0.00059	0.000716	0.0018	
2081 Sep	85.5	0.0524	0.0194	0.00121	15	0.0408	22.1	0.00101	0.00101	0.00000513	0.00748	0.00152	0.032	0.0258	0.00000564	23.2	0.0000222	0.000619	0.00032	0.00103	0.0681	0.0000115	2.7	4.53	0.0546	0.000939	5.44	0.00249	0.0503	0.000377	0.000261	0.000119	0.168	0.00000223	0.00059	0.000693	0.00177	
2081 Oct	85.6	0.0536	0.0191	0.0012	14.9	0.0413	22.5	0.00101	0.00101	0.00000511	0.0075	0.00152	0.0325	0.0257	0.00000563	23.1	0.0000221	0.000623	0.000315	0.00103	0.0674	0.0000115	2.71	4.55	0.0538	0.000958	5.4	0.0025	0.0503	0.000368	0.000259	0.000119	0.168	0.00000223	0.000601	0.000681	0.00176	
2081 Nov	84.6	0.0549	0.0184	0.00118	14.6	0.0415	22.5	0.000996	0.000996	0.00000504	0.00746	0.0015	0.0325	0.0252	0.00000556	22.8	0.0000218	0.000618	0.000306	0.00102	0.0659	0.0000114	2.69	4.5	0.052	0.000969	5.3	0.00248	0.0498	0.000351	0.000253	0.000117	0.166	0.0000022	0.000603	0.000658	0.00172	
2081 Dec	84.6	0.0553	0.0183	0.00117	14.6	0.0417	22.6	0.000994	0.000994	0.00000503	0.00747	0.00149	0.0326	0.0251	0.00000555	22.8	0.0000218	0.000619	0.000304	0.00102	0.0656	0.0000114	2.69	4.5	0.0517	0.000974	5.28	0.00248	0.0498	0.000348	0.000252	0.000117	0.166	0.0000022	0.000605	0.000653	0.00171

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2084 Dec	84.4	0.0553	0.0182	0.00111	14.6	0.0402	23.1	0.000925	0.000925	0.00000468	0.00694	0.00147	0.0324	0.0253	0.00000522	22.9	0.0000205	0.000622	0.000317	0.000998	0.0653	0.0000107	2.71	4.58	0.0542	0.000981	5.24	0.00247	0.047	0.000373	0.000242	0.000118	0.169	0.00000207	0.000617	0.000653	0.00157	
2085 Jan	84.5	0.0553	0.0182	0.00111	14.6	0.0402	23.1	0.000925	0.000925	0.00000468	0.00694	0.00147	0.0325	0.0253	0.00000522	22.9	0.0000205	0.000623	0.000317	0.000998	0.0653	0.0000107	2.71	4.59	0.0542	0.000983	5.24	0.00248	0.047	0.000373	0.000243	0.000118	0.169	0.00000207	0.000619	0.000653	0.00157	
2085 Feb	84.5	0.0553	0.0182	0.00111	14.6	0.0403	23.1	0.000925	0.000925	0.00000468	0.00694	0.00147	0.0325	0.0253	0.00000522	22.9	0.0000206	0.000623	0.000317	0.000998	0.0653	0.0000107	2.71	4.59	0.0542	0.000984	5.24	0.00248	0.047	0.000373	0.000243	0.000118	0.169	0.00000207	0.000619	0.000653	0.00157	
2085 Mar	84.6	0.0553	0.0182	0.00111	14.6	0.0403	23.1	0.000925	0.000925	0.00000469	0.00694	0.00147	0.0325	0.0253	0.00000523	22.9	0.0000206	0.000624	0.000317	0.000998	0.0653	0.0000107	2.71	4.59	0.0542	0.000985	5.24	0.00248	0.047	0.000373	0.000243	0.000118	0.169	0.00000207	0.000619	0.000653	0.00157	
2085 Apr	84.8	0.0555	0.0183	0.00111	14.7	0.0404	23.2	0.000928	0.000928	0.00000473	0.00696	0.00148	0.0326	0.0254	0.00000524	23	0.0000206	0.000626	0.000318	0.001	0.0655	0.0000107	2.72	4.61	0.0544	0.000988	5.26	0.00249	0.0472	0.000374	0.000243	0.000119	0.17	0.00000207	0.000621	0.000655	0.00158	
2085 May	87.7	0.0566	0.0189	0.00111	15.3	0.0398	23.5	0.000933	0.000933	0.00000473	0.00697	0.00153	0.0326	0.0271	0.00000527	24.3	0.0000211	0.000643	0.000349	0.00103	0.07	0.0000108	2.79	4.8	0.0601	0.000983	5.47	0.00254	0.048	0.000426	0.000252	0.000124	0.177	0.00000209	0.000623	0.000715	0.00161	
2085 Jun	88.7	0.0559	0.0198	0.0011	15.8	0.0379	23	0.000924	0.000924	0.00000468	0.00685	0.00155	0.0316	0.0282	0.0000052	25	0.0000212	0.000642	0.000374	0.00104	0.0731	0.0000107	2.79	4.87	0.0647	0.000943	5.64	0.00253	0.0478	0.000471	0.000256	0.000126	0.18	0.00000206	0.000604	0.000767	0.00162	
2085 Jul	91.1	0.0567	0.0202	0.00114	16.1	0.0395	23.6	0.00096	0.00096	0.00000486	0.00708	0.0016	0.0326	0.0289	0.0000054	25.6	0.0000218	0.00066	0.000381	0.00107	0.0751	0.0000111	2.87	5	0.0659	0.000971	5.78	0.00261	0.0495	0.000479	0.000264	0.00013	0.184	0.00000214	0.000623	0.000782	0.00168	
2085 Aug	90.8	0.0559	0.0198	0.00114	16	0.0405	23.9	0.000968	0.000968	0.0000049	0.00708	0.0016	0.033	0.0286	0.0000054 5	25.4	0.0000214	0.00066	0.000373	0.00107	0.0742	0.0000112	2.88	4.98	0.0644	0.000986	5.73	0.00262	0.0496	0.000464	0.000261	0.00013	0.184	0.00000216	0.00063	0.000759	0.00167	
2085 Sep	89.6	0.0568	0.0186	0.00111	15.4	0.0416	24.4	0.000952	0.000952	0.00000482	0.00703	0.00157	0.0339	0.0276	0.00000539	24.8	0.0000209	0.000661	0.000353	0.00105	0.0708	0.0000111	2.88	4.94	0.0608	0.00102	5.52	0.00262	0.0488	0.000427	0.000253	0.000128	0.182	0.00000213	0.000648	0.000711	0.00162	
2085 Oct	89	0.0584	0.0178	0.00109	15.1	0.0424	25	0.000936	0.000936	0.00000475	0.00702	0.00155	0.0347	0.0269	0.00000533	24.3	0.0000207	0.000666	0.000338	0.00104	0.0684	0.0000111	2.89	4.93	0.0581	0.00106	5.38	0.00263	0.0482	0.0004	0.000249	0.000126	0.181	0.00000211	0.000669	0.000677	0.00157	
2085 Nov	89.1	0.0591	0.0176	0.00108	14.9	0.043	25.5	0.000928	0.000928	0.00000471	0.00701	0.00153	0.0354	0.0265	0.00000531	24.1	0.0000206	0.000672	0.000331	0.00104	0.0671	0.0000111	2.91	4.95	0.0568	0.00109	5.32	0.00265	0.0479	0.000386	0.000247	0.000126	0.181	0.0000021	0.000686	0.000659	0.00155	
2085 Dec	89.2	0.0591	0.0176	0.00108	14.9	0.0431	25.7	0.000928	0.000928	0.00000471	0.00702	0.00154	0.0356	0.0265	0.00000531	24.1	0.0000207	0.000675	0.000331	0.00104	0.0671	0.0000111	2.92	4.97	0.0569	0.0011	5.32	0.00266	0.0479	0.000385	0.000248	0.000126	0.182	0.0000021	0.00069	0.000659	0.00155	
2086 Jan	89.3	0.0591	0.0176	0.00108	14.9	0.0431	25.7	0.000928	0.000928	0.0000047	0.00702	0.00154	0.0357	0.0265	0.00000531	24.1	0.0000207	0.000675	0.000331	0.00104	0.0671	0.0000111	2.92	4.97	0.0569	0.0011	5.32	0.00266	0.0479	0.000385	0.000248	0.000126	0.182	0.0000021	0.000691	0.000659	0.00155	
2086 Feb	89.3	0.0591	0.0176	0.00108	14.9	0.0431	25.7	0.000928	0.000928	0.00000471	0.00702	0.00154	0.0357	0.0265	0.00000531	24.1	0.0000207	0.000676	0.000331	0.00104	0.0671	0.0000111	2.92	4.97	0.0569	0.0011	5.32	0.00266	0.0479	0.000385	0.000248	0.000126	0.182	0.0000021	0.000692	0.000659	0.00155	
2086 Mar	89.4	0.0591	0.0176	0.00109	14.9	0.0432	25.7	0.000928	0.000928	0.00000471	0.00702	0.00154	0.0357	0.0265	0.00000532	24.1	0.0000207	0.000676	0.000331	0.00104	0.0671	0.0000111	2.92	4.97	0.0569	0.0011	5.32	0.00266	0.0479	0.000386	0.000248	0.000126	0.182	0.0000021	0.000692	0.00066	0.00155	
2086 Apr	89.7	0.0593	0.0177	0.00109	15	0.0433	25.8	0.000932	0.000932	0.00000473	0.00705	0.00154	0.0358	0.0266	0.00000534	24.2	0.0000208	0.000679	0.000332	0.00104	0.0674	0.0000111	2.94	4.99	0.0572	0.0011	5.34	0.00268	0.0481	0.000387	0.00025	0.000127	0.183	0.00000211	0.000695	0.000662	0.00156	
2086 May	91.7	0.0602	0.0181	0.0011	15.3	0.0437	26.3	0.000943	0.000943	0.00000478	0.00713	0.00158	0.0364	0.0274	0.00000541	24.9	0.0000212	0.000694	0.000345	0.00106	0.0694	0.0000112	3	5.12	0.0595	0.00112	5.46	0.00273	0.0488	0.000407	0.000256	0.00013	0.187	0.00000214	0.000707	0.000688	0.00158	
2086 Jun	87.6	0.052	0.0192	0.00109	14.8	0.039	24.6	0.000901	0.000901	0.00000457	0.00676	0.0015	0.034	0.0263	0.00000515	23.7	0.0000211	0.000661	0.000341	0.000996	0.0676	0.0000106	2.84	4.86	0.0596	0.00101	5.32	0.0026	0.0458	0.000417	0.000261	0.000125	0.178	0.00000204	0.000661	0.00071	0.00159	
2086 Jul	87.3	0.0502	0.0196	0.00113	14.8	0.0394	24.4	0.00093	0.00093	0.00000471	0.00694	0.0015	0.034	0.026	0.00000529	23.4	0.0000216	0.000657	0.000332	0.000998	0.0672	0.0000108	2.83	4.79	0.0579	0.001	5.32	0.0026	0.0466	0.000403	0.000267	0.000124	0.176	0.00000209	0.000658	0.000705	0.00166	
2086 Aug	88.2	0.0501	0.0194	0.00115	14.8	0.0408	24.9	0.000949	0.000949	0.00000481	0.00702	0.00152	0.0348	0.0261	0.0000054	23.6	0.0000216	0.000665	0.00033	0.00101	0.0673	0.0000111	2.87	4.85	0.0574	0.00103	5.35	0.00264	0.0474	0.000396	0.000268	0.000126	0.178	0.00000214	0.000672	0.000694	0.00167	
2086 Sep	86.8	0.0507	0.0183	0.00113	14.5	0.0418	24.9	0.000941	0.000941	0.00000477	0.00696	0.0015	0.035	0.0253	0.00000536	23.1	0.0000209	0.000659	0.000314	0.000999	0.0648	0.000011	2.85	4.77	0.0544	0.00105	5.2	0.00261	0.0468	0.000367	0.000258	0.000124	0.175	0.00000212	0.000673	0.000652	0.00162	
2086 Oct	87.1	0.052	0.0179	0.00112	14.4	0.0424	25.3	0.000938	0.000938	0.00000476	0.007	0.0015	0.0357	0.0252	0.00000537	23	0.0000209	0.000666	0.000309	0.001	0.0642	0.0000111	2.87	4.81	0.0536	0.00107	5.16	0.00264	0.0469	0.000357	0.000257	0.000124	0.176	0.00000212	0.000688	0.00064	0.00161	
2086 Nov	87.5	0.0521	0.018	0.00112	14.4	0.0426	25.6	0.00094	0.00094	0.00000477	0.00702	0.0015	0.036	0.0252	0.00000538	23.1	0.000021	0.000671	0.00031	0.001	0.0643	0.0000111	2.89	4.84	0.0538	0.00108	5.17	0.00265	0.047	0.000358	0.000258	0.000124	0.177	0.00000213	0.000694	0.000642	0.00161	
2086 Dec	87.7	0.0521	0.018	0.00112	14.4	0.0427	25.7	0.00094	0.00094	0.00000477	0.00702	0.0015	0.0361	0.0253	0.00000538	23.1	0.000021	0.000673	0.00031	0.001	0.0643	0.0000111	2.9	4.85	0.0538	0.00108	5.17	0.00266	0.047	0.000358	0.000259	0.000125	0.178	0.00000213	0.000697	0.000642	0.00161	
2087 Jan	87.7	0.0521	0.018	0.00112	14.4	0.0427	25.7	0.00094	0.00094	0.00000477	0.00702	0.00151	0.0361	0.0253	0.00000539	23.1	0.000021	0.000673	0.00031	0.001	0.0643	0.0000111	2.9	4.85	0.0539	0.00109	5.17	0.00266	0.047	0.000358	0.000259	0.000125	0.178	0.00000213	0.000698	0.000642	0.00162	
2087 Feb	87.7	0.0521	0.018	0.00112	14.4	0.0427	25.7	0.00094	0.00094	0.00000477	0.00702	0.00151	0.0361	0.0253	0.00000539	23.1	0.000021	0.000673	0.00031	0.001	0.0643	0.0000111	2.9	4.85	0.0539	0.00109	5.17	0.00266	0.047	0.000358	0.000259	0.000125	0.178	0.00000213	0.000698	0.000642	0.00162	
2087 Mar	87.8	0.0522	0.018	0.00112	14.4	0.0428	25.7	0.000941	0.000941	0.00000477	0.00703	0.00151	0.0362	0.0253	0.00000539	23.2	0.000021	0.000674	0.000311	0.001	0.0643	0.0000111	2.9	4.86	0.0539	0.00109	5.17	0.00267	0.047	0.000358	0.000259	0.000125	0.178	0.00000213	0.000699	0.000643	0.00162	
2087 Apr	88	0.0523	0.018	0.00112	14.4	0.0429	25.8	0.000943	0.000943	0.00000478	0.00704	0.00151	0.0363	0.0253	0.0000054	23.2	0.0000211	0.000675	0.000311	0.00101	0.0645	0.0000112	2.91	4.87	0.054	0.00109	5.19	0.00267	0.0471	0.000359	0.00026	0.000125	0.178	0.00000214	0.0007	0.000644	0.00162	
2087 May	89.5	0.053	0.0186	0.00113	14.8	0.0425	25.9	0.000944	0.000944	0.00000479	0.00704	0.00154	0.0362	0.0262	0.00000541	23.9	0.0000213	0.000684	0.000327	0.00102	0.0667	0.0000112	2.95	4.97	0.057	0.00109	5.31	0.0027	0.0474	0.000386	0.000264	0.000128	0.182	0.00000214	0.000702	0.000675	0.00163	
2087 Jun	89.3	0.0515	0.0198	0.00111	15.3	0.0392	24.7	0.000919	0.000919	0.00000466	0.00679	0.00154	0.034	0.0272	0.00000524	24.4	0.0000213	0.000669	0.000356	0.00102	0.0699	0.0000108	2.88	4.95	0.0622	0.00101	5.48	0.00263	0.0465	0.000441	0.000266	0.000129	0.182	0.00000207	0.00066	0.000736	0.00163	
2087 Jul	90	0.0512	0.0198	0.00114	15.4	0.0401	24.8	0.000946	0.000946	0.00000479	0.00694	0.00156	0.0343	0.0274	0.00000538	24.6	0.0000215	0.000672	0.000356	0.00103	0.0708	0.000011	2.9	4.97	0.062	0.00101	5.52	0.00266	0.0477	0.000439	0.000269	0.000129	0.183	0.00000213	0.000663	0.000738	0.00167	
2087 Aug	92.4	0.0523	0.0202	0.00117	15.7	0.0417	25.5	0.000979	0.000979	0.00000496	0.00715	0.00161	0.0354	0.0281	0.00000556	25.2	0.000022	0.00069	0.000363	0.00107	0.0726	0.0000114	2.99	5.11	0.0633	0.00105	5.67	0.00273	0.0492	0.000447	0.000276	0.000133	0.188	0.0000022	0.000683	0.000751	0.00172	
2087 Sep	93.5	0.054	0.0201	0.00118	15.9	0.0427	26	0.00099	0.00099	0.00000502	0.00727	0.00162	0.0362	0.0283	0.00000563	25.4	0.0000222	0.000701	0.000363	0.00108	0.0729	0.0000116	3.03	5.17	0.0631	0.00107	5.7	0.00277	0.0499	0.000443	0.000277	0.000134	0.19	0.00000223	0.000697	0.000748	0.00173	
2087 Oct	93	0.0552	0.0196	0.00117	15.7	0.0432	26.2	0.000983	0.000983	0.00000498	0.00728	0.00161	0.0364	0.0279	0.0000056	25.2	0.0000221	0.0007	0.000355	0.00107	0.0716	0.0000115	3.03	5.15	0.0616	0.00109	5.62	0.00277	0.0497	0.000428	0.000273	0.000133	0.189	0.00000222	0.000704	0.00729	0.0017	
2087 Nov	92.9	0.0557	0.0194	0.00116	15.6	0.0433	26.3	0.00098	0.00098	0.00000497	0.00728	0.00161	0.0366	0.0278	0.00000559	25.1	0.0000221	0.000701	0.000352	0.00107	0.0711	0.0000115	3.03	5.15	0.0611	0.0011	5.59	0.00277	0.0497	0.000422	0.000272	0.000133	0.189	0.00000221	0.000707	0.000721	0.00169	
2087 Dec	93.1	0.0557	0.0194	0.00116	15.6	0.0435	26.4	0.00098	0.00098	0.00000497	0.00728	0.00161	0.0368	0.0278	0.00000559	25.1	0.0000221	0.000704	0.000352	0.00107	0.0711	0.0000115	3.04	5.16	0.0611	0.0011	5.59	0.00278	0.0496	0.000422	0.000273	0.000133	0.189	0.00000221	0.000712	0.000722	0.00169	
2088 Jan	93.1	0.0557	0.0194	0.00116	15.6	0.0435	26.5	0.00098	0.00098	0.00000497	0.00728	0.00161	0.0368	0.0278	0.00000559	25.1	0.0000221	0.000704	0.000352	0.00107	0.0711	0.0000116	3.04	5.17	0.0611	0.0011	5.59	0.00278	0.0496	0.000422	0.000273	0.000133	0.19	0.00000221	0.000713	0.000722	0.00169	
2088 Feb	93.2	0.0557	0.0194	0.00116	15.6	0.0435	26.5	0.00098	0.00098	0.00000497	0.00728	0.00161	0.0368	0.0278	0.0000056	25.1	0.0000221	0.000705	0.000352	0.00107	0.0712	0.0000116	3.04	5.17	0.0612	0.0011	5.59	0.00278	0.0497	0.000422	0.000273	0.000133	0.19	0.00000221	0.000713	0.000722	0.00169	
2088 Mar	93.2	0.0558	0.0194	0.00116	15.6	0.0435	26.5	0.000981	0.000981	0.00000497	0.00729	0.00161	0.0369	0.0278	0.0000056	25.2	0.0000221	0.000705	0.000352	0.00107	0.0712	0.0000116	3.05	5.18	0.0612	0.00111	5.6	0.00279	0.0497	0.000422	0.000273	0.000133	0.19	0.00000221	0.000714	0.000723	0.00169	
2088 Apr	94	0.0562	0.0195	0.00117	15.7	0.0439	26.7	0.000988	0.000988	0.00000501	0.00735	0.00162	0.0371	0.028	0.00000564	25.3	0.0000223	0.000711	0.000355	0.00108	0.0718	0.0000117	3.07	5.22	0.0617	0.00111	5.64	0.00281	0.0501	0.000426	0.000276	0.000134	0.191	0.00000223	0.00072	0.000728	0.00171	
2088 May	95.7	0.0573	0.0199	0.00119	16	0.0446	27.1	0.001	0.001	0.00000509	0.00747	0.00165	0.0377	0.0286	0.00000574	25.9	0.0000227	0.000723	0.000363	0.0011	0.0732	0.0000118	3.12	5.31	0.0631	0.00113	5.75	0.00286	0.051	0.000434	0.00028	0.000137	0.195	0.00000227	0.000731	0.000744	0.00174	
2088 Jun	87.7	0.0482	0.0178	0.00114	14.1	0.0411	25	0.000974	0.000974	0.00000494	0.00731	0.00152	0.0355	0.0256	0.00000554	23.3	0.0000227	0.000673	0.000319	0.00101	0.0668	0.0000114	2.88	4.84	0.0559	0.00104	5.13	0.00267	0.0485	0.000378	0.00028	0.000125	0.177	0.00000219	0.00068	0.0007	0.00176	
2088 Jul	88.3	0.0471	0.0179	0.00117	14.1	0.0417	25.2	0.00101	0.00101	0.00000051	0.00756	0.00154	0.0361	0.0256	0.0000057	23.3	0.0000235	0.000679	0.000315	0.00102	0.0672	0.0000118	2.9	4.84	0.0552	0.00104	5.14	0.0027	0.0497	0.000371	0.00029	0.000126	0.177	0.00000226	0.000686	0.000707	0.00184	
2088 Aug	92.7	0.0494	0.0187	0.00123	14.8	0.0441	26.5	0.00106	0.00106	0.00000536	0.00793	0.00162	0.038	0.0268	0.000006	24.4	0.0000246	0.000713	0.000329	0.00107	0.0703	0.0000124	3.05	5.09	0.0576	0.0011	5.39	0.00284	0.0522	0.000386	0.000303	0.000132	0.186	0.00000237	0.000722	0.000736	0.00193	
2088 Sep	93.7	0.0505	0.0186	0.00124	14.9	0.045	27	0.00107	0.00107	0.00000541	0.00801	0.00163	0.0387	0.027	0.00000606	24.6	0.0000247	0.000723	0.00033	0.00108	0.0705	0.0000125	3.1	5.15	0.0577	0.00112	5.42	0.00288	0.0527	0.000384	0.000305	0.000134	0.188	0.0000024	0.000737	0.000735	0.00193	
2088 Oct	90.4	0.0532	0.0172	0.00118	14.3	0.0448	26.3	0.00103	0.00103	0.00000522	0.00785	0.00157	0.0378	0.0257	0.00000585	23.6	0.0000237	0.000698	0.000308	0.00105	0.0668	0.0000121	2.99	4.96	0.0534	0.00112	5.18	0.00278	0.0514	0.000347	0.000285	0.000128	0.181	0.00000232	0.000719	0.000679	0.00183	
2088 Nov	90.1	0.0539	0.0169	0.00117	14.2	0.0451	26.5	0.00102	0.00102	0.00000519	0.00784	0.00156	0.038	0.0255	0.00000583	23.5	0.0000236	0.000699	0.000304	0.00105	0.0661	0.0000121	2.99	4.96	0.0526	0.00113	5.14	0.00278	0.0513	0.000339	0.000283	0.000127	0.181	0.00000231	0.000724	0.000668	0.00181	
2088 Dec	90.3	0.0539	0.0169	0.00117	14.2	0.0452	26.6	0.00102	0.00102	0.00000519	0.00785	0.00156	0.0381	0.0255	0.00000583	23.6	0.0000236	0.000701	0.000304	0.00105	0.0661	0.0000121	3	4.97	0.0527	0.00113	5.14	0.00278	0.0513	0.000339	0.000284	0.000127	0.181	0.00000231	0.000727	0.000668	0.00181	
2089 Jan	90.3	0.0539	0.0169	0.00117	14.2	0.0452	26.6	0.00102	0.00102	0.00000519	0.00785	0.00156	0.0381	0.0255	0.00000583	23.6	0.0000236	0.000701	0.000304	0.00105	0.0661	0.0000121	3	4.97	0.0527	0.00113	5.14	0.00278	0.0513	0.000339	0.000284	0.000127	0.181	0.00000231	0.000728	0.000668	0.00181	
2089 Feb	90.3	0.054	0.0169	0.00117	14.2	0.0452	26.6	0.00102	0.00102	0.00000519	0.00785	0.00156	0.0381	0.0255	0.00000583	23.6	0.0000236	0.000701	0.000304	0.00105	0.0661	0.0000121	3	4.97	0.0527	0.00113	5.14	0.00279	0.0513	0.000339	0.000284	0.000127	0.181	0.00000231	0.000728	0.000668	0.00181	
2089 Mar	90.4	0.054	0.0169	0.00117	14.2	0.0452	26.6	0.00103	0.00103	0.0000052	0.00786	0.00157	0.0382	0.0256	0.00000584	23.6	0.0000237	0.000702	0.000305	0.00105	0.0662	0.0000121	3.01	4.98	0.0528	0.00113	5.14	0.00279	0.0513	0.00034	0.000284	0.000127	0.182	0.00000231	0.000729	0.000669	0.00181	
2089 Apr	90.9	0.0543	0.017	0.00118	14.3	0.0455	26.8	0.00103	0.00103	0.00000522	0.00789	0.00157	0.0384	0.0257	0.00000587	23.7	0.0000238	0.000705	0.000306	0.00105	0.0665	0.0000122	3.02	5	0.053	0.00114	5.17	0.0028	0.0516	0.000341	0.000285	0.000128	0.183	0.00000232	0.000732	0.000672	0.00182	
2089 May	92.5	0.0553	0.0177	0.00118	14.8	0.0446	26.6	0.00103	0.00103	0.00000521	0.00784	0.00161	0.0378	0.0269	0.00000585	24.6	0.0000239	0.00071	0.00033	0.00107	0.0697	0.0000121	3.04	5.1	0.0572	0.00112	5.35	0.00281	0.0519	0.000381	0.000288	0.000131	0.187	0.00000231	0.000722	0.000715	0.00183	
2089 Jun	92	0.0547	0.019	0.00116	15.5	0.0409	24.7	0.000999	0.000999	0.00000506	0.0075	0.00161	0.0347	0.0283	0.00000564	25.3	0.0000234	0.000684	0.000365	0.00107	0.0739	0.0000116	2.95	5.06	0.0635	0.00102	5.58	0.0027	0.051	0.000449	0.000283	0.000131	0.186	0.00000223	0.000661	0.000781	0.0018	
2089 Jul	93.1

Appendix D.2-31: CH6

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	44.4	0.0339	0.00788	0.000974	8.93	0.0252	3.23	0.000974	0.000974	0.00000487	0.00693	0.00105	0.00954	0.0155	0.00000487	13.4	0.0000174	0.000219	0.000149	0.000767	0.052	0.00000974	1.07	1.62	0.0208	0.000209	3.47	0.00109	0.0481	0.000147	0.000139	0.0000513	0.0664	0.00000195	0.0000592	0.000464	0.00158	
Operation (2026-2036): Mean	53	0.0483	0.00998	0.00107	11.5	0.0302	4.13	0.00107	0.00107	0.00000534	0.00771	0.00121	0.0107	0.02	0.00000534	17	0.0000195	0.000256	0.000225	0.000896	0.0639	0.0000107	1.26	2.14	0.0334	0.000268	4.27	0.00122	0.0521	0.000259	0.00017	0.0000635	0.0861	0.00000214	0.0000677	0.000565	0.00182	
Operation (2026-2036): Max	67.4	0.0671	0.0135	0.00116	15.4	0.0335	5.52	0.00116	0.00116	0.00000581	0.0084	0.00148	0.0117	0.0273	0.00000581	22.9	0.000022	0.00032	0.000342	0.00109	0.0924	0.0000116	1.59	2.94	0.0527	0.000327	5.57	0.00146	0.0561	0.000427	0.000201	0.0000838	0.117	0.00000232	0.0000788	0.000738	0.00206	
2092 Jun	87	0.0512	0.0199	0.00109	14.9	0.0383	24.7	0.000866	0.000866	0.00000439	0.00647	0.00147	0.0339	0.0259	0.00000498	23.4	0.0000203	0.000658	0.000337	0.000971	0.0657	0.0000102	2.83	4.82	0.0591	0.00102	5.3	0.00258	0.0438	0.000412	0.000255	0.000125	0.177	0.00000197	0.000666	0.000691	0.00152	
2092 Jul	84.7	0.0484	0.0196	0.00111	14.5	0.0378	23.8	0.00088	0.00088	0.00000446	0.00654	0.00144	0.0331	0.025	0.00000503	22.6	0.0000205	0.000638	0.000322	0.000954	0.0641	0.0000103	2.75	4.65	0.0563	0.000981	5.18	0.00252	0.0439	0.000391	0.000255	0.000121	0.171	0.00000199	0.000644	0.000675	0.00156	
2092 Aug	87.8	0.0499	0.0201	0.00114	14.9	0.0397	25	0.000912	0.000912	0.00000463	0.00677	0.00149	0.0347	0.0258	0.00000522	23.3	0.0000211	0.000665	0.00033	0.000988	0.0659	0.0000107	2.86	4.83	0.0577	0.00103	5.33	0.00262	0.0455	0.000398	0.000264	0.000126	0.178	0.00000207	0.000675	0.00069	0.00161	
2092 Sep	88.9	0.0504	0.0196	0.00113	14.8	0.0411	26	0.000913	0.000913	0.00000463	0.0068	0.0015	0.0362	0.0257	0.00000526	23.4	0.0000211	0.000684	0.000324	0.00099	0.065	0.0000108	2.94	4.93	0.0569	0.00108	5.27	0.00269	0.0454	0.000385	0.000265	0.000127	0.181	0.00000208	0.000708	0.000673	0.0016	
2092 Oct	89.8	0.0516	0.019	0.00112	14.6	0.0422	27.1	0.000906	0.000906	0.0000046	0.00684	0.0015	0.0377	0.0255	0.00000526	23.4	0.0000212	0.000702	0.000318	0.000991	0.0639	0.0000109	3	5.02	0.056	0.00113	5.2	0.00275	0.0453	0.000371	0.000267	0.000129	0.183	0.00000208	0.000741	0.000658	0.00158	
2092 Nov	90.6	0.0518	0.0189	0.00112	14.5	0.0428	27.8	0.000905	0.000905	0.0000046	0.00686	0.00151	0.0386	0.0255	0.00000528	23.5	0.0000213	0.000715	0.000318	0.000993	0.0637	0.0000109	3.05	5.09	0.056	0.00116	5.18	0.00279	0.0453	0.000368	0.00027	0.00013	0.186	0.00000208	0.000762	0.000655	0.00158	
2092 Dec	90.8	0.0519	0.0189	0.00112	14.5	0.0429	27.9	0.000905	0.000905	0.0000046	0.00686	0.00151	0.0387	0.0255	0.00000528	23.5	0.0000213	0.000717	0.000318	0.000994	0.0637	0.0000109	3.06	5.11	0.0561	0.00117	5.18	0.0028	0.0453	0.000369	0.000271	0.00013	0.186	0.00000209	0.000765	0.000656	0.00158	
2093 Jan	90.9	0.0519	0.0189	0.00112	14.5	0.0429	28	0.000905	0.000905	0.0000046	0.00687	0.00151	0.0388	0.0255	0.00000528	23.5	0.0000213	0.000718	0.000318	0.000994	0.0637	0.0000111	3.06	5.11	0.0561	0.00117	5.18	0.0028	0.0453	0.000368	0.000271	0.000131	0.186	0.00000209	0.000767	0.000656	0.00158	
2093 Feb	90.9	0.0519	0.0189	0.00112	14.5	0.0429	28	0.000905	0.000905	0.0000046	0.00687	0.00151	0.0388	0.0255	0.00000529	23.5	0.0000213	0.000718	0.000318	0.000995	0.0637	0.0000111	3.06	5.12	0.0561	0.00117	5.18	0.00281	0.0453	0.000369	0.000271	0.000131	0.187	0.00000209	0.000768	0.000656	0.00158	
2093 Mar	91.2	0.052	0.0189	0.00112	14.6	0.0431	28.1	0.000907	0.000907	0.00000461	0.00688	0.00152	0.0389	0.0256	0.0000053	23.6	0.0000214	0.00072	0.000319	0.000997	0.0639	0.0000111	3.07	5.13	0.0562	0.00117	5.19	0.00282	0.0454	0.000369	0.000272	0.000131	0.187	0.00000209	0.000771	0.000657	0.00159	
2093 Apr	91.6	0.0522	0.019	0.00112	14.7	0.0433	28.3	0.000911	0.000911	0.00000463	0.00692	0.00152	0.0391	0.0257	0.00000533	23.7	0.0000215	0.000724	0.00032	0.001	0.0642	0.0000111	3.09	5.16	0.0565	0.00118	5.22	0.00283	0.0456	0.000371	0.000273	0.000132	0.188	0.0000021	0.000775	0.000661	0.00159	
2093 May	94.2	0.0533	0.0194	0.00113	15	0.0436	29	0.000922	0.000922	0.00000468	0.007	0.00157	0.0399	0.0268	0.00000539	24.6	0.0000222	0.000745	0.000338	0.00103	0.0668	0.0000112	3.17	5.34	0.0598	0.0012	5.36	0.0029	0.0464	0.000398	0.000281	0.000136	0.194	0.00000213	0.000793	0.000695	0.00162	
2093 Jun	93.2	0.0508	0.0201	0.0011	15.2	0.0401	27.6	0.000893	0.000893	0.00000454	0.00673	0.00156	0.0376	0.0275	0.00000521	24.9	0.0000219	0.000727	0.000362	0.00101	0.0695	0.0000108	3.09	5.29	0.0644	0.00112	5.43	0.00282	0.0454	0.000448	0.000283	0.000136	0.193	0.00000206	0.000749	0.000751	0.00162	
2093 Jul	94.4	0.0508	0.0203	0.00113	15.4	0.0411	27.8	0.000925	0.000925	0.0000047	0.00693	0.00159	0.0381	0.0278	0.00000537	25.2	0.0000224	0.000733	0.000364	0.00104	0.0707	0.0000111	3.13	5.33	0.0645	0.00113	5.51	0.00286	0.0467	0.000448	0.000289	0.000137	0.195	0.00000212	0.000754	0.000758	0.00168	
2093 Aug	96.2	0.0513	0.0205	0.00116	15.6	0.0426	28.5	0.000952	0.000952	0.00000483	0.00708	0.00162	0.0391	0.0283	0.00000552	25.6	0.0000227	0.000748	0.000367	0.00106	0.0718	0.0000114	3.2	5.43	0.065	0.00116	5.61	0.00293	0.0479	0.00045	0.000293	0.00014	0.199	0.00000218	0.000773	0.000761	0.00171	
2093 Sep	96.5	0.0528	0.02	0.00115	15.5	0.0436	29	0.000953	0.000953	0.00000484	0.00714	0.00162	0.0398	0.0281	0.00000555	25.6	0.0000227	0.000755	0.000361	0.00106	0.071	0.0000115	3.22	5.47	0.0639	0.00119	5.56	0.00295	0.0481	0.000437	0.000292	0.00014	0.199	0.00000219	0.000788	0.000745	0.0017	
2093 Oct	93.2	0.0556	0.0181	0.0011	14.7	0.0441	28.7	0.000919	0.000919	0.00000467	0.00706	0.00156	0.0395	0.0265	0.00000537	24.4	0.0000218	0.000736	0.000332	0.00103	0.0664	0.0000112	3.14	5.29	0.0583	0.0012	5.25	0.00287	0.047	0.000386	0.000274	0.000134	0.192	0.00000212	0.000785	0.000677	0.0016	
2093 Nov	92.3	0.0574	0.0176	0.00109	14.5	0.0446	28.8	0.000911	0.000911	0.00000463	0.00706	0.00154	0.0397	0.0259	0.00000534	24	0.0000216	0.000731	0.00032	0.00102	0.0646	0.0000111	3.12	5.24	0.0561	0.00122	5.16	0.00285	0.0468	0.000365	0.000268	0.000132	0.19	0.00000211	0.000788	0.00065	0.00156	
2093 Dec	92.5	0.0574	0.0176	0.00109	14.5	0.0447	28.9	0.000911	0.000911	0.00000463	0.00707	0.00154	0.0398	0.026	0.00000534	24	0.0000216	0.000734	0.00032	0.00102	0.0647	0.0000112	3.13	5.25	0.0561	0.00122	5.16	0.00286	0.0468	0.000365	0.000268	0.000132	0.191	0.00000211	0.000792	0.00065	0.00156	
2094 Jan	92.6	0.0574	0.0176	0.00109	14.5	0.0448	29	0.000911	0.000911	0.00000463	0.00707	0.00154	0.0399	0.026	0.00000534	24	0.0000216	0.000735	0.00032	0.00102	0.0647	0.0000112	3.13	5.26	0.0562	0.00122	5.16	0.00287	0.0468	0.000365	0.000269	0.000132	0.191	0.00000211	0.000793	0.00065	0.00156	
2094 Feb	92.6	0.0574	0.0176	0.00109	14.5	0.0448	29	0.000911	0.000911	0.00000463	0.00707	0.00154	0.0399	0.026	0.00000534	24	0.0000216	0.000735	0.00032	0.00102	0.0647	0.0000112	3.14	5.26	0.0562	0.00122	5.16	0.00287	0.0468	0.000365	0.000269	0.000132	0.191	0.00000211	0.000794	0.00065	0.00156	
2094 Mar	92.7	0.0574	0.0176	0.00109	14.6	0.0449	29	0.000912	0.000912	0.00000464	0.00708	0.00154	0.04	0.026	0.00000535	24.1	0.0000217	0.000736	0.00032	0.00103	0.0647	0.0000112	3.14	5.27	0.0562	0.00122	5.17	0.00287	0.0468	0.000365	0.000269	0.000132	0.191	0.00000211	0.000795	0.000651	0.00157	
2094 Apr	93	0.0576	0.0177	0.00109	14.6	0.045	29.1	0.000915	0.000915	0.00000465	0.0071	0.00155	0.0401	0.0261	0.00000537	24.2	0.0000218	0.000739	0.00032	0.00103	0.065	0.0000112	3.15	5.29	0.0564	0.00123	5.19	0.00288	0.047	0.000366	0.00027	0.000133	0.192	0.00000212	0.000798	0.000653	0.00157	
2094 May	95.3	0.0579	0.0185	0.0011	15.1	0.0445	29.5	0.000914	0.000914	0.00000465	0.00707	0.00158	0.0404	0.0272	0.00000537	25	0.000022	0.000754	0.000343	0.00105	0.0677	0.0000112	3.21	5.44	0.0604	0.00123	5.36	0.00293	0.0472	0.000402	0.000277	0.000137	0.198	0.00000212	0.000807	0.000694	0.00158	
2094 Jun	97.6	0.057	0.0203	0.00111	15.9	0.0426	29.3	0.000911	0.000911	0.00000463	0.00697	0.00162	0.0396	0.0288	0.00000534	26.1	0.0000224	0.000763	0.000378	0.00106	0.0722	0.0000111	3.25	5.58	0.0668	0.0012	5.63	0.00296	0.0472	0.000463	0.000287	0.000142	0.203	0.00000211	0.000795	0.000766	0.00162	
2094 Jul	102	0.0592	0.0211	0.00117	16.5	0.0449	30.7	0.000962	0.000962	0.00000489	0.00735	0.0017	0.0416	0.0301	0.00000564	27.3	0.0000236	0.000799	0.000393	0.00112	0.0756	0.0000117	3.41	5.83	0.0696	0.00126	5.88	0.0031	0.0497	0.000481	0.000302	0.000148	0.212	0.00000223	0.000834	0.0008	0.00171	
2094 Aug	108	0.062	0.0221	0.00123	17.4	0.0479	32.9	0.00101	0.00101	0.00000516	0.00774	0.0018	0.0446	0.0316	0.00000596	28.8	0.0000249	0.000851	0.000412	0.00118	0.0793	0.0000124	3.63	6.2	0.0731	0.00134	6.17	0.0033	0.0523	0.000502	0.00032	0.000157	0.225	0.00000235	0.000895	0.000837	0.0018	
2094 Sep	108	0.0634	0.0213	0.00122	17.1	0.0488	33.3	0.00101	0.00101	0.00000514	0.00778	0.00179	0.0452	0.0312	0.00000595	28.5	0.0000247	0.000854	0.000402	0.00117	0.0777	0.0000124	3.63	6.19	0.0711	0.00137	6.07	0.00331	0.0523	0.000481	0.000316	0.000156	0.225	0.00000235	0.000908	0.000811	0.00178	
2094 Oct	106	0.0647	0.0197	0.00117	16.4	0.0493	33.6	0.000981	0.000981	0.00000499	0.00769	0.00174	0.0456	0.0299	0.00000582	27.6	0.0000242	0.000848	0.000378	0.00115	0.0738	0.0000122	3.6	6.1	0.0667	0.0014	5.8	0.00328	0.0511	0.00044	0.000306	0.000152	0.221	0.00000229	0.00092	0.000757	0.0017	
2094 Nov	103	0.0661	0.0182	0.00112	15.7	0.0497	33.5	0.000953	0.000953	0.00000486	0.0076	0.00168	0.0456	0.0285	0.00000568	26.6	0.0000235	0.000834	0.000353	0.00112	0.0699	0.000012	3.54	5.96	0.0622	0.00142	5.52	0.00323	0.0501	0.000398	0.000293	0.000148	0.215	0.00000224	0.000921	0.000703	0.00163	
2094 Dec	103	0.0661	0.018	0.00112	15.6	0.0499	33.7	0.000951	0.000951	0.00000484	0.0076	0.00168	0.0458	0.0285	0.00000568	26.6	0.0000235	0.000837	0.000352	0.00111	0.0696	0.000012	3.55	5.98	0.062	0.00142	5.5	0.00324	0.05	0.000396	0.000293	0.000148	0.216	0.00000224	0.000927	0.000699	0.00162	
2095 Jan	103	0.0661	0.018	0.00112	15.6	0.0499	33.8	0.000951	0.000951	0.00000484	0.0076	0.00168	0.046	0.0285	0.00000568	26.6	0.0000235	0.000839	0.000352	0.00112	0.0696	0.000012	3.56	5.99	0.0621	0.00143	5.5	0.00324	0.05	0.000396	0.000294	0.000148	0.216	0.00000224	0.00093	0.000699	0.00162	
2095 Feb	103	0.0661	0.018	0.00112	15.6	0.0499	33.8	0.000951	0.000951	0.00000484	0.0076	0.00168	0.046	0.0285	0.00000568	26.6	0.0000236	0.00084	0.000352	0.00112	0.0696	0.000012	3.56	5.99	0.0621	0.00143	5.5	0.00324	0.05	0.000396	0.000294	0.000148	0.216	0.00000224	0.000931	0.000699	0.00162	
2095 Mar	103	0.0662	0.0181	0.00112	15.6	0.05	33.9	0.000951	0.000951	0.00000485	0.00761	0.00169	0.0461	0.0285	0.00000569	26.6	0.0000236	0.000841	0.000352	0.00112	0.0696	0.000012	3.56	6	0.0621	0.00143	5.51	0.00325	0.05	0.000396	0.000294	0.000148	0.216	0.00000224	0.000932	0.0007	0.00162	
2095 Apr	104	0.0665	0.0181	0.00113	15.7	0.0502	34	0.000955	0.000955	0.00000487	0.00764	0.00169	0.0463	0.0286	0.00000571	26.7	0.0000237	0.000844	0.000354	0.00112	0.0699	0.0000121	3.58	6.02	0.0624	0.00144	5.53	0.00326	0.0502	0.000398	0.000296	0.000149	0.217	0.00000225	0.000936	0.000703	0.00163	
2095 May	104	0.0665	0.0186	0.00112	16.1	0.0487	33	0.000956	0.000956	0.00000487	0.00758	0.00171	0.0447	0.0296	0.00000568	27.4	0.0000237	0.000834	0.000375	0.00113	0.0731	0.0000112	3.54	6.03	0.0661	0.00138	5.68	0.00322	0.0506	0.000437	0.000296	0.00015	0.218	0.00000224	0.000903	0.000746	0.00165	
2095 Jun	105	0.0662	0.0196	0.00113	16.7	0.0467	31.8	0.000966	0.000966	0.00000492	0.00756	0.00175	0.0428	0.0311	0.00000568	28.3	0.0000241	0.000823	0.000406	0.00115	0.0776	0.0000119	3.5	6.05	0.0714	0.00132	5.91	0.00318	0.0514	0.000491	0.0003	0.000152	0.219	0.00000224	0.000886	0.000811	0.00169	
2095 Jul	109	0.0684	0.0203	0.00118	17.4	0.049	33.1	0.00102	0.00102	0.00000517	0.00791	0.00183	0.0446	0.0324	0.00000597	29.4	0.0000249	0.000856	0.000421	0.00121	0.081	0.0000125	3.65	6.29	0.074	0.00137	6.16	0.00331	0.0539	0.000508	0.000312	0.000158	0.228	0.00000236	0.000895	0.00084	0.00177	
2095 Aug	107	0.0662	0.0195	0.00117	17	0.0492	32.4	0.00101	0.00101	0.00000516	0.00779	0.0018	0.0439	0.0315	0.00000594	28.7	0.0000241	0.000835	0.000405	0.00119	0.0789	0.0000125	3.57	6.13	0.071	0.00135	6.02	0.00325	0.0533	0.000485	0.000303	0.000154	0.223	0.00000234	0.000877	0.000802	0.00174	
2095 Sep	106	0.0659	0.0189	0.00116	16.7	0.0501	32.6	0.00101	0.00101	0.00000516	0.00776	0.00179	0.0445	0.031	0.00000595	28.4	0.0000237	0.000836	0.000394	0.00118	0.0771	0.0000125	3.57	6.11	0.0691	0.00137	5.93	0.00325	0.0529	0.000465	0.000299	0.000154	0.222	0.00000235	0.000885	0.000774	0.00172	
2095 Oct	107	0.0664	0.0187	0.00116	16.6	0.0507	33.2	0.00101	0.00101	0.00000514	0.00778	0.00179	0.0453	0.0309	0.00000595	28.4	0.0000238	0.000847	0.00039	0.00118	0.0765	0.0000126	3.61	6.16	0.0685	0.0014	5.89	0.00329	0.0529	0.000456	0.0003	0.000154	0.223	0.00000235	0.000905	0.000765	0.00171	
2095 Nov	106	0.0673	0.018	0.00114	16.3	0.0509	33.3	0.000999	0.000999	0.00000508	0.00776	0.00176	0.0454	0.0302	0.00000589	28	0.0000235	0.000842	0.000378	0.00117	0.0746	0.0000125	3.59	6.1	0.0663	0.00141	5.77	0.00327	0.0524	0.000436	0.000295	0.000152	0.221	0.00000232	0.000907	0.000739	0.00168	
2095 Dec	106	0.0674	0.0179	0.00114	16.3	0.0512	33.5	0.000997	0.000997	0.00000507	0.00776	0.00176	0.0457	0.0302	0.00000589	27.9	0.0000236	0.000846	0.000377	0.00117	0.0743	0.0000125	3.6	6.12	0.0661	0.00142	5.75	0.00328	0.0524	0.000433	0.000295	0.000152	0.221	0.00000232	0.000915	0.000736	0.00168	
2096 Jan	106	0.0674	0.0179	0.00114	16.2	0.0512	33.6	0.000996	0.000996	0.00000507	0.00776	0.00176	0.0458	0.0302	0.00000589	28	0.0000236	0.000848	0.000377	0.00117	0.0743	0.0000125	3.61	6.13	0.0661	0.00142	5.75	0.00329	0.0523	0.000433	0.000296	0.000153	0.222	0.00000232	0.000918	0.000736	0.00168	
2096 Feb	106	0.0674	0.0179	0.00114	16.3	0.0513	33.7	0.000997	0.000997	0.00000507	0.00777	0.00176	0.0459	0.0302	0.0000059	28	0.0000236	0.000849	0.000377	0.00117	0.0743	0.0000125	3.62	6.14	0.0662	0.00142	5.75	0.00329	0.0524	0.000433	0.000296	0.000153	0.222	0.00000233	0.00092	0.000736	0.00168	
2096 Mar	106	0.0675	0.0179	0.00114	16.3	0.0513	33.7	0.000998	0.000998	0.00000508	0.00777	0.00177	0.046	0.0302	0.0000059	28	0.0000236	0.00085	0.000377	0.00117	0.0744	0.0000125	3.62	6.15	0.0662	0.00143	5.75	0.00329	0.0524	0.000433	0.000297	0.000153	0.222	0.00000233	0.000921	0.000737	0.00168	
2096 Apr	106	0.0677	0.018	0.00114	16.3	0.0515	33.9	0.001	0.001	0.0000051	0.00781	0.00177	0.0461	0.0304	0.00000593	28.1	0.0000237	0.000853	0.000379	0.00117	0.0747	0.0000125	3.63	6.17	0.0665	0.00143	5.78	0.00331	0.0526	0.000435	0.000298	0.000154	0.223	0.00000234	0.000925	0.00074	0.00168	
2096 May	109	0.068	0.0182	0.00114	16.6	0.0521	35.1	0.001	0.001	0.00000511	0.00785	0.00181	0.0477	0.0312	0.00000598	28.9	0.0000242	0.000883	0.000393	0.00119	0.0765	0.0000127	3.75	6.39	0.0694	0.00147	5.86	0.00341	0.0529	0.000456	0.000308	0.000159	0.231	0.00000236	0.000961	0.000767	0.00171	
2096 Jun	99.8	0.054	0.0185	0.0011	14.9	0.0455	32.4	0.000922	0.000922	0.0000047	0.00719	0.00163	0.0441	0.0279	0.0000055	25.8	0.0000235	0.000818	0.000355	0.00106	0.0691	0.0000116	3.45	5.82	0.0638	0.00133	5.32	0.00316	0.0473	0.00042	0.000307	0.000146	0.21	0.00000217	0.000893	0.000736	0.00167	
2096 Jul	99.3	0.0526	0.019	0.00114	14.9	0.0456	32	0.000949	0.000949	0.00000483	0.00736	0.00163	0.0438	0.0275	0.00000563	25.5	0.0000239	0.000813	0.000348	0.00106	0.0689	0.0000118	3.42	5.73	0.0624	0.00131	5.34	0.00314	0.0481	0.000409	0.000311	0.000145	0.207	0.00000222	0.000882	0.000734	0.00173	
2096 Aug	103	0.0546	0.0196	0.00119	15.5	0.0478	33.3	0.00099	0.00099	0.00000504	0.00765	0.0017	0.0457	0.0286	0.00000587	26.5	0.0000247	0.000842	0.000359	0.0011	0.0714	0.0000123	3.56	5.96	0.0644	0.00136	5.55	0.00327	0.0501	0.000421	0.000323	0.000151	0.215	0.00000231	0.000919	0.000756	0.0018	
2096 Sep	101	0.0563	0.0187	0.00116	15.1	0.0482	32.8	0.00098	0.00098	0.00000499	0.00763	0.00167	0.0452	0.0278	0.00000581	25.9	0.0000242	0.000827	0.000344	0.00109	0.0692	0.0000122	3.49	5.83	0.0614	0.00136	5.41	0.00321	0.0497	0.000395	0.000311	0.000147	0.211	0.00000229	0.000906	0.000719	0.00175	
2096 Oct	96.5	0.0597	0.0167	0.00111	14.4	0.048	31.5	0.000947	0.000947	0.00000482	0.00752	0.00159	0.0436	0.0262	0.0000056	24.6	0.0000231	0.000786	0.000315	0.00105	0.0647	0.0000118	3.33	5.53	0.0554	0.00134	5.11	0.00306	0.0487	0.000344	0.000286	0.000138	0.2	0.00000221	0.000869	0.000648	0.00164	
2096 Nov	95.8	0.0608	0.0163	0.0011	14.3	0.0482	31.2	0.000946	0.000946	0.00000481	0.00753	0.00158	0.0433	0.0259	0.00000559	24.4	0.0000229	0.000779	0.00031	0.00105	0.0641	0.0000118	3.3	5.48	0.0543	0.00133	5.08	0.00303	0.0488	0.000336	0.000281	0.000136	0.198	0.0000022	0.000863	0.000636	0.00162	
2096 Dec	95.9	0.0608	0.0163	0.0011	14.3	0.0482	31.3	0.000946	0.000946	0.00000481	0.00753	0.00158	0.0434	0.0259	0.00000559	24.4	0.0000229	0.00078	0.00031	0.00105	0.0641	0.0000118	3.31	5.49	0.0544	0.00134	5.08	0.00304	0.0488	0.000335	0.000282	0.000137	0.198	0.0000022	0.000865	0.000636	0.00162	
2097 Jan	95.9	0.0608	0.0163	0.0011	14.3	0.0483	31.3	0.000945

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
Active Closure (2037-2043): Min	85.2	0.0292	0.0918	0.00343	39.9	0.0347	16.9	0.000548	0.000548	0.00000327	0.00332	0.000802	0.0205	0.01	0.00000532	8.43	0.00000922	0.000306	0.000106	0.00082	0.0157	0.00000251	1.98	1.85	0.0117	0.000644	13.7	0.00153	0.00673	0.0000556	0.00011	0.0000776	0.0868	0.00000212	0.000464	0.000122	0.000911	
Active Closure (2037-2043): Mean	208	0.0758	0.262	0.00822	109	0.0504	41.3	0.000915	0.000915	0.00000468	0.00424	0.00208	0.0503	0.0144	0.00000589	11.3	0.0000163	0.000745	0.000151	0.00093	0.0194	0.00000557	3.99	3.22	0.0268	0.00167	34.3	0.00344	0.00956	0.0000782	0.000265	0.000144	0.189	0.00000232	0.00127	0.000213	0.00107	
Active Closure (2037-2043): Max	1020	0.385	1.4	0.04	569	0.153	201	0.000972	0.000972	0.0000049	0.0104	0.0108	0.245	0.0426	0.00000959	30.1	0.0000628	0.00362	0.000436	0.00163	0.0436	0.0000259	17.1	12.1	0.124	0.0084	171	0.0159	0.0294	0.000215	0.00128	0.000578	0.859	0.00000364	0.00657	0.000811	0.00212	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Post Closure (2044-2099): Min	85.4	0.0294	0.0921	0.00344	39.9	0.0348	16.9	0.000966	0.000966	0.00000488	0.00333	0.000804	0.0206	0.01	0.00000533	8.46	0.00000925	0.000307	0.000107	0.000822	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.00000212	0.000467	0.000123	0.000912	
Post Closure (2044-2099): Mean	96.9	0.04	0.115	0.00406	41.7	0.0378	21.7	0.00097	0.00097	0.0000049	0.00399	0.000963	0.0269	0.0128	0.00000548	10.5	0.0000122	0.000416	0.000142	0.000868	0.0229	0.00000409	2.43	2.29	0.0199	0.000857	14.1	0.00199	0.0123	0.000103	0.000158	0.0000948	0.115	0.00000217	0.000625	0.000215	0.00105	
Post Closure (2044-2099): Max	109	0.0514	0.137	0.00466	43.7	0.0409	26.5	0.000976	0.000976	0.00000492	0.00459	0.00113	0.0329	0.0157	0.00000564	12.8	0.0000149	0.000524	0.000182	0.000923	0.0304	0.00000553	2.88	2.76	0.0287	0.00106	14.6	0.00244	0.0175	0.000156	0.000201	0.000112	0.143	0.00000223	0.000779	0.000308	0.00118	
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2026-2099)																																						
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2029 Jan	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
2029 Feb	5.31	0.00472	0.00142	0.0000368	1.35	0.000737	0.461	0.0000368	0.0000368	1.84E-07	0.000217	0.000103	0.000254	0.00267	0.000000184	2.12	0.000000737	0.0000258	0.0000442	0.00007	0.007	0.000000368	0.123	0.298	0.00755	0.0000109	0.462	0.0000958	0.00258	0.0000352	0.00000847	0.00000479	0.0115	7.37E-08	0.00000368	0.0000774	0.0000571	
2029 Mar	7.3	0.00648	0.00195	0.0000506	1.85	0.00101	0.632	0.0000506	0.0000506	2.53E-07	0.000299	0.000142	0.000349	0.00367	0.000000253	2.91	0.00000101	0.0000354	0.0000607	0.0000961	0.00961	0.000000506	0.169	0.409	0.0104	0.0000149	0.635	0.000132	0.00354	0.0000484	0.0000116	0.00000658	0.0157	0.000000101	0.00000506	0.000106	0.0000784	
2029 Apr	8.74	0.00776	0.00233	0.0000606	2.22	0.00121	0.757	0.0000606	0.0000606	3.03E-07	0.000358	0.00017	0.000418	0.00439	0.000000303	3.48	0.00000121	0.0000424	0.0000727	0.000115	0.0115	0.000000606	0.202	0.49	0.0124	0.0000179	0.76	0.000158	0.00424	0.0000579	0.0000139	0.00000788	0.0188	0.000000121	0.00000606	0.000127	0.0000939	
2029 May	18.1	0.0118	0.0155	0.000436	7.68	0.00225	2.12	0.0000677	0.0000677	3.42E-07	0.000444	0.00752	0.00203	0.005	0.000000383	3.94	0.0000017	0.0000691	0.0000812	0.000134	0.0127	0.00000881	0.328	0.606	0.0142	0.0000733	2.41	0.000272	0.0047	0.000065	0.0000233	0.0000123	0.0259	0.000000152	0.0000491	0.000142	0.000113	
2029 Jun	522	0.206	0.774	0.0222	315	0.0605	77.7	0.00036	0.00036	0.000002	0.00507	0.137	0.0958	0.0181	0.00000444	12.9	0.000028	0.00143	0.000186	0.000704	0.0232	0.0000115	6.72	4.85	0.0515	0.00323	94.7	0.00628	0.0175	0.0000817	0.00054	0.000227	0.338	0.0000017	0.00254	0.000411	0.00118	
2029 Jul	944	0.367	1.41	0.0405	571	0.111	141	0.0000672	0.0000672	0.00000373	0.00943	0.0067	0.175	0.0292	0.00000816	20.7	0.0000514	0.00257	0.000271	0.00121	0.0336	0.0000211	12.1	8.42	0.082	0.00586	172	0.0113	0.031	0.0000923	0.000985	0.000409	0.6	0.00000313	0.00461	0.000652	0.00221	
2029 Aug	1140	0.443	1.7	0.0488	690	0.13	170	0.0000606	0.0000606	0.00000348	0.00985	0.00778	0.209	0.0331	0.00000884	23.1	0.0000573	0.00307	0.000307	0.00134	0.032	0.0000234	14.5	9.95	0.096	0.00708	207	0.0135	0.0281	0.0000892	0.00114	0.000486	0.716	0.00000337	0.00557	0.000679	0.00223	
2029 Sep	1350	0.531	2.04	0.0583	827	0.152	204	0.00053	0.00053	0.00000319	0.0104	0.00945	0.249	0.0375	0.00000962	25.8	0.0000643	0.00364	0.000349	0.0015	0.0302	0.0000261	17.2	11.7	0.112	0.00848	248	0.016	0.0251	0.0000852	0.00132	0.000574	0.849	0.00000365	0.00667	0.000714	0.00225	
2029 Oct	1590	0.629	2.4	0.0686	974	0.177	240	0.00045	0.00045	0.00000288	0.011	0.00993	0.292	0.0426	0.0000105	29.1	0.0000716	0.00425	0.000395	0.00168	0.0286	0.000029	20.1	13.6	0.129	0.01	292	0.0187	0.0224	0.0000777	0.00151	0.000669	0.994	0.00000395	0.00786	0.00074	0.00223	
2029 Nov	1560	0.634	2.35	0.0671	954	0.178	235	0.0004664	0.0004664	0.00000294	0.0112	0.00745	0.286	0.0429	0.0000103	29.7	0.0000694	0.00417	0.000394	0.00173	0.0299	0.0000286	19.7	13.5	0.126	0.00987	286	0.0183	0.0252	0.0000636	0.00144	0.000655	0.978	0.00000391	0.0077	0.000685	0.00207	
2029 Dec	1530	0.624	2.31	0.0659	937	0.176	231	0.0004474	0.0004474	0.00000298	0.0111	0.00733	0.281	0.0425	0.0000103	29.5	0.0000683	0.00409	0.000389	0.00171	0.0302	0.0000283	19.4	13.3	0.123	0.0097	281	0.018	0.0258	0.0000628	0.00142	0.000643	0.961	0.00000387	0.00756	0.000676	0.00205	
2030 Jan	1520	0.621	2.29	0.0655	931	0.175	230	0.0004477	0.0004477	0.00000299	0.0111	0.0073	0.279	0.0424	0.0000102	29.5	0.000068	0.00407	0.00039	0.00171	0.0306	0.0000282	19.3	13.2	0.123	0.00964	279	0.0179	0.026	0.0000645	0.00141	0.00064	0.956	0.00000386	0.00751	0.000677	0.00204	
2030 Feb	1520	0.62	2.29	0.0653	928	0.174	229	0.0004479	0.0004479	0.000003	0.0111	0.00729	0.279	0.0425	0.0000102	29.6	0.0000679	0.00406	0.000392	0.00171	0.0311	0.0000281	19.2	13.2	0.123	0.00961	279	0.0179	0.0262	0.0000673	0.00141	0.000638	0.954	0.00000386	0.00749	0.000682	0.00204	
2030 Mar	1520	0.619	2.28	0.0652	927	0.174	229	0.00048	0.00048	0.000003	0.0111	0.00728	0.278	0.0426	0.0000102	29.6	0.0000678	0.00405	0.000394	0.00171	0.0314	0.0000281	19.2	13.2	0.124	0.0096	278	0.0178	0.0262	0.000069	0.0014	0.000637	0.953	0.00000385	0.00747	0.000685	0.00204	
2030 Apr	1510	0.618	2.28	0.0651	925	0.174	228	0.00048	0.00048	0.000003	0.011	0.00727	0.278	0.0426	0.0000102	29.7	0.0000677	0.00405	0.000395	0.00171	0.0317	0.0000281	19.2	13.2	0.124	0.00958	278	0.0178	0.0263	0.0000703	0.0014	0.000637	0.952	0.00000385	0.00746	0.000687	0.00204	
2030 May	1510	0.618	2.28	0.065	924	0.174	228	0.0004481	0.0004481	0.00000301	0.011	0.0177	0.277	0.0426	0.0000102	29.7	0.0000677	0.00405	0.000396	0.00171	0.0318	0.000028	19.2	13.2	0.124	0.00957	277	0.0178	0.0263	0.0000711	0.0014	0.000636	0.952	0.00000385	0.00746	0.000688	0.00204	
2030 Jun	1220	0.491	1.83	0.0525	744	0.142	184	0.0005083	0.0005083	0.0000034	0.0103	0.0178	0.225	0.0359	0.00000917	25.2	0.0000594	0.00329	0.000333	0.00146	0.033	0.0000245	15.6	10.8	0.102	0.00768	223	0.0145	0.0291	0.0000816	0.00119	0.00052	0.772	0.00000349	0.006	0.00067	0.00213	
2030 Jul	1250	0.496	1.88	0.0539	763	0.143	188	0.0005073	0.0005073	0.00000336	0.0103	0.0116	0.231	0.036	0.00000929	25	0.0000609	0.00337	0.000334	0.00145	0.032	0.0000249	15.9	10.9	0.105	0.00785	229	0.0149	0.0276	0.0000853	0.00123	0.000533	0.789	0.00000353	0.00616	0.000692	0.0022	
2030 Aug	1460	0.576	2.2	0.0628	891	0.164	220	0.0005001	0.0005001	0.00000308	0.0107	0.0126	0.268	0.04	0.00001	27.5	0.0000673	0.00391	0.000372	0.00159	0.0301	0.0000274	18.5	12.6	0.12	0.00915	268	0.0172	0.0244	0.0000828	0.0014	0.000616	0.914	0.00000379	0.00719	0.000722	0.00223	
2030 Sep	1890	0.745	2.86	0.0816	1160	0.207	285	0.0005353	0.0005353	0.00000252	0.0117	0.0186	0.346	0.0485	0.0000116	32.7	0.0000814	0.00503	0.000453	0.00188	0.0265	0.0000328	23.8	16	0.151	0.0119	348	0.0221	0.018	0.0000775	0.00176	0.000789	1.18	0.00000434	0.00936	0.000802	0.00231	
2030 Oct	2360	0.939	3.59	0.102	1450	0.255	358	0.0000186	0.0000186	0.00000188	0.0129	0.0139	0.432	0.0582	0.0000132	38.8	0.0000963	0.00627	0.000542	0.00223	0.0226	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0119	0.0000646	0.00214	0.000979	1.46	0.00000493	0.0117	0.000866	0.00232	
2030 Nov	2030	0.822	3.07	0.0876	1250	0.226	307	0.0003302	0.0003302	0.00000232	0.0123	0.00872	0.372	0.0525	0.0000012	35.6	0.0000845	0.0054	0.000484	0.00206	0.0262	0.0000344	25.6	17.3	0.16	0.0129	374	0.0237	0.0187	0.0000562	0.00183	0.000844	1.26	0.00000451	0.0101	0.000764	0.00212	
2030 Dec	1960	0.798	2.97	0.0847	1210	0.22	297	0.0003326	0.0003326	0.00000241	0.0122	0.00846	0.359	0.0513	0.0000118	34.9	0.0000822	0.00522	0.000472	0.00202	0.0269	0.0000336	24.7	16.7	0.155	0.0125	361	0.0229	0.02	0.0000549	0.00177	0.000817	1.22	0.00000442	0.00972	0.000745	0.00209	
2031 Jan	1940	0.79	2.93	0.0836	1190	0.217	293	0.0003334	0.0003334	0.00000245	0.0121	0.00838	0.355	0.0511	0.0000117	34.9	0.0000814	0.00516	0.000472	0.00201	0.0278	0.0000333	24.4	16.6	0.154	0.0123	357	0.0227	0.0205	0.0000588	0.00175	0.000808	1.21	0.00000439	0.00961	0.000747	0.00208	
2031 Feb	1930	0.785	2.92	0.0831	1180	0.216	292	0.0003338	0.0003338	0.00000246	0.0121	0.00834	0.353	0.0512	0.0000117	35.1	0.000081	0.00513	0.000477	0.00201	0.0289	0.0000332	24.3	16.5	0.154	0.0122	355	0.0225	0.0208	0.0000647	0.00174	0.000803	1.21	0.00000438	0.00954	0.000756	0.00208	
2031 Mar	1920	0.783	2.9	0.0827	1180	0.215	290	0.0003341	0.0003341	0.00000247	0.0121	0.00832	0.351	0.0513	0.0000116	35.2	0.0000807	0.00511	0.00048	0.00201	0.0296	0.0000331	24.2	16.5	0.155	0.0122	353	0.0224	0.021	0.0000685	0.00174	0.0008	1.2	0.00000437	0.0095	0.000762	0.00207	
2031 Apr	1920	0.78	2.89	0.0825	1170	0.214	289	0.0003343	0.0003343	0.00000248	0.012	0.0209	0.35	0.0514	0.0000116	35.2	0.0000805	0.0051	0.000483	0.00201	0.0301	0.000033	24.2	16.5	0.155	0.0121	352	0.0224	0.0212	0.0000714	0.00173	0.000798	1.2	0.00000436	0.00947	0.000766	0.00207	
2031 May	1870	0.761	2.82	0.0803	1140	0.209	282	0.0003361	0.0003361	0.00000255	0.0118	0.0591	0.341	0.0519	0.0000114	35.7	0.0000791	0.00498	0.000502	0.002	0.0343	0.0000324	23.6	16.2	0.157	0.0118	343	0.0219	0.0222	0.000122	0.0017	0.000783	1.17	0.0000043	0.00922	0.000811	0.00208	
2031 Jun	1160	0.475	1.71	0.0488	697	0.131	172	0.0000615	0.0000615	0.00000352	0.00967	0.0165	0.209	0.0473	0.00000888	34.3	0.0000569	0.00318	0.000559	0.00166	0.0663	0.0000235	15	11.6	0.139	0.00714	210	0.0139	0.0349	0.0000471	0.00114	0.000525	0.776	0.00000338	0.00558	0.00104	0.00209	
2031 Jul	1290	0.524	1.91	0.0546	779	0.144	193	0.0000568	0.0000568	0.00000334	0.01	0.0174	0.233	0.0483	0.00000935	34.6	0.0000612	0.00352	0.000555	0.00172	0.0613	0.0000251	16.6	12.4	0.144	0.00798	234	0.0154	0.0322	0.0000425	0.00125	0.000574	0.85	0.00000355	0.00625	0.00102	0.00212	
2031 Aug	2150	0.851	3.25	0.0926	1320	0.232	325	0.0000264	0.0000264	0.00000218	0.0121	0.0162	0.392	0.0577	0.0000124	39	0.0000889	0.00573	0.000574	0.00213	0.0339	0.0000359	27.1	18.5	0.183	0.0135	396	0.0251	0.0153	0.0000189	0.00197	0.0000904	1.35	0.00000466	0.0106	0.000947	0.0023	
2031 Sep	1990	0.808	3.01	0.0859	1220	0.222	301	0.0000315	0.0000315	0.00000237	0.0121	0.0107	0.365	0.0519	0.0000119	35.3	0.0000827	0.0053	0.000478	0.00203	0.0264	0.000034	25.1	17	0.157	0.0126	367	0.0233	0.0191	0.0000056	0.0018	0.000829	1.24	0.00000446	0.00987	0.000745	0.00209	
2031 Oct	1380	0.592	2.07	0.0593	844	0.167	208	0.00053	0.00053	0.0000032	0.0111	0.00528	0.254	0.041	0.00000973	29.3	0.0000617	0.0037	0.000368	0.00171	0.0331	0.0000264	17.6	12.2	0.111	0.00886	253	0.0163	0.0316	0.0000427	0.00124	0.000581	0.875	0.00000369	0.0068	0.000575	0.00178	
2031 Nov	1200	0.524	1.78	0.0511	727	0.15	180	0.0000596	0.0000596	0.00000345	0.0107	0.0044	0.22	0.0377	0.00000906	27.4	0.0000551	0.0032	0.000335	0.00161	0.035	0.0000241	15.3	10.7	0.0965	0.00769	218	0.0141	0.0352	0.0000394	0.00107	0.000505	0.763	0.00000345	0.00585	0.000521	0.00168	
2031 Dec	1170	0.513	1.73	0.0498	708	0.147	175	0.0000607	0.0000607	0.00000349	0.0107	0.00432	0.214	0.0371	0.00000896	27.1	0.0000541	0.00313	0.00033	0.00159	0.0354	0.0000238	14.9	10.5	0.0942	0.00751	212	0.0138	0.0358	0.0000389	0.00104	0.000493	0.745	0.00000341	0.0057	0.000513	0.00167	
2032 Jan	1160	0.509	1.72	0.0493	701	0.146	174	0.0000611	0.0000611	0.00000351	0.0106	0.00429	0.212	0.0371	0.00000892	27.1	0.0000537	0.0031	0.000332	0.00159	0.036	0.0000236	14.8	10.5	0.0941	0.00744	210	0.0137	0.036	0.0000422	0.00103	0.000489	0.739	0.0000034	0.00565	0.000517	0.00166	
2032 Feb	1150	0.507	1.71	0.049	697	0.145	173	0.0000613	0.0000613	0.00000352	0.0106	0.00428	0.211	0.0373	0.00000889	27.3	0.0000535	0.00309	0.000336	0.00159	0.0369	0.0000235	14.7	10.4	0.0948	0.0074	209	0.0136	0.0362	0.0000474	0.00103	0.000486	0.736	0.00000339	0.00562	0.000526	0.00166	
2032 Mar	1150	0.506	1.7	0.0488	695	0.145	172	0.0000615	0.0000615	0.00000352	0.0106	0.00428	0.21	0.0375	0.00000888	27.4	0.0000534	0.00308	0.00034	0.00159	0.0375	0.0000235	14.7	10.4	0.0952	0.00737	209	0.0136	0.0364	0.0000508	0.00102	0.000485	0.735	0.00000339	0.0056	0.000532	0.00166	
2032 Apr	1140	0.505	1.7	0.0487	693	0.144	172	0.0000616	0.0000616	0.00000353	0.0106	0.00427	0.21	0.0376	0.00000887	27.5	0.0000533	0.00307	0.000342	0.0016	0.0379	0.0000235	14.6	10.4	0.0955	0.00735	208	0.0135	0.0365	0.0000532	0.00102	0.000484	0.734	0.00000338	0.00558	0.000536	0.00166	
2032 May	1160	0.511	1.72	0.0495	704	0.146	175	0.

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2032 Jun	897	0.361	1.31	0.0377	532	0.116	143	0.000679	0.000679	0.00000377	0.00973	0.0196	0.177	0.031	0.00000823	22.3	0.0000506	0.0026	0.000286	0.0013	0.0358	0.0000213	12.3	8.66	0.0829	0.00601	160	0.0115	0.0337	0.0000848	0.000957	0.000412	0.612	0.0000316	0.00466	0.000617	0.00205	
2032 Jul	1050	0.404	1.53	0.0439	621	0.133	173	0.000609	0.000609	0.0000035	0.01	0.00928	0.212	0.0338	0.00000893	23.7	0.0000579	0.00311	0.000314	0.00138	0.0327	0.0000237	14.7	10.1	0.0973	0.0072	187	0.0137	0.0291	0.0000878	0.00115	0.000492	0.727	0.0000034	0.00565	0.00068	0.00221	
2032 Aug	1130	0.436	1.65	0.0474	671	0.142	187	0.000576	0.000576	0.00000338	0.0102	0.00951	0.229	0.0357	0.00000926	24.9	0.0000605	0.00335	0.000331	0.00145	0.0318	0.0000248	15.8	10.9	0.104	0.0078	201	0.0148	0.0275	0.0000852	0.00122	0.00053	0.784	0.0000352	0.00612	0.000687	0.0022	
2032 Sep	1170	0.451	1.71	0.049	694	0.147	193	0.000561	0.000561	0.00000332	0.0103	0.00988	0.237	0.0366	0.00000941	25.5	0.0000618	0.00347	0.000339	0.00148	0.0314	0.0000254	16.4	11.2	0.107	0.00807	208	0.0153	0.0269	0.000084	0.00126	0.000547	0.81	0.00000358	0.00634	0.000692	0.0022	
2032 Oct	1190	0.457	1.73	0.0497	704	0.149	196	0.000555	0.000555	0.00000329	0.0103	0.0101	0.241	0.037	0.00000948	25.7	0.0000624	0.00351	0.000343	0.00149	0.0312	0.0000256	16.6	11.4	0.108	0.00819	211	0.0155	0.0266	0.0000836	0.00127	0.000555	0.822	0.0000036	0.00643	0.000695	0.00221	
2032 Nov	1190	0.458	1.73	0.0497	704	0.149	196	0.000555	0.000555	0.00000329	0.0104	0.00999	0.241	0.037	0.00000948	25.7	0.0000624	0.00351	0.000343	0.00149	0.0313	0.0000256	16.6	11.4	0.108	0.0082	211	0.0155	0.0267	0.000083	0.00127	0.000555	0.822	0.0000036	0.00643	0.000693	0.0022	
2032 Dec	1180	0.456	1.72	0.0494	699	0.148	195	0.000558	0.000558	0.0000033	0.0103	0.00985	0.239	0.0369	0.00000945	25.7	0.000062	0.00349	0.000342	0.00149	0.0314	0.0000255	16.5	11.3	0.108	0.00815	210	0.0154	0.027	0.000082	0.00126	0.000551	0.817	0.0000359	0.00639	0.000687	0.00218	
2033 Jan	1180	0.456	1.72	0.0493	698	0.148	195	0.000559	0.000559	0.00000331	0.0103	0.00983	0.238	0.0369	0.00000944	25.7	0.0000619	0.00349	0.000342	0.00149	0.0315	0.0000254	16.5	11.3	0.108	0.00813	210	0.0153	0.0271	0.0000825	0.00126	0.00055	0.815	0.0000359	0.00637	0.000688	0.00218	
2033 Feb	1170	0.455	1.72	0.0492	697	0.148	195	0.000559	0.000559	0.00000331	0.0103	0.00982	0.238	0.037	0.00000944	25.7	0.0000618	0.00348	0.000343	0.00149	0.0317	0.0000254	16.4	11.3	0.108	0.00812	209	0.0153	0.0271	0.0000833	0.00126	0.00055	0.815	0.0000358	0.00637	0.000689	0.00218	
2033 Mar	1170	0.455	1.72	0.0492	697	0.148	194	0.000559	0.000559	0.00000331	0.0103	0.00982	0.238	0.037	0.00000943	25.8	0.0000618	0.00348	0.000343	0.00149	0.0318	0.0000254	16.4	11.3	0.108	0.00812	209	0.0153	0.0271	0.0000837	0.00126	0.00055	0.815	0.0000358	0.00637	0.00069	0.00218	
2033 Apr	1170	0.455	1.72	0.0492	697	0.148	194	0.000559	0.000559	0.00000331	0.0103	0.00981	0.238	0.037	0.00000943	25.8	0.0000618	0.00348	0.000344	0.00149	0.0318	0.0000254	16.4	11.3	0.108	0.00812	209	0.0153	0.0272	0.000084	0.00126	0.000549	0.815	0.0000358	0.00636	0.00069	0.00218	
2033 May	1120	0.434	1.62	0.0465	660	0.141	185	0.000581	0.000581	0.00000339	0.0101	0.0112	0.227	0.0379	0.00000921	26.6	0.0000598	0.00333	0.00037	0.00149	0.0375	0.0000247	15.7	11	0.11	0.00772	198	0.0147	0.0289	0.000146	0.00121	0.00053	0.786	0.0000035	0.00605	0.000739	0.00216	
2033 Jun	1080	0.42	1.56	0.0446	634	0.14	184	0.000584	0.000584	0.00000341	0.01	0.0106	0.225	0.0403	0.00000918	28.6	0.0000597	0.00334	0.000418	0.00154	0.0443	0.0000246	15.8	11.3	0.118	0.00767	191	0.0146	0.0299	0.000226	0.00121	0.000535	0.792	0.0000349	0.00601	0.000819	0.00216	
2033 Jul	1120	0.433	1.61	0.0461	655	0.145	192	0.000566	0.000566	0.00000334	0.0102	0.0107	0.234	0.0411	0.00000936	29	0.0000614	0.00347	0.000423	0.00156	0.0432	0.0000252	16.4	11.6	0.121	0.00799	197	0.0152	0.029	0.000219	0.00125	0.000555	0.822	0.0000356	0.00627	0.000822	0.00217	
2033 Aug	1140	0.44	1.64	0.0469	667	0.148	196	0.000557	0.000557	0.0000033	0.0102	0.0109	0.239	0.0415	0.00000946	29.2	0.0000623	0.00354	0.000427	0.00158	0.0428	0.0000255	16.7	11.8	0.123	0.00816	200	0.0155	0.0286	0.000216	0.00127	0.000566	0.838	0.0000359	0.0064	0.000825	0.00218	
2033 Sep	1180	0.454	1.69	0.0484	687	0.153	204	0.000539	0.000539	0.00000323	0.0104	0.0109	0.248	0.0423	0.00000964	29.7	0.0000638	0.00367	0.000432	0.00161	0.0417	0.0000261	17.3	12.2	0.126	0.00849	206	0.0161	0.0278	0.000207	0.00131	0.000585	0.867	0.0000366	0.00666	0.000823	0.00218	
2033 Oct	1170	0.456	1.68	0.0481	684	0.155	205	0.000538	0.000538	0.00000323	0.0104	0.0103	0.249	0.0422	0.00000965	29.6	0.0000636	0.00367	0.000425	0.00162	0.0407	0.0000262	17.4	12.2	0.124	0.00854	205	0.0161	0.0282	0.000189	0.0013	0.000585	0.869	0.0000366	0.00668	0.000796	0.00214	
2033 Nov	1170	0.453	1.67	0.0478	679	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0102	0.248	0.042	0.00000962	29.5	0.0000633	0.00365	0.000422	0.00162	0.0407	0.0000261	17.3	12.2	0.123	0.00848	204	0.016	0.0284	0.000186	0.0013	0.000581	0.864	0.0000365	0.00664	0.00079	0.00213	
2033 Dec	1160	0.453	1.67	0.0477	678	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0102	0.247	0.042	0.00000962	29.5	0.0000633	0.00365	0.000422	0.00162	0.0407	0.0000261	17.2	12.2	0.123	0.00848	204	0.016	0.0285	0.000186	0.00129	0.000581	0.863	0.0000365	0.00663	0.00079	0.00213	
2034 Jan	1160	0.453	1.67	0.0477	678	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0102	0.247	0.042	0.00000962	29.5	0.0000632	0.00365	0.000422	0.00162	0.0408	0.0000261	17.2	12.2	0.123	0.00848	204	0.016	0.0285	0.000186	0.00129	0.000581	0.863	0.0000365	0.00663	0.00079	0.00213	
2034 Feb	1160	0.453	1.67	0.0477	678	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0102	0.247	0.042	0.00000961	29.5	0.0000632	0.00365	0.000422	0.00162	0.0408	0.0000261	17.2	12.2	0.123	0.00847	204	0.016	0.0285	0.000187	0.00129	0.000581	0.863	0.0000365	0.00663	0.00079	0.00213	
2034 Mar	1160	0.453	1.67	0.0477	678	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0102	0.247	0.042	0.00000961	29.5	0.0000632	0.00365	0.000422	0.00162	0.0408	0.0000261	17.2	12.1	0.123	0.00847	204	0.016	0.0285	0.000187	0.00129	0.000581	0.863	0.0000365	0.00663	0.00079	0.00213	
2034 Apr	1160	0.453	1.67	0.0477	678	0.154	203	0.000541	0.000541	0.00000324	0.0104	0.0102	0.247	0.042	0.00000961	29.5	0.0000632	0.00365	0.000422	0.00162	0.0408	0.0000261	17.2	12.1	0.123	0.00847	204	0.016	0.0285	0.000187	0.00129	0.000581	0.863	0.0000365	0.00663	0.00079	0.00213	
2034 May	1150	0.448	1.65	0.0471	670	0.152	201	0.000546	0.000546	0.00000326	0.0104	0.0116	0.245	0.0421	0.00000957	29.7	0.0000628	0.00361	0.000427	0.00162	0.0418	0.0000259	17.1	12.1	0.123	0.00839	201	0.0159	0.0288	0.000197	0.00128	0.000577	0.857	0.0000363	0.00656	0.000798	0.00212	
2034 Jun	1070	0.418	1.52	0.0435	618	0.144	189	0.000574	0.000574	0.00000337	0.0101	0.0108	0.23	0.0429	0.00000928	30.6	0.0000603	0.00343	0.000457	0.00161	0.0486	0.0000249	16.2	11.7	0.125	0.00788	186	0.015	0.0308	0.000272	0.00122	0.000551	0.818	0.0000353	0.00616	0.000858	0.00211	
2034 Jul	1100	0.426	1.55	0.0444	633	0.149	196	0.000558	0.000558	0.00000331	0.0102	0.0108	0.238	0.0435	0.00000945	30.9	0.0000617	0.00354	0.00046	0.00163	0.0475	0.0000255	16.7	12	0.128	0.00817	190	0.0155	0.03	0.000263	0.00126	0.000569	0.845	0.0000359	0.00639	0.000857	0.00212	
2034 Aug	1100	0.427	1.56	0.0446	635	0.149	197	0.000555	0.000555	0.00000329	0.0102	0.0109	0.24	0.0436	0.00000947	30.9	0.0000619	0.00356	0.00046	0.00164	0.0473	0.0000256	16.8	12.1	0.128	0.00822	191	0.0156	0.0298	0.000261	0.00126	0.000572	0.849	0.0000356	0.00643	0.000856	0.00212	
2034 Sep	1120	0.432	1.58	0.0451	642	0.152	201	0.000546	0.000546	0.00000326	0.0103	0.0109	0.245	0.0439	0.00000957	31.1	0.0000628	0.00363	0.000461	0.00165	0.0464	0.0000259	17.2	12.3	0.129	0.00839	193	0.0159	0.0294	0.000252	0.00129	0.000582	0.865	0.0000363	0.00656	0.000851	0.00212	
2034 Oct	1110	0.432	1.57	0.0449	639	0.153	202	0.000544	0.000544	0.00000325	0.0104	0.0105	0.246	0.0438	0.00000959	31	0.0000628	0.00364	0.000455	0.00166	0.0456	0.000026	17.2	12.3	0.128	0.00844	192	0.016	0.0295	0.00024	0.00129	0.000583	0.867	0.0000364	0.0066	0.000835	0.0021	
2034 Nov	1110	0.43	1.56	0.0447	636	0.153	202	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0455	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000238	0.00128	0.000581	0.864	0.0000363	0.00657	0.000832	0.00209	
2034 Dec	1110	0.43	1.56	0.0447	636	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0455	0.0000259	17.2	12.3	0.128	0.0084	191	0.0159	0.0296	0.000238	0.00128	0.000581	0.864	0.0000363	0.00657	0.000831	0.00209	
2035 Jan	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0456	0.0000259	17.2	12.3	0.128	0.0084	191	0.0159	0.0296	0.000238	0.00128	0.000581	0.863	0.0000363	0.00656	0.000831	0.00209	
2035 Feb	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0456	0.0000259	17.2	12.3	0.128	0.0084	191	0.0159	0.0296	0.000238	0.00128	0.000581	0.863	0.0000363	0.00656	0.000831	0.00209	
2035 Mar	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0456	0.0000259	17.1	12.3	0.128	0.0084	191	0.0159	0.0296	0.000238	0.00128	0.000581	0.863	0.0000363	0.00656	0.000832	0.00209	
2035 Apr	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0105	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0456	0.0000259	17.1	12.3	0.128	0.0084	191	0.0159	0.0296	0.000238	0.00128	0.000581	0.863	0.0000363	0.00656	0.000832	0.00209	
2035 May	1110	0.43	1.56	0.0446	635	0.153	201	0.000546	0.000546	0.00000326	0.0104	0.0111	0.245	0.0437	0.00000957	30.9	0.0000626	0.00363	0.000454	0.00166	0.0456	0.0000259	17.2	12.3	0.128	0.00841	191	0.0159	0.0296	0.000239	0.00128	0.000581	0.864	0.0000363	0.00657	0.000832	0.00209	
2035 Jun	1030	0.396	1.43	0.0411	584	0.145	190	0.000572	0.000572	0.00000326	0.0102	0.0106	0.231	0.0423	0.00000931	30	0.0000604	0.00343	0.000443	0.0016	0.0466	0.0000255	16.2	11.7	0.123	0.00792	176	0.0151	0.0306	0.000247	0.00122	0.000551	0.819	0.0000354	0.00619	0.000832	0.0021	
2035 Jul	1030	0.396	1.44	0.0412	586	0.147	193	0.000565	0.000565	0.00000333	0.0102	0.0105	0.235	0.0424	0.00000938	30.1	0.0000611	0.00348	0.000443	0.00161	0.0458	0.0000252	16.5	11.8	0.124	0.00805	176	0.0153	0.0301	0.000241	0.00124	0.000559	0.83	0.0000356	0.00629	0.000831	0.00211	
2035 Aug	1050	0.4	1.45	0.0416	592	0.149	196	0.000557	0.000557	0.0000033	0.0103	0.0106	0.239	0.0428	0.00000945	30.3	0.0000618	0.00354	0.000445	0.00162	0.0454	0.0000255	16.7	12	0.125	0.00818	178	0.0155	0.0297	0.000238	0.00126	0.000567	0.842	0.0000359	0.0064	0.000832	0.00212	
2035 Sep	1050	0.401	1.45	0.0417	593	0.151	199	0.000551	0.000551	0.00000328	0.0103	0.0105	0.242	0.0429	0.00000951	30.4	0.0000622	0.00358	0.000444	0.00163	0.0447	0.0000257	16.9	12.1	0.126	0.0083	178	0.0157	0.0295	0.00023	0.00127	0.000574	0.852	0.0000361	0.00649	0.000824	0.00211	
2035 Oct	1050	0.402	1.46	0.0417	594	0.152	200	0.000548	0.000548	0.00000327	0.0103	0.0104	0.244	0.043	0.00000955	30.4	0.0000625	0.00361	0.000444	0.00164	0.0444	0.0000258	17.1	12.2	0.126	0.00836	178	0.0158	0.0294	0.000226	0.00128	0.000577	0.857	0.0000362	0.00653	0.000821	0.0021	
2035 Nov	1050	0.402	1.46	0.0417	593	0.153	201	0.000547	0.000547	0.00000326	0.0104	0.0103	0.244	0.0431	0.00000956	30.4	0.0000626	0.00362	0.000443	0.00164	0.0442	0.0000259	17.1	12.2	0.126	0.00838	178	0.0159	0.0294	0.000223	0.00128	0.000578	0.859	0.0000363	0.00655	0.000818	0.0021	
2035 Dec	1050	0.402	1.45	0.0417	592	0.152	201	0.000547	0.000547	0.00000326	0.0104	0.0103	0.244	0.043	0.00000955	30.4	0.0000625	0.00361	0.000443	0.00164	0.0442	0.0000258	17.1	12.2	0.126	0.00837	178	0.0158	0.0294	0.000223	0.00128	0.000578	0.858	0.0000363	0.00654	0.000818	0.0021	
2036 Jan	1050	0.402	1.45	0.0416	592	0.152	201	0.000547	0.000547	0.00000326	0.0104	0.0103	0.244	0.043	0.00000955	30.4	0.0000625	0.00361	0.000443	0.00164	0.0442	0.0000258	17.1	12.2	0.126	0.00837	178	0.0158	0.0294	0.000223	0.00128	0.000577	0.858	0.0000363	0.00654	0.000818	0.0021	
2036 Feb	1050	0.401	1.45	0.0416	592	0.152	201	0.000547	0.000547	0.00000326	0.0104	0.0103	0.244	0.043	0.00000955	30.4	0.0000625	0.00361	0.000443	0.00164	0.0442	0.0000258	17.1	12.2	0.126	0.00837	178	0.0158	0.0294	0.000223	0.00128	0.000577	0.858	0.0000363	0.00654	0.000818	0.0021	
2036 Mar	1050	0.401	1.45	0.0416	592	0.152	201	0.000548	0.000548	0.00000326	0.0104	0.0103	0.244	0.043	0.00000955	30.4	0.0000625	0.00361	0.000443	0.00164	0.0442	0.0000258	17.1	12.2	0.126	0.00837	178	0.0158	0.0294	0.000223	0.00128	0.000577	0.858	0.0000363	0.00654	0.000818	0.0021	
2036 Apr	1050	0.402	1.45	0.0416	592	0.152	201	0.000548	0.000548	0.00000327	0.0104	0.0106	0.244	0.0431	0.00000956	30.4	0.0000625	0.00361	0.000443	0.00164	0.0443	0.0000258	17.1	12.2	0.126	0.00837	178	0.0159	0.0294	0.000223	0.00128	0.000578	0.859	0.0000363	0.00654	0.000818	0.0021	
2036 May	1050	0.402	1.46	0.0417	593	0.153	201	0.000548	0.000548	0.00000327	0.0104	0.0113	0.245	0.0431	0.00000957	30.5	0.0000627	0.00362	0.000444	0.00164	0.0443	0.0000259	17.1	12.2	0.126	0.00839	178	0.0159	0.0295	0.000224	0.00128	0.000579	0.86	0.0000363	0.00656	0.00082	0.0021	
2036 Jun	1020	0.388	1.41	0.0404	574	0.15	197	0.000554	0.000554	0.00000329	0.0103	0.0109	0.24	0.0422	0.00000948	29.8	0.0000619	0.00355	0.000433	0.00162	0.0436	0.0000256	16.8	12	0.123	0.00823	172	0.0156	0.0295	0.000215	0.00126	0.000568	0.844	0.0000356	0.00643	0.000809	0.00211	
2036 Jul	1010	0.384	1.39	0.0399	567	0.15	197	0.000554	0.000554	0.00000329	0.0103	0.0107	0.24	0.042	0.00000948	29.7	0.000062	0.00356	0.00043	0.00161	0.0431	0.0000256	16.8	11.9	0.123	0.00824	171	0.0156	0.0293	0.00021	0.00126	0.000568	0.844	0.0000356	0.00644	0.000805	0.00212	
2036 Aug	1020	0.386	1.4	0.0402	571	0.151	199	0.000555	0.000555	0.0000033	0.0104	0.0109	0.242	0.0423	0.00000954	29.8	0.0000624	0.00358	0.000432	0.00162	0.0431	0.0000258	16.9	12	0.124	0.00831	171	0.0157	0.0294	0.00021	0.00127	0.000573	0.85	0.0000362	0.0065	0.000808	0.00212	
2036 Sep	1030	0.387	1.41	0.0404	574	0.153	202	0.000549	0.000549	0.00000328	0.0104	0.0109	0.245	0.0425	0.0000096	30	0.000063	0.00362	0.000434	0.00163	0.0428	0.000026	17.1	12.2	0.125	0.00841	172	0.0159	0.0291	0.000209	0.00129	0.000579	0.86	0.0000364	0.00658	0.00081	0.00213	
2036 Oct	1030	0.387	1.4	0.0402	572	0.153	202	0.000547	0.000547	0.00000326	0.0104	0.0109	0.246	0.0425	0.0000096	30	0.000063	0.00363	0.000433	0.00163	0.0426	0.000026	17.2	12.2	0.125	0.00843	172	0.0159	0.029	0.000206	0.00129	0.00058	0.861	0.0000364	0.00659	0.000806	0.00212	
2036 Nov	1020	0.386	1.4	0.0401	570	0.153	202	0.000547	0.000547	0.00000326	0.0104	0.0108	0.246	0.0425	0.0000096	30	0.0000629	0.00363	0.000432	0.00163	0.0425	0.000026	17.2	12.2	0.124	0.00842	171	0.0159	0.029	0.000204	0.00129	0.000579	0.861	0.0000364	0.00659	0.000804	0.00212	
2036 Dec	1020	0.385	1.4	0.04	569	0.153	201	0.000547	0.000547	0.00000327	0.0104	0.0108	0.245	0.0424	0.00000959	29.9	0.0000628	0.00362	0.000431	0.00163	0.0425	0.0000259	17.1	12.1	0.124	0.00841	171	0.0159	0.0291	0.000204	0.00128	0.000578	0.859	0.0000364	0.00657	0.000802	0.00211	
2037 Jan	1020	0.385	1.4	0.04	569	0.153	201	0.000548	0.000548	0.00000327	0.0104	0.0108	0.245	0.0424	0.00000958	29.9	0.0000628	0.00362	0.000431	0.00163	0.0425	0.0000259	17.1	12.1	0.124	0.0084	171	0.0159	0.0291	0.000204	0.00128	0.000578	0.859	0.0000364	0.00657	0.000802	0.00211	
2037 Feb	1020	0.385	1.4	0.04	569	0.153	201	0.000548	0.000548	0.00000327	0.0104	0.0108	0.245	0.0424	0.00000958	29.9	0.0000628	0.00362	0.000431	0.00163	0.0425	0.0000259	17.1	12.1	0.124	0.0084	171	0.0159	0.0291	0.000204	0.00128	0.000578	0.859	0.0000364	0.00657	0.000802	0.00211	
2037 Mar	1020	0.385	1.4	0.04	569	0.153	201	0.000548	0.000548	0.00000327	0.0104	0.0108	0.245	0.0424	0.00000958	29.9	0.0000628	0.00362

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2039 Dec	136	0.048	0.161	0.00537	68.2	0.0412	27.1	0.000948	0.000948	0.0000048	0.00369	0.0013	0.0329	0.0118	0.00000556	9.62	0.0000121	0.000486	0.000125	0.000865	0.0172	0.00000375	2.82	2.42	0.0179	0.00107	22.1	0.00232	0.00779	0.000065	0.000174	0.000105	0.129	0.0000022	0.000802	0.000158	0.00097	
2040 Jan	136	0.048	0.161	0.00537	68.2	0.0412	27.1	0.000948	0.000948	0.0000048	0.00369	0.0013	0.0329	0.0118	0.00000556	9.62	0.0000121	0.000486	0.000125	0.000866	0.0172	0.00000375	2.82	2.42	0.0179	0.00107	22.1	0.00232	0.00779	0.000065	0.000174	0.000105	0.129	0.0000022	0.000802	0.000158	0.00097	
2040 Feb	136	0.048	0.161	0.00537	68.2	0.0412	27.1	0.000948	0.000948	0.0000048	0.00369	0.0013	0.0329	0.0118	0.00000556	9.62	0.0000121	0.000486	0.000125	0.000866	0.0172	0.00000375	2.82	2.42	0.0179	0.00107	22.1	0.00232	0.0078	0.000065	0.000174	0.000105	0.129	0.0000022	0.000802	0.000158	0.00097	
2040 Mar	136	0.048	0.161	0.00537	68.2	0.0412	27.1	0.000948	0.000948	0.0000048	0.00369	0.0013	0.0329	0.0118	0.00000556	9.62	0.0000121	0.000486	0.000125	0.000866	0.0172	0.00000375	2.82	2.42	0.0179	0.00107	22.1	0.00232	0.0078	0.000065	0.000174	0.000105	0.129	0.0000022	0.000802	0.000158	0.00097	
2040 Apr	136	0.048	0.161	0.00537	68.2	0.0412	27.1	0.000948	0.000948	0.0000048	0.00369	0.0013	0.0329	0.0118	0.00000556	9.62	0.0000121	0.000486	0.000125	0.000866	0.0172	0.00000375	2.82	2.42	0.0179	0.00107	22.1	0.00232	0.0078	0.000065	0.000174	0.000105	0.13	0.0000022	0.000802	0.000158	0.00097	
2040 May	136	0.0481	0.161	0.00538	68.3	0.0413	27.1	0.000948	0.000948	0.0000048	0.00369	0.0013	0.033	0.0118	0.00000556	9.63	0.0000121	0.000487	0.000125	0.000866	0.0172	0.00000376	2.82	2.42	0.0179	0.00107	22.1	0.00232	0.00782	0.0000653	0.000174	0.000105	0.13	0.0000022	0.000802	0.000159	0.000971	
2040 Jun	133	0.0471	0.157	0.00526	66.3	0.0408	26.6	0.000948	0.000948	0.0000048	0.00368	0.00127	0.0323	0.0118	0.00000554	9.65	0.000012	0.00048	0.000126	0.000866	0.0176	0.00000373	2.78	2.4	0.018	0.00105	21.5	0.00229	0.00796	0.0000686	0.000171	0.000104	0.128	0.0000219	0.000785	0.000162	0.000971	
2040 Jul	126	0.0446	0.148	0.00501	62.7	0.04	25.2	0.000952	0.000952	0.0000048	0.00362	0.0012	0.0306	0.0116	0.00000552	9.46	0.0000116	0.000458	0.000122	0.000863	0.0174	0.00000356	2.67	2.32	0.0171	0.000995	20.5	0.00219	0.00775	0.0000674	0.000163	0.0001	0.122	0.0000219	0.000741	0.000156	0.000962	
2040 Aug	120	0.0424	0.14	0.00478	59.5	0.0393	24	0.000956	0.000956	0.0000048	0.00357	0.00115	0.0291	0.0113	0.00000549	9.3	0.0000112	0.000436	0.000119	0.000857	0.0171	0.00000339	2.56	2.25	0.0163	0.000944	19.5	0.00209	0.00753	0.0000653	0.000155	0.0000971	0.117	0.0000218	0.0007	0.000151	0.000954	
2040 Sep	115	0.0404	0.133	0.00458	56.7	0.0386	22.9	0.000958	0.000958	0.0000048	0.00353	0.00109	0.0279	0.0111	0.00000547	9.18	0.0000109	0.000414	0.000118	0.000849	0.0168	0.00000324	2.48	2.19	0.0155	0.000899	18.7	0.002	0.00735	0.0000631	0.000148	0.0000942	0.112	0.0000217	0.000665	0.000145	0.000945	
2040 Oct	113	0.0394	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0272	0.011	0.00000546	9.12	0.0000107	0.000403	0.000118	0.000846	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000625	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2040 Nov	113	0.0394	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0273	0.011	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000846	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000625	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2040 Dec	113	0.0394	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0273	0.011	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000846	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000625	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2041 Jan	113	0.0394	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0273	0.011	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000846	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000625	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2041 Feb	113	0.0394	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0273	0.011	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000846	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000625	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2041 Mar	113	0.0394	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0273	0.011	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000846	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000625	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2041 Apr	113	0.0395	0.129	0.00448	55.4	0.0383	22.4	0.000959	0.000959	0.0000048	0.00352	0.00107	0.0273	0.011	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000847	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000626	0.000144	0.0000927	0.11	0.0000216	0.000647	0.000143	0.000942	
2041 May	113	0.0395	0.129	0.00449	55.4	0.0383	22.4	0.00096	0.00096	0.0000048	0.00352	0.00107	0.0273	0.0111	0.00000546	9.12	0.0000108	0.000403	0.000118	0.000847	0.0166	0.00000317	2.44	2.17	0.0152	0.000877	18.3	0.00196	0.00728	0.0000626	0.000144	0.0000928	0.11	0.0000216	0.000648	0.000143	0.000942	
2041 Jun	111	0.0387	0.127	0.00441	54.2	0.038	22.1	0.00096	0.00096	0.0000048	0.00351	0.00105	0.0268	0.011	0.00000545	9.07	0.0000107	0.000398	0.000117	0.000845	0.0167	0.00000315	2.41	2.14	0.015	0.000862	17.9	0.00194	0.00735	0.0000624	0.000143	0.0000917	0.109	0.0000216	0.000636	0.000143	0.000943	
2041 Jul	107	0.0373	0.122	0.00427	51.9	0.0375	21.4	0.00096	0.00096	0.0000048	0.00348	0.00101	0.026	0.0108	0.00000542	8.95	0.0000105	0.000388	0.000114	0.000842	0.0166	0.00000308	2.35	2.1	0.0145	0.000833	17.2	0.00189	0.00728	0.0000618	0.000139	0.0000898	0.106	0.0000215	0.000613	0.00014	0.000939	
2041 Aug	103	0.0359	0.117	0.00412	49.9	0.037	20.5	0.000963	0.000963	0.0000048	0.00345	0.000974	0.025	0.0107	0.00000541	8.85	0.0000103	0.000373	0.000112	0.000839	0.0164	0.00000296	2.28	2.05	0.014	0.000799	16.6	0.00182	0.00713	0.0000604	0.000133	0.0000876	0.102	0.0000215	0.000586	0.000137	0.000933	
2041 Sep	99.7	0.0345	0.112	0.00399	48	0.0366	19.8	0.000965	0.000965	0.0000048	0.00342	0.00094	0.0241	0.0105	0.00000539	8.77	0.00001	0.000358	0.000112	0.000833	0.0162	0.00000286	2.22	2.01	0.0135	0.000768	16.1	0.00176	0.007	0.0000589	0.000128	0.0000856	0.0991	0.0000214	0.000562	0.000133	0.000928	
2041 Oct	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000965	0.000965	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000831	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00695	0.0000585	0.000126	0.0000846	0.0977	0.0000214	0.000551	0.000131	0.000925	
2041 Nov	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000965	0.000965	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000831	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00695	0.0000585	0.000126	0.0000846	0.0978	0.0000214	0.000551	0.000131	0.000925	
2041 Dec	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000965	0.000965	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000831	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00695	0.0000585	0.000126	0.0000846	0.0978	0.0000214	0.000551	0.000131	0.000925	
2042 Jan	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000965	0.000965	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000831	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00695	0.0000585	0.000126	0.0000846	0.0978	0.0000214	0.000551	0.000131	0.000925	
2042 Feb	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000965	0.000965	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000831	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00695	0.0000585	0.000126	0.0000846	0.0978	0.0000214	0.000551	0.000131	0.000925	
2042 Mar	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000965	0.000965	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000831	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00696	0.0000585	0.000126	0.0000846	0.0978	0.0000214	0.000551	0.000131	0.000925	
2042 Apr	98.1	0.0339	0.109	0.00393	47.2	0.0364	19.5	0.000966	0.000966	0.0000048	0.00341	0.000924	0.0237	0.0105	0.00000539	8.73	0.00000994	0.00035	0.000112	0.000832	0.0161	0.00000281	2.2	2	0.0132	0.000754	15.8	0.00173	0.00696	0.0000585	0.000126	0.0000847	0.0978	0.0000214	0.000551	0.000131	0.000925	
2042 May	98.2	0.0339	0.11	0.00393	47.2	0.0364	19.5	0.000966	0.000966	0.0000048	0.00341	0.000925	0.0237	0.0105	0.00000539	8.74	0.00000995	0.00035	0.000112	0.000832	0.0161	0.00000281	2.2	2	0.0132	0.000755	15.8	0.00173	0.00696	0.0000585	0.000126	0.0000847	0.0978	0.0000214	0.000551	0.000131	0.000926	
2042 Jun	96.7	0.0334	0.108	0.00388	46.4	0.0362	19.2	0.000966	0.000966	0.0000048	0.00341	0.000911	0.0234	0.0104	0.00000538	8.69	0.0000099	0.000347	0.000111	0.000831	0.0161	0.00000028	2.17	1.98	0.0131	0.000743	15.6	0.00171	0.00699	0.0000584	0.000125	0.0000839	0.0966	0.0000214	0.000543	0.000131	0.000926	
2042 Jul	93.8	0.0323	0.104	0.00377	44.8	0.0358	18.7	0.000967	0.000967	0.0000048	0.00338	0.000884	0.0227	0.0103	0.00000537	8.61	0.00000974	0.000339	0.000109	0.00083	0.0161	0.00000273	2.13	1.94	0.0127	0.00072	15.1	0.00167	0.00693	0.0000581	0.000121	0.0000824	0.0941	0.0000213	0.000524	0.000129	0.000922	
2042 Aug	91.2	0.0314	0.1	0.00367	43.3	0.0355	18.1	0.000968	0.000968	0.0000048	0.00336	0.000859	0.022	0.0102	0.00000535	8.54	0.00000956	0.000329	0.000107	0.000826	0.016	0.00000266	2.08	1.91	0.0123	0.000697	14.7	0.00163	0.00685	0.000057	0.000118	0.0000809	0.0918	0.0000213	0.000506	0.000127	0.000917	
2042 Sep	88.8	0.0304	0.0968	0.00357	42	0.0352	17.6	0.000969	0.000969	0.0000048	0.00334	0.000835	0.0214	0.0101	0.00000534	8.48	0.0000094	0.000317	0.000107	0.000822	0.0158	0.00000259	2.04	1.89	0.012	0.000676	14.3	0.00159	0.00677	0.0000558	0.000114	0.0000794	0.0897	0.0000212	0.000489	0.000124	0.000913	
2042 Oct	87.7	0.03	0.0952	0.00353	41.3	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000932	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000665	14.1	0.00157	0.00673	0.0000556	0.000113	0.0000787	0.0887	0.0000212	0.000481	0.000122	0.000911	
2042 Nov	87.7	0.03	0.0952	0.00353	41.3	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000932	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000665	14.1	0.00157	0.00674	0.0000556	0.000113	0.0000787	0.0887	0.0000212	0.000481	0.000122	0.000911	
2042 Dec	87.7	0.03	0.0952	0.00353	41.3	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000932	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000665	14.1	0.00157	0.00674	0.0000556	0.000113	0.0000787	0.0887	0.0000212	0.000481	0.000122	0.000911	
2043 Jan	87.7	0.03	0.0952	0.00353	41.3	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000932	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000665	14.1	0.00157	0.00674	0.0000556	0.000113	0.0000787	0.0887	0.0000212	0.000481	0.000122	0.000911	
2043 Feb	87.7	0.03	0.0952	0.00353	41.3	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000932	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000665	14.1	0.00157	0.00674	0.0000556	0.000113	0.0000787	0.0887	0.0000212	0.000481	0.000122	0.000911	
2043 Mar	87.7	0.03	0.0952	0.00353	41.3	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000932	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000665	14.1	0.00157	0.00674	0.0000556	0.000113	0.0000787	0.0887	0.0000212	0.000481	0.000122	0.000911	
2043 Apr	87.7	0.03	0.0952	0.00353	41.4	0.035	17.4	0.000969	0.000969	0.0000048	0.00333	0.000823	0.0212	0.0101	0.00000533	8.45	0.00000933	0.000312	0.000107	0.00082	0.0157	0.00000255	2.02	1.87	0.0118	0.000666	14.1	0.00157	0.00674	0.0000556	0.000113	0.0000788	0.0888	0.0000212	0.000481	0.000122	0.000911	
2043 May	87.7	0.03	0.0953	0.00353	41.4	0.035	17.4	0.00097	0.00097	0.0000049	0.00334	0.000824	0.0212	0.0101	0.00000533	8.46	0.00000933	0.000312	0.000107	0.000821	0.0157	0.00000256	2.02	1.87	0.0118	0.000666	14.1	0.00157	0.00675	0.0000557	0.000113	0.0000788	0.0888	0.0000212	0.000481	0.000123	0.000912	
2043 Jun	86.7	0.0298	0.0939	0.00349	40.7	0.0349	17.2	0.000969	0.000969	0.00000488	0.00333	0.000816	0.0209	0.0101	0.00000533	8.48	0.00000931	0.00031	0.000107	0.000821	0.0159	0.00000255	2.01	1.87	0.0119	0.000658	13.9	0.00156	0.00683	0.0000573	0.000112	0.0000784	0.0882	0.0000212	0.000475	0.000124	0.000912	
2043 Jul	85.2	0.0292	0.0918	0.00343	39.9	0.0347	16.9	0.000971	0.000971	0.00000489	0.00332	0.000802	0.0205	0.01	0.00000532	8.43	0.00000922	0.000306	0.000106	0.000822	0.0159	0.00000251	1.98	1.85	0.0117	0.000644	13.7	0.00153	0.00679	0.0000572	0.00011	0.0000776	0.0868	0.0000212	0.000464	0.000123	0.000911	
2043 Aug	85.3	0.0292	0.0919	0.00344	40	0.0347	16.9	0.000972	0.000972	0.0000049	0.00332	0.000803	0.0205	0.01	0.00000533	8.44	0.00000923	0.000306	0.000106	0.000823	0.0159	0.00000252	1.98	1.85	0.0117	0.000645	13.7	0.00154	0.0068	0.0000573	0.00011	0.0000777	0.0869	0.0000212	0.000465	0.000123	0.000912	
2043 Sep	85.4	0.0293	0.0921	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00332	0.000803	0.0206	0.01	0.00000533	8.45	0.00000924	0.000307	0.000106	0.000823	0.0159	0.00000252	1.99	1.85	0.0117	0.000647	13.7	0.00154	0.0068	0.0000573	0.00011	0.0000778	0.087	0.0000212	0.000466	0.000123	0.000912	
2043 Oct	85.4	0.0293	0.0922	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.01	0.00000533	8.45	0.00000924	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000647	13.7	0.00154	0.00682	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2043 Nov	85.4	0.0294	0.0921	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.01	0.00000533	8.45	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2043 Dec	85.4	0.0294	0.0921	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.01	0.00000533	8.45	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2044 Jan	85.4	0.0294	0.0921	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.0101	0.00000533	8.46	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2044 Feb	85.4	0.0294	0.0921	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.0101	0.00000533	8.46	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2044 Mar	85.4	0.0294	0.0922	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.0101	0.00000533	8.46	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2044 Apr	85.4	0.0294	0.0922	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.0101	0.00000533	8.46	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.85	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0871	0.0000212	0.000467	0.000123	0.000912	
2044 May	85.4	0.0294	0.0922	0.00344	40	0.0348	16.9	0.000972	0.000972	0.0000049	0.00333	0.000804	0.0206	0.0101	0.00000533	8.46	0.00000925	0.000307	0.000107	0.000823	0.0159	0.00000253	1.99	1.86	0.0117	0.000648	13.7	0.00154	0.00684	0.0000573	0.00011	0.0000778	0.0872	0.0000212	0.000467	0.000124	0.000913	
2044 Jun	85.4	0.0294	0.0923	0.00344	39.9	0.0348	17	0.000971	0.000971	0.0000049	0.00334	0.000805	0.0207	0.0101	0.00000533	8.46	0.0000093	0.000308	0.000107	0.000822	0.016	0.00000256	1.99	1.86	0.0118	0.000649	13.7	0.00154	0.00694	0.0000574	0.000111	0.

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2047 Jun	86.5	0.0303	0.0946	0.00351	40	0.0351	17.4	0.0000972	0.0000972	0.0000049	0.00342	0.000821	0.0213	0.0103	0.00000535	8.64	0.0000965	0.000319	0.000109	0.000825	0.0167	0.00000274	2.03	1.9	0.0125	0.000671	13.7	0.00159	0.00756	0.0000611	0.00117	0.0000795	0.09	0.00000212	0.000484	0.000134	0.000934	
2047 Jul	86.6	0.0304	0.0948	0.00351	40.1	0.0351	17.5	0.0000973	0.0000973	0.0000049	0.00342	0.000822	0.0214	0.0103	0.00000535	8.66	0.00000967	0.00032	0.00011	0.0000827	0.0167	0.00000274	2.04	1.9	0.0125	0.000672	13.7	0.00159	0.00757	0.0000612	0.00117	0.0000797	0.0902	0.00000213	0.000486	0.000134	0.000935	
2047 Aug	86.8	0.0305	0.095	0.00352	40.2	0.0352	17.5	0.0000974	0.0000974	0.00000491	0.00343	0.000823	0.0214	0.0103	0.00000536	8.67	0.00000968	0.000321	0.00011	0.0000828	0.0167	0.00000275	2.04	1.9	0.0126	0.000674	13.7	0.0016	0.00758	0.0000612	0.00117	0.0000798	0.0904	0.00000213	0.000487	0.000134	0.000936	
2047 Sep	86.9	0.0305	0.0952	0.00353	40.2	0.0352	17.6	0.0000974	0.0000974	0.00000491	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.00000969	0.000321	0.00011	0.0000828	0.0167	0.00000275	2.04	1.9	0.0126	0.000676	13.7	0.0016	0.00758	0.0000612	0.00117	0.0000799	0.0906	0.00000213	0.000488	0.000135	0.000936	
2047 Oct	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000676	13.7	0.0016	0.00759	0.0000612	0.00117	0.0000799	0.0906	0.00000213	0.000489	0.000135	0.000936	
2047 Nov	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.0076	0.0000612	0.00117	0.00008	0.0906	0.00000213	0.000489	0.000135	0.000936	
2047 Dec	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.0076	0.0000612	0.00117	0.00008	0.0906	0.00000213	0.000489	0.000135	0.000936	
2048 Jan	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.0076	0.0000612	0.00117	0.00008	0.0906	0.00000213	0.000489	0.000135	0.000936	
2048 Feb	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.0076	0.0000612	0.00117	0.00008	0.0906	0.00000213	0.000489	0.000135	0.000936	
2048 Mar	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.67	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.0076	0.0000612	0.00117	0.00008	0.0906	0.00000213	0.000489	0.000135	0.000936	
2048 Apr	86.9	0.0306	0.0953	0.00353	40.2	0.0352	17.6	0.0000973	0.0000973	0.0000049	0.00343	0.000824	0.0215	0.0103	0.00000536	8.68	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.0076	0.0000612	0.00117	0.00008	0.0907	0.00000213	0.000489	0.000135	0.000936	
2048 May	86.9	0.0306	0.0954	0.00353	40.2	0.0352	17.6	0.0000974	0.0000974	0.00000491	0.00343	0.000824	0.0215	0.0103	0.00000536	8.68	0.0000097	0.000322	0.00011	0.0000828	0.0167	0.00000276	2.05	1.91	0.0126	0.000677	13.7	0.0016	0.00761	0.0000612	0.00117	0.00008	0.0907	0.00000213	0.000489	0.000135	0.000937	
2048 Jun	86.8	0.0306	0.0954	0.00353	40.1	0.0352	17.6	0.0000972	0.0000972	0.0000049	0.00344	0.000825	0.0216	0.0103	0.00000536	8.68	0.00000975	0.000323	0.00011	0.0000827	0.0168	0.00000279	2.05	1.91	0.0126	0.000678	13.7	0.0016	0.00772	0.0000613	0.00118	0.00008	0.0908	0.00000213	0.00049	0.000136	0.00094	
2048 Jul	86.9	0.0307	0.0955	0.00354	40.1	0.0352	17.6	0.0000972	0.0000972	0.0000049	0.00345	0.000826	0.0216	0.0104	0.00000536	8.69	0.0000098	0.000324	0.00011	0.0000826	0.0168	0.00000281	2.05	1.91	0.0127	0.000679	13.7	0.00161	0.00779	0.0000614	0.00119	0.0000801	0.091	0.00000213	0.000491	0.000137	0.000942	
2048 Aug	87	0.0307	0.0958	0.00354	40.1	0.0352	17.7	0.0000972	0.0000972	0.0000049	0.00346	0.000827	0.0217	0.0104	0.00000536	8.7	0.00000981	0.000324	0.00011	0.0000827	0.0169	0.00000282	2.06	1.91	0.0127	0.000682	13.7	0.00161	0.00781	0.0000614	0.00119	0.0000802	0.0912	0.00000213	0.000493	0.000137	0.000943	
2048 Sep	87.1	0.0308	0.096	0.00355	40.1	0.0353	17.7	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000982	0.000325	0.00011	0.0000827	0.0169	0.00000282	2.06	1.91	0.0127	0.000683	13.7	0.00162	0.00781	0.0000614	0.00119	0.0000803	0.0913	0.00000213	0.000494	0.000137	0.000943	
2048 Oct	87.1	0.0308	0.096	0.00355	40.1	0.0353	17.7	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000982	0.000325	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00782	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2048 Nov	87.1	0.0308	0.0961	0.00355	40.1	0.0353	17.8	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000983	0.000325	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00782	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2048 Dec	87.1	0.0308	0.0961	0.00355	40.1	0.0353	17.8	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000983	0.000325	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00782	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2049 Jan	87.1	0.0308	0.0961	0.00355	40.1	0.0353	17.8	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000983	0.000325	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00782	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2049 Feb	87.1	0.0308	0.0961	0.00355	40.1	0.0353	17.8	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000983	0.000325	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00782	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2049 Mar	87.1	0.0308	0.0961	0.00355	40.2	0.0353	17.8	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000983	0.000325	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00782	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2049 Apr	87.1	0.0308	0.0961	0.00355	40.2	0.0353	17.8	0.0000972	0.0000972	0.0000049	0.00346	0.000828	0.0217	0.0104	0.00000536	8.7	0.00000983	0.000326	0.00011	0.0000827	0.0169	0.00000283	2.06	1.91	0.0127	0.000684	13.7	0.00162	0.00783	0.0000614	0.00119	0.0000804	0.0914	0.00000213	0.000495	0.000137	0.000943	
2049 May	87.2	0.0309	0.0961	0.00355	40.2	0.0353	17.8	0.0000973	0.0000973	0.0000049	0.00346	0.000828	0.0218	0.0104	0.00000536	8.71	0.00000983	0.000326	0.00011	0.0000827	0.0169	0.00000283	2.06	1.92	0.0128	0.000684	13.7	0.00162	0.00783	0.0000614	0.0012	0.0000804	0.0915	0.00000213	0.000495	0.000137	0.000944	
2049 Jun	87.1	0.0309	0.0961	0.00355	40.1	0.0353	17.8	0.0000971	0.0000971	0.0000049	0.00347	0.000829	0.0218	0.0104	0.00000536	8.71	0.00000988	0.000326	0.00011	0.0000826	0.0169	0.00000286	2.06	1.91	0.0128	0.000685	13.7	0.00162	0.00794	0.0000615	0.00012	0.0000804	0.0915	0.00000213	0.000496	0.000138	0.000947	
2049 Jul	87.2	0.0309	0.0964	0.00356	40.1	0.0353	17.8	0.0000971	0.0000971	0.0000048	0.00348	0.00083	0.0219	0.0104	0.00000536	8.71	0.00000991	0.000327	0.00011	0.0000826	0.017	0.00000287	2.06	1.92	0.0128	0.000687	13.7	0.00162	0.00799	0.0000615	0.00121	0.0000805	0.0918	0.00000213	0.000497	0.000139	0.000948	
2049 Aug	87.3	0.031	0.0966	0.00356	40.1	0.0353	17.9	0.0000972	0.0000972	0.0000049	0.00348	0.000831	0.0219	0.0104	0.00000537	8.73	0.00000993	0.000328	0.00011	0.0000827	0.017	0.00000288	2.07	1.92	0.0128	0.000689	13.7	0.00163	0.008	0.0000616	0.00121	0.0000807	0.0919	0.00000213	0.000498	0.000139	0.000949	
2049 Sep	87.4	0.0311	0.0968	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.0219	0.0104	0.00000537	8.73	0.00000994	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.00069	13.7	0.00163	0.00801	0.0000616	0.00121	0.0000808	0.0921	0.00000213	0.0005	0.000139	0.00095	
2049 Oct	87.4	0.0311	0.0968	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000536	8.73	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.7	0.00163	0.00802	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.0005	0.000139	0.000949	
2049 Nov	87.4	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.73	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.7	0.00163	0.00802	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.00095	
2049 Dec	87.4	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.73	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.7	0.00163	0.00802	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.00095	
2050 Jan	87.4	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.73	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.7	0.00163	0.00802	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.00095	
2050 Feb	87.4	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.73	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.7	0.00163	0.00803	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.00095	
2050 Mar	87.4	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.74	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000691	13.7	0.00163	0.00803	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.00095	
2050 Apr	87.4	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.74	0.00000995	0.000329	0.00011	0.0000827	0.017	0.00000289	2.07	1.92	0.0129	0.000692	13.7	0.00163	0.00803	0.0000616	0.00121	0.0000808	0.0922	0.00000213	0.000501	0.000139	0.00095	
2050 May	87.5	0.0311	0.0969	0.00357	40.2	0.0354	17.9	0.0000972	0.0000972	0.0000049	0.00349	0.000832	0.022	0.0104	0.00000537	8.74	0.00000995	0.000329	0.00011	0.0000828	0.017	0.00000289	2.07	1.92	0.0129	0.000692	13.7	0.00163	0.00803	0.0000616	0.00121	0.0000809	0.0922	0.00000213	0.000501	0.000139	0.00095	
2050 Jun	87.4	0.0312	0.097	0.00357	40.1	0.0354	17.9	0.0000971	0.0000971	0.0000049	0.0035	0.000833	0.022	0.0104	0.00000536	8.74	0.00000999	0.000331	0.00011	0.0000827	0.0171	0.00000291	2.08	1.93	0.0129	0.000693	13.7	0.00164	0.00811	0.0000617	0.00122	0.0000809	0.0923	0.00000213	0.000502	0.000141	0.000952	
2050 Jul	87.5	0.0312	0.0972	0.00358	40.1	0.0354	18	0.0000971	0.0000971	0.00000489	0.0035	0.000834	0.0221	0.0104	0.00000536	8.75	0.00001	0.000331	0.00011	0.0000826	0.0171	0.00000293	2.08	1.93	0.013	0.000695	13.7	0.00164	0.00814	0.0000618	0.00122	0.000081	0.0926	0.00000213	0.000503	0.000141	0.000953	
2050 Aug	87.6	0.0313	0.0974	0.00359	40.2	0.0354	18	0.0000972	0.0000972	0.0000049	0.00351	0.000835	0.0221	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000827	0.0171	0.00000293	2.08	1.93	0.013	0.000697	13.7	0.00164	0.00815	0.0000618	0.00123	0.0000812	0.0927	0.00000213	0.000505	0.000141	0.000954	
2050 Sep	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000835	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000827	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00816	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000954	
2050 Oct	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2050 Nov	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2050 Dec	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2051 Jan	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2051 Feb	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2051 Mar	87.7	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2051 Apr	87.8	0.0313	0.0976	0.00359	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.76	0.00001	0.000332	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000698	13.7	0.00165	0.00817	0.0000618	0.00123	0.0000813	0.0929	0.00000213	0.000506	0.000141	0.000955	
2051 May	87.8	0.0314	0.0977	0.0036	40.2	0.0355	18.1	0.0000972	0.0000972	0.0000049	0.00351	0.000836	0.0222	0.0105	0.00000537	8.77	0.0000101	0.000333	0.000111	0.0000828	0.0171	0.00000294	2.09	1.93	0.013	0.000699	13.7	0.00165	0.00818	0.000062	0.00123	0.0000813	0.093	0.00000213	0.000506	0.000141	0.000955	
2051 Jun	87.7	0.0315	0.0977	0.00359	40.1	0.0354	18.1	0.0000971	0.0000971	0.0000049	0.00352	0.000838	0.0222	0.0105	0.00000537	8.81	0.0000101	0.000334	0.000112	0.0000827	0.0173	0.00000298	2.09	1.94	0.0132	0.000699	13.7	0.00165	0.00835	0.0000635	0.00124	0.0000815	0.0933	0.00000213	0.000507	0.000144	0.000959	
2051 Jul	87.9	0.0315	0.0979	0.0036	40.1	0.0355	18.2	0.0000971	0.0000971	0.0000049	0.00353	0.000839	0.0223	0.0105	0.00000537	8.82	0.0000101	0.000335	0.000112	0.0000828	0.0174	0.00000299	2.09	1.94	0.0133	0.000702	13.7	0.00166	0.00837	0.0000636	0.00124	0.0000816	0.0935	0.00000213	0.000508	0.000145	0.00096	
2051 Aug	88	0.0316	0.0982	0.00361	40.2	0.0355	18.2	0.0000971	0.0000971	0.0000049	0.00353	0.000841	0.0224	0.0105	0.00000537	8.83	0.0000102	0.000336	0.000112	0.0000828	0.0174	0.000003	2.1	1.95	0.0133	0.000704	13.7	0.00166	0.00838	0.0000636	0.00125	0.0000818	0.0937	0.00000213	0.00051	0.000145	0.00096	
2051 Sep	88.1	0.0317	0.0984	0.00361	40.2	0.0355	18.2	0.0000971	0.0000971	0.0000049	0.00353	0.000841	0.0224	0.0106	0.00000537	8.83	0.0000102	0.000336	0.000112	0.0000828	0.0174	0.00000301	2.1	1.95	0.0133	0.000706	13.7	0.00166	0.0084	0.0000635	0.00125	0.0000819	0.0939	0.00000213	0.000512	0.000145	0.00096	
2051 Oct	88	0.0318	0.0984	0.00361	40.2	0.0355	18.3	0.00097	0.00097	0.0000049	0.00354	0.000841	0.0224	0.0106	0.00000537	8.84	0.0000102	0.000337	0.000112	0.0000828	0.0174	0.00000302	2.1	1.95	0.0133	0.000707	13.7	0.00166	0.00845	0.0000634	0.00125	0.0000819	0.094	0.00000213	0.000512	0.000145	0.00096	
2051 Nov	88	0.0318	0.0984	0.00361	40.2	0.0355	18.3	0.00097	0.00097	0.0000049	0.00354	0.000841	0.0224	0.0106	0.00000537	8.84	0.0000102	0.000337	0.000112	0.0000828	0.0174	0.00000302	2.1	1.95	0.0133	0.000707	13.7	0.00166	0.

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2054 Dec	89.5	0.0329	0.101	0.00369	40.5	0.0359	18.8	0.0000971	0.0000971	0.0000049	0.0036	0.000859	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000834	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00892	0.0000684	0.00013	0.0000839	0.0971	0.00000214	0.000531	0.000154	0.000974	
2055 Jan	89.5	0.0329	0.101	0.00369	40.5	0.0359	18.8	0.0000971	0.0000971	0.0000049	0.0036	0.000859	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000834	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00892	0.0000684	0.00013	0.0000839	0.0971	0.00000214	0.000531	0.000154	0.000974	
2055 Feb	89.5	0.0329	0.101	0.00369	40.5	0.0359	18.8	0.0000971	0.0000971	0.0000049	0.0036	0.000859	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000834	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00892	0.0000684	0.00013	0.0000839	0.0971	0.00000214	0.000531	0.000154	0.000974	
2055 Mar	89.5	0.0329	0.101	0.00369	40.5	0.0359	18.8	0.0000971	0.0000971	0.0000049	0.0036	0.000859	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000834	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00892	0.0000684	0.00013	0.0000839	0.0971	0.00000214	0.000531	0.000154	0.000974	
2055 Apr	89.5	0.0329	0.101	0.00369	40.5	0.0359	18.8	0.0000971	0.0000971	0.0000049	0.0036	0.000859	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000834	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00892	0.0000684	0.00013	0.0000839	0.0971	0.00000214	0.000531	0.000154	0.000974	
2055 May	89.5	0.0329	0.101	0.00369	40.5	0.036	18.8	0.0000971	0.0000971	0.0000049	0.0036	0.00086	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000835	0.0181	0.00000316	2.16	2	0.0142	0.000731	13.8	0.00172	0.00892	0.0000685	0.00013	0.0000839	0.0972	0.00000214	0.000531	0.000154	0.000974	
2055 Jun	89.4	0.0329	0.101	0.00369	40.4	0.0359	18.8	0.00097	0.00097	0.00000489	0.00361	0.00086	0.0232	0.0109	0.00000539	9.06	0.0000105	0.000349	0.000116	0.000833	0.0182	0.00000319	2.16	2	0.0142	0.000731	13.8	0.00172	0.00904	0.0000685	0.000131	0.0000839	0.0972	0.00000214	0.000531	0.000155	0.000977	
2055 Jul	89.5	0.033	0.101	0.0037	40.4	0.0359	18.9	0.00097	0.00097	0.00000489	0.00362	0.000861	0.0232	0.0109	0.00000539	9.07	0.0000105	0.00035	0.000116	0.000833	0.0182	0.00000321	2.16	2	0.0143	0.000733	13.8	0.00172	0.00908	0.0000686	0.000131	0.000084	0.0974	0.00000214	0.000533	0.000156	0.000979	
2055 Aug	89.7	0.033	0.102	0.0037	40.5	0.036	18.9	0.0000971	0.0000971	0.0000049	0.00362	0.000862	0.0233	0.0109	0.0000054	9.08	0.0000106	0.000351	0.000116	0.000834	0.0182	0.00000321	2.16	2	0.0143	0.000735	13.8	0.00173	0.00909	0.0000686	0.000131	0.0000841	0.0976	0.00000214	0.000534	0.000156	0.00098	
2055 Sep	89.7	0.0331	0.102	0.00371	40.5	0.036	18.9	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0233	0.0109	0.0000054	9.08	0.0000106	0.000352	0.000116	0.000834	0.0182	0.00000322	2.17	2.01	0.0143	0.000736	13.8	0.00173	0.00909	0.0000686	0.000132	0.0000842	0.0977	0.00000214	0.000535	0.000156	0.00098	
2055 Oct	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.08	0.0000106	0.000352	0.000116	0.000834	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000686	0.000132	0.0000843	0.0978	0.00000214	0.000535	0.000156	0.00098	
2055 Nov	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000352	0.000116	0.000835	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000686	0.000132	0.0000843	0.0978	0.00000214	0.000535	0.000156	0.00098	
2055 Dec	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000352	0.000116	0.000835	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000686	0.000132	0.0000843	0.0978	0.00000214	0.000535	0.000156	0.00098	
2056 Jan	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000352	0.000116	0.000835	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000686	0.000132	0.0000843	0.0978	0.00000214	0.000535	0.000156	0.00098	
2056 Feb	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000352	0.000116	0.000835	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000686	0.000132	0.0000843	0.0978	0.00000214	0.000535	0.000156	0.00098	
2056 Mar	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000352	0.000116	0.000835	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000686	0.000132	0.0000843	0.0978	0.00000214	0.000535	0.000156	0.00098	
2056 Apr	89.8	0.0331	0.102	0.00371	40.5	0.036	19	0.0000971	0.0000971	0.0000049	0.00362	0.000863	0.0234	0.0109	0.0000054	9.09	0.0000106	0.000352	0.000116	0.000835	0.0182	0.00000322	2.17	2.01	0.0143	0.000737	13.8	0.00173	0.0091	0.0000687	0.000132	0.0000843	0.0978	0.00000214	0.000536	0.000156	0.00098	
2056 May	89.8	0.0332	0.102	0.00371	40.5	0.036	19	0.0000972	0.0000972	0.0000049	0.00363	0.000864	0.0234	0.0109	0.0000054	9.11	0.0000106	0.000352	0.000116	0.000835	0.0183	0.00000323	2.17	2.01	0.0144	0.000737	13.8	0.00173	0.00913	0.0000692	0.000132	0.0000844	0.0979	0.00000214	0.000536	0.000157	0.000981	
2056 Jun	89.9	0.0333	0.102	0.00371	40.5	0.036	19	0.00097	0.00097	0.00000489	0.00363	0.000867	0.0234	0.011	0.00000539	9.17	0.0000106	0.000354	0.000118	0.000836	0.0185	0.00000325	2.17	2.02	0.0147	0.000739	13.8	0.00174	0.00926	0.0000716	0.000133	0.0000846	0.0984	0.00000214	0.000537	0.00016	0.000983	
2056 Jul	90.1	0.0334	0.102	0.00372	40.5	0.0361	19.1	0.0000971	0.0000971	0.0000049	0.00364	0.000868	0.0235	0.011	0.0000054	9.18	0.0000106	0.000355	0.000118	0.000837	0.0186	0.00000326	2.18	2.02	0.0147	0.000741	13.8	0.00174	0.00927	0.0000716	0.000133	0.0000848	0.0986	0.00000214	0.000538	0.00016	0.000984	
2056 Aug	90.2	0.0335	0.102	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00364	0.000869	0.0235	0.011	0.0000054	9.19	0.0000107	0.000356	0.000118	0.000837	0.0186	0.00000326	2.18	2.03	0.0147	0.000743	13.8	0.00174	0.00928	0.0000717	0.000133	0.0000849	0.0988	0.00000215	0.00054	0.00016	0.000985	
2056 Sep	90.3	0.0335	0.103	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000744	13.8	0.00175	0.00929	0.0000717	0.000133	0.000085	0.0989	0.00000215	0.000541	0.00016	0.000985	
2056 Oct	90.3	0.0336	0.103	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.00929	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2056 Nov	90.3	0.0336	0.103	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.00929	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2056 Dec	90.3	0.0336	0.103	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.00929	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2057 Jan	90.3	0.0336	0.103	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.00929	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2057 Feb	90.3	0.0336	0.103	0.00373	40.6	0.0361	19.1	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.00929	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2057 Mar	90.3	0.0336	0.103	0.00373	40.6	0.0361	19.2	0.0000972	0.0000972	0.0000049	0.00365	0.00087	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.0093	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2057 Apr	90.3	0.0336	0.103	0.00373	40.6	0.0362	19.2	0.0000972	0.0000972	0.0000049	0.00365	0.000871	0.0236	0.011	0.00000541	9.2	0.0000107	0.000356	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.0093	0.0000717	0.000133	0.0000851	0.099	0.00000215	0.000541	0.000161	0.000985	
2057 May	90.4	0.0336	0.103	0.00374	40.7	0.0362	19.2	0.0000972	0.0000972	0.0000049	0.00365	0.000871	0.0236	0.011	0.00000541	9.21	0.0000107	0.000357	0.000118	0.000838	0.0186	0.00000327	2.19	2.03	0.0148	0.000745	13.8	0.00175	0.0093	0.0000718	0.000134	0.0000851	0.0991	0.00000215	0.000542	0.000161	0.000986	
2057 Jun	90.4	0.0337	0.103	0.00374	40.6	0.0361	19.2	0.0000971	0.0000971	0.0000049	0.00366	0.000872	0.0236	0.0111	0.0000054	9.23	0.0000107	0.000358	0.000119	0.000837	0.0187	0.0000033	2.19	2.03	0.0149	0.000746	13.8	0.00175	0.00942	0.0000727	0.000134	0.0000852	0.0993	0.00000215	0.000543	0.000163	0.000988	
2057 Jul	90.5	0.0337	0.103	0.00374	40.6	0.0362	19.2	0.0000972	0.0000972	0.0000049	0.00366	0.000874	0.0237	0.0111	0.00000541	9.24	0.0000108	0.000359	0.000119	0.000838	0.0187	0.00000331	2.19	2.04	0.0149	0.000748	13.8	0.00176	0.00943	0.0000728	0.000135	0.0000854	0.0995	0.00000215	0.000544	0.000163	0.000989	
2057 Aug	90.7	0.0338	0.103	0.00375	40.7	0.0362	19.3	0.0000973	0.0000973	0.00000491	0.00367	0.000875	0.0238	0.0111	0.00000542	9.26	0.0000108	0.000359	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.00075	13.9	0.00176	0.00945	0.0000729	0.000135	0.0000856	0.0998	0.00000215	0.000546	0.000163	0.000991	
2057 Sep	90.8	0.0339	0.104	0.00376	40.7	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.26	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000751	13.9	0.00176	0.00945	0.0000729	0.000135	0.0000857	0.0999	0.00000215	0.000547	0.000163	0.000992	
2057 Oct	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.26	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00945	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2057 Nov	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.27	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00946	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2057 Dec	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.27	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00946	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2058 Jan	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.27	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00946	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2058 Feb	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.27	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00946	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2058 Mar	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.27	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00946	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2058 Apr	90.8	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00367	0.000876	0.0238	0.0111	0.00000542	9.27	0.0000108	0.00036	0.000119	0.00084	0.0188	0.00000332	2.2	2.04	0.015	0.000752	13.9	0.00176	0.00946	0.0000729	0.000135	0.0000857	0.1	0.00000215	0.000547	0.000163	0.000992	
2058 May	90.9	0.0339	0.104	0.00376	40.8	0.0363	19.3	0.0000974	0.0000974	0.00000491	0.00368	0.000878	0.0238	0.0112	0.00000542	9.29	0.0000108	0.000361	0.00012	0.000841	0.0189	0.00000333	2.21	2.05	0.0151	0.000752	13.9	0.00177	0.00951	0.0000738	0.000135	0.0000858	0.1	0.00000215	0.000547	0.000165	0.000993	
2058 Jun	90.9	0.0342	0.104	0.00376	40.7	0.0362	19.4	0.0000972	0.0000972	0.0000049	0.00368	0.000882	0.0238	0.0113	0.00000541	9.39	0.0000109	0.000362	0.000122	0.000841	0.0193	0.00000337	2.21	2.06	0.0155	0.000753	13.8	0.00177	0.0097	0.0000774	0.000136	0.0000861	0.101	0.00000215	0.000548	0.000169	0.000995	
2058 Jul	91.1	0.0343	0.104	0.00376	40.7	0.0363	19.4	0.0000972	0.0000972	0.0000049	0.00369	0.000883	0.0239	0.0113	0.00000542	9.4	0.0000109	0.000363	0.000122	0.000842	0.0193	0.00000337	2.21	2.06	0.0156	0.000756	13.9	0.00178	0.00971	0.0000775	0.000137	0.0000863	0.101	0.00000215	0.00055	0.00017	0.000996	
2058 Aug	91.2	0.0343	0.104	0.00377	40.8	0.0363	19.5	0.0000973	0.0000973	0.00000491	0.00369	0.000884	0.024	0.0113	0.00000542	9.41	0.0000109	0.000364	0.000122	0.000843	0.0193	0.00000338	2.22	2.07	0.0156	0.000757	13.9	0.00178	0.00972	0.0000775	0.000137	0.0000864	0.101	0.00000215	0.000551	0.00017	0.000997	
2058 Sep	91.3	0.0344	0.104	0.00378	40.8	0.0363	19.5	0.0000973	0.0000973	0.00000491	0.00369	0.000885	0.024	0.0113	0.00000542	9.41	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000338	2.22	2.07	0.0156	0.000759	13.9	0.00178	0.00972	0.0000775	0.000137	0.0000865	0.101	0.00000215	0.000552	0.00017	0.000997	
2058 Oct	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.00369	0.000885	0.024	0.0113	0.00000542	9.41	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2058 Nov	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000885	0.024	0.0113	0.00000542	9.41	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2058 Dec	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000885	0.024	0.0113	0.00000542	9.41	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2059 Jan	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000885	0.024	0.0113	0.00000542	9.41	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2059 Feb	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000885	0.024	0.0113	0.00000542	9.42	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2059 Mar	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000885	0.024	0.0113	0.00000542	9.42	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2059 Apr	91.3	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000885	0.024	0.0113	0.00000542	9.42	0.0000109	0.000365	0.000122	0.000843	0.0193	0.00000339	2.22	2.07	0.0156	0.00076	13.9	0.00178	0.00973	0.0000775	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000997	
2059 May	91.4	0.0344	0.104	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0037	0.000886	0.024	0.0113	0.00000543	9.43	0.0000109	0.000365	0.000123	0.000844	0.0193	0.00000339	2.22	2.07	0.0157	0.00076	13.9	0.00178	0.00975	0.0000779	0.000137	0.0000866	0.101	0.00000215	0.000553	0.00017	0.000998	
2059 Jun	91.5	0.0346	0.105	0.00378	40.8	0.0364	19.5	0.0000973	0.0000973	0.00000491	0.0

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.0000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2062 Jun	92.9	0.0359	0.107	0.00385	41.1	0.0368	20.1	0.000974	0.000974	0.00000491	0.00378	0.000907	0.0248	0.0117	0.00000545	9.73	0.0000113	0.000379	0.000128	0.000851	0.0203	0.00000358	2.28	2.13	0.0168	0.000785	13.9	0.00184	0.0104	0.0000851	0.000143	0.0000888	0.105	0.00000216	0.000572	0.000183	0.00101	
2062 Jul	93	0.0359	0.107	0.00386	41.1	0.0368	20.1	0.000974	0.000974	0.00000491	0.00378	0.000908	0.0248	0.0117	0.00000545	9.73	0.0000113	0.00038	0.000128	0.000851	0.0204	0.00000359	2.28	2.13	0.0169	0.000787	13.9	0.00184	0.0105	0.0000851	0.000143	0.0000889	0.105	0.00000216	0.000573	0.000183	0.00102	
2062 Aug	93.1	0.036	0.108	0.00387	41.1	0.0368	20.2	0.000974	0.000974	0.00000492	0.00379	0.000909	0.0249	0.0117	0.00000545	9.74	0.0000113	0.00038	0.000128	0.000851	0.0204	0.0000036	2.29	2.14	0.0169	0.000789	14	0.00185	0.0105	0.0000851	0.000144	0.0000891	0.105	0.00000216	0.000575	0.000183	0.00102	
2062 Sep	93.1	0.0361	0.108	0.00387	41.1	0.0368	20.2	0.000974	0.000974	0.00000491	0.00379	0.00091	0.0249	0.0118	0.00000545	9.74	0.0000113	0.000381	0.000128	0.000851	0.0204	0.0000036	2.29	2.14	0.0169	0.00079	14	0.00185	0.0105	0.000085	0.000144	0.0000892	0.106	0.00000216	0.000576	0.000183	0.00102	
2062 Oct	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.0000049	0.00379	0.000909	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.00085	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000576	0.000183	0.00102	
2062 Nov	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.0000049	0.00379	0.00091	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.00085	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000576	0.000183	0.00102	
2062 Dec	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.00000491	0.00379	0.00091	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.00085	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000576	0.000183	0.00102	
2063 Jan	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.00000491	0.00379	0.00091	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.00085	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000576	0.000183	0.00102	
2063 Feb	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.00000491	0.00379	0.00091	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.00085	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000576	0.000183	0.00102	
2063 Mar	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.00000491	0.00379	0.00091	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.00085	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000576	0.000183	0.00102	
2063 Apr	93.1	0.0362	0.108	0.00387	41.1	0.0368	20.2	0.000972	0.000972	0.00000491	0.00379	0.00091	0.025	0.0118	0.00000544	9.75	0.0000113	0.000381	0.000128	0.000851	0.0204	0.00000362	2.29	2.14	0.0169	0.000792	13.9	0.00185	0.0106	0.0000848	0.000144	0.0000891	0.106	0.00000216	0.000577	0.000183	0.00102	
2063 May	93.1	0.0363	0.108	0.00387	41.1	0.0369	20.2	0.000972	0.000972	0.00000491	0.00379	0.00091	0.025	0.0118	0.00000544	9.76	0.0000113	0.000382	0.000128	0.000851	0.0205	0.00000362	2.29	2.14	0.017	0.000792	13.9	0.00185	0.0106	0.0000852	0.000144	0.0000892	0.106	0.00000216	0.000577	0.000184	0.00102	
2063 Jun	93.1	0.0364	0.108	0.00387	40.9	0.0368	20.2	0.00097	0.00097	0.00000489	0.0038	0.000913	0.025	0.0119	0.00000543	9.82	0.0000114	0.000383	0.00013	0.00085	0.0207	0.00000366	2.29	2.15	0.0173	0.000793	13.9	0.00186	0.0108	0.0000879	0.000145	0.0000894	0.106	0.00000216	0.000577	0.000188	0.00102	
2063 Jul	93.2	0.0365	0.108	0.00387	41	0.0368	20.3	0.00097	0.00097	0.00000489	0.00381	0.000914	0.0251	0.0119	0.00000543	9.83	0.0000114	0.000384	0.00013	0.00085	0.0208	0.00000367	2.3	2.15	0.0173	0.000795	13.9	0.00186	0.0108	0.0000879	0.000145	0.0000895	0.106	0.00000216	0.000579	0.000188	0.00102	
2063 Aug	93.4	0.0366	0.108	0.00388	41	0.0369	20.3	0.000971	0.000971	0.0000049	0.00381	0.000915	0.0251	0.0119	0.00000544	9.84	0.0000114	0.000385	0.00013	0.000851	0.0208	0.00000367	2.3	2.16	0.0173	0.000797	13.9	0.00186	0.0108	0.000088	0.000145	0.0000897	0.107	0.00000216	0.00058	0.000188	0.00102	
2063 Sep	93.4	0.0366	0.108	0.00388	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00381	0.000916	0.0251	0.0119	0.00000544	9.85	0.0000114	0.000385	0.00013	0.000852	0.0208	0.00000368	2.3	2.16	0.0174	0.000798	13.9	0.00187	0.0108	0.000088	0.000146	0.0000898	0.107	0.00000216	0.000581	0.000188	0.00102	
2063 Oct	93.4	0.0366	0.108	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00381	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2063 Nov	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2063 Dec	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2064 Jan	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2064 Feb	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2064 Mar	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2064 Apr	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000916	0.0252	0.0119	0.00000544	9.85	0.0000114	0.000386	0.00013	0.000852	0.0208	0.00000368	2.31	2.16	0.0174	0.000799	13.9	0.00187	0.0108	0.0000879	0.000146	0.0000898	0.107	0.00000216	0.000582	0.000189	0.00102	
2064 May	93.5	0.0367	0.109	0.00389	41.1	0.0369	20.4	0.000971	0.000971	0.0000049	0.00382	0.000918	0.0252	0.0119	0.00000544	9.88	0.0000115	0.000386	0.00013	0.000852	0.0209	0.00000369	2.31	2.16	0.0175	0.000799	13.9	0.00187	0.0109	0.0000889	0.000146	0.0000899	0.107	0.00000216	0.000582	0.00019	0.00102	
2064 Jun	93.6	0.0369	0.109	0.00388	41	0.0368	20.4	0.000969	0.000969	0.00000489	0.00383	0.000921	0.0252	0.012	0.00000543	9.96	0.0000115	0.000388	0.000133	0.000853	0.0212	0.00000372	2.31	2.17	0.0178	0.0008	13.9	0.00187	0.011	0.0000919	0.000147	0.0000902	0.107	0.00000216	0.000583	0.000194	0.00102	
2064 Jul	93.7	0.037	0.109	0.00389	41.1	0.0369	20.5	0.00097	0.00097	0.00000489	0.00383	0.000922	0.0253	0.0121	0.00000544	9.97	0.0000115	0.000388	0.000133	0.000854	0.0212	0.00000373	2.32	2.18	0.0179	0.000802	13.9	0.00188	0.011	0.000092	0.000147	0.0000904	0.108	0.00000216	0.000584	0.000194	0.00102	
2064 Aug	93.9	0.0371	0.109	0.0039	41.1	0.0369	20.5	0.00097	0.00097	0.0000049	0.00383	0.000923	0.0253	0.0121	0.00000544	9.98	0.0000115	0.000389	0.000133	0.000854	0.0213	0.00000373	2.32	2.18	0.0179	0.000804	13.9	0.00188	0.0111	0.0000921	0.000147	0.0000905	0.108	0.00000216	0.000586	0.000194	0.00103	
2064 Sep	93.9	0.0371	0.109	0.0039	41.1	0.037	20.6	0.00097	0.00097	0.00000489	0.00384	0.000924	0.0254	0.0121	0.00000544	9.98	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00188	0.0111	0.000092	0.000147	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2064 Oct	93.9	0.0371	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.00000489	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2064 Nov	93.9	0.0371	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2064 Dec	93.9	0.0371	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2065 Jan	93.9	0.0371	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2065 Feb	93.9	0.0371	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2065 Mar	93.9	0.0371	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2065 Apr	94	0.0372	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000924	0.0254	0.0121	0.00000544	9.99	0.0000115	0.00039	0.000133	0.000854	0.0213	0.00000374	2.32	2.18	0.0179	0.000806	13.9	0.00189	0.0111	0.000092	0.000148	0.0000906	0.108	0.00000216	0.000587	0.000194	0.00103	
2065 May	94	0.0372	0.109	0.00391	41.1	0.037	20.6	0.00097	0.00097	0.0000049	0.00384	0.000925	0.0254	0.0121	0.00000544	10	0.0000116	0.000391	0.000133	0.000855	0.0213	0.00000375	2.33	2.18	0.018	0.000807	14	0.00189	0.0111	0.0000924	0.000148	0.0000907	0.108	0.00000216	0.000588	0.000195	0.00103	
2065 Jun	94	0.0373	0.109	0.00391	41.1	0.037	20.6	0.000969	0.000969	0.00000489	0.00384	0.000927	0.0254	0.0121	0.00000544	10	0.0000116	0.000392	0.000134	0.000854	0.0214	0.00000377	2.33	2.19	0.0181	0.000808	13.9	0.00189	0.0112	0.0000935	0.000148	0.0000908	0.108	0.00000216	0.000589	0.000197	0.00103	
2065 Jul	94.2	0.0374	0.11	0.00392	41.2	0.037	20.7	0.00097	0.00097	0.0000049	0.00385	0.000928	0.0255	0.0121	0.00000545	10	0.0000116	0.000393	0.000134	0.000856	0.0215	0.00000378	2.33	2.19	0.0182	0.00081	14	0.0019	0.0112	0.0000936	0.000149	0.000091	0.109	0.00000216	0.00059	0.000197	0.00103	
2065 Aug	94.4	0.0374	0.11	0.00393	41.2	0.0371	20.7	0.000971	0.000971	0.0000049	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000116	0.000393	0.000134	0.000857	0.0215	0.00000378	2.34	2.2	0.0182	0.000812	14	0.0019	0.0112	0.0000937	0.000149	0.0000912	0.109	0.00000216	0.000592	0.000197	0.00103	
2065 Sep	94.4	0.0375	0.11	0.00393	41.2	0.0371	20.8	0.000971	0.000971	0.0000049	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000116	0.000394	0.000134	0.000857	0.0215	0.00000379	2.34	2.2	0.0182	0.000814	14	0.0019	0.0112	0.0000936	0.000149	0.0000913	0.109	0.00000216	0.000593	0.000197	0.00103	
2065 Oct	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000394	0.000134	0.000857	0.0215	0.00000379	2.34	2.2	0.0182	0.000815	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2065 Nov	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000379	2.34	2.2	0.0182	0.000815	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2065 Dec	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000379	2.34	2.2	0.0182	0.000815	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2066 Jan	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000379	2.34	2.2	0.0182	0.000815	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2066 Feb	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000379	2.34	2.2	0.0182	0.000815	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2066 Mar	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000379	2.34	2.2	0.0182	0.000815	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2066 Apr	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00386	0.00093	0.0256	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000379	2.34	2.2	0.0182	0.000816	14	0.0019	0.0113	0.0000934	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2066 May	94.4	0.0377	0.11	0.00393	41.2	0.0371	20.8	0.00097	0.00097	0.00000489	0.00386	0.000931	0.0257	0.0122	0.00000545	10.1	0.0000117	0.000395	0.000134	0.000856	0.0215	0.00000378	2.34	2.2	0.0182	0.000816	14	0.0019	0.0113	0.0000935	0.000149	0.0000913	0.109	0.00000216	0.000594	0.000197	0.00103	
2066 Jun	94.3	0.0377	0.11	0.00393	41.1	0.0371	20.8	0.000968	0.000968	0.00000489	0.00387	0.000932	0.0257	0.0122	0.00000544	10.1	0.0000117	0.000395	0.000135	0.000855	0.0216	0.00000383	2.34	2.2	0.0183	0.000816	13.9	0.00191	0.0114	0.0000942	0.00015	0.0000913	0.109	0.00000216	0.000594	0.000199	0.00103	
2066 Jul	94.5	0.0378	0.111	0.00394	41.2	0.0371	20.8	0.000969	0.000969	0.00000489	0.00388	0.000933	0.0258	0.0122	0.00000545	10.1	0.0000117	0.000397	0.000135	0.000858	0.0217	0.00000385	2.35	2.21	0.0184	0.000815	14	0.00191	0.0114	0.0000944	0.00015	0.0000915	0.11	0.00000216	0.000596	0.0002	0.00103	
2066 Aug	94.7	0.0379	0.111	0.00395	41.2	0.0372	20.9	0.00097	0.00097	0.0000049	0.00389	0.000935	0.0258	0.0122	0.00000546	10.1	0.0000118	0.000397	0.000135	0.000858	0.0217	0.00000385	2.35	2.21	0.0184	0.00082	14	0.00192	0.0115	0.0000945	0.000151	0.0000917	0.11	0.00000217	0.000598	0.0002	0.00104	
2066 Sep	94.8	0.0379	0.111	0.00395	41.3	0.0372	20.9	0.00097	0.00097	0.0000049	0.00389	0.000936	0.0259	0.0122	0.00000546	10.1	0.0000118	0.000398	0.000135	0.000858	0.0217	0.00000386	2.36	2.21	0.0184	0.000822	14	0.00192	0.0115	0.0000945	0.000151	0.0000918	0.11	0.00000217	0.000599	0.0002	0.00104	
2066 Oct	94.8	0.038	0.111	0.00396	41.3	0.0372	20.9	0.00097	0.00097	0.0000049	0.00389	0.000936	0.0259	0.0122	0.00000546	10.1	0.0000118	0.000398	0.000135	0.000858	0.0217	0.00000386	2.36	2.21	0.0184	0.000823	14	0.00192	0.0115	0.0000944	0.000151	0.0000918	0.11	0.00000216	0.0006	0.0002	0.00104	
2066 Nov	94.8	0.038	0.111	0.00396	41.3	0.0372	20.9	0.00097	0.00097	0.0000049	0.00389	0.000936	0.0259	0.0122	0.00000546	10.1	0.0000118	0.000398	0.000135	0.000858	0.0217	0.00000386	2.36	2.21	0.0184	0.000823	14	0.00192	0.0115	0.0000944	0.000151	0.0000918	0.11	0.00000216	0.0006	0.0002	0.00104	
2066 Dec	94.8	0.038	0.111	0.00396	41.3	0.0372	20.9	0.00097	0.00097	0.0000049	0.00389	0.000936	0.0259	0.0122	0.00000546	10.1	0.0000118	0.000398	0.000135	0.000858	0.0217	0.00000386	2.36	2.21	0.0184	0.000823	14	0.00192	0.0115	0.0000944	0.000151	0.0000

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2069 Dec	96.1	0.0393	0.114	0.00402	41.5	0.0376	21.5	0.00097	0.00097	0.0000049	0.00396	0.000954	0.0266	0.0126	0.00000547	10.4	0.0000121	0.000411	0.000139	0.000864	0.0226	0.00000403	2.41	2.27	0.0194	0.000847	14	0.00197	0.0121	0.0001	0.000156	0.0000938	0.113	0.00000217	0.000617	0.000211	0.00105	
2070 Jan	96.1	0.0393	0.114	0.00402	41.5	0.0376	21.5	0.00097	0.00097	0.0000049	0.00396	0.000954	0.0266	0.0126	0.00000547	10.4	0.0000121	0.000411	0.000139	0.000864	0.0226	0.00000403	2.41	2.27	0.0194	0.000847	14	0.00197	0.0121	0.0001	0.000156	0.0000938	0.113	0.00000217	0.000617	0.000211	0.00105	
2070 Feb	96.1	0.0393	0.114	0.00402	41.5	0.0376	21.5	0.00097	0.00097	0.0000049	0.00396	0.000954	0.0266	0.0126	0.00000547	10.4	0.0000121	0.000411	0.000139	0.000864	0.0226	0.00000403	2.41	2.27	0.0194	0.000847	14	0.00197	0.0121	0.0001	0.000156	0.0000938	0.113	0.00000217	0.000617	0.000211	0.00105	
2070 Mar	96.2	0.0393	0.114	0.00402	41.5	0.0376	21.5	0.00097	0.00097	0.0000049	0.00396	0.000954	0.0266	0.0126	0.00000547	10.4	0.0000121	0.000411	0.000139	0.000864	0.0226	0.00000403	2.41	2.27	0.0194	0.000847	14	0.00197	0.0121	0.0001	0.000156	0.0000938	0.113	0.00000217	0.000617	0.000211	0.00105	
2070 Apr	96.2	0.0393	0.114	0.00402	41.5	0.0376	21.5	0.00097	0.00097	0.0000049	0.00396	0.000955	0.0266	0.0126	0.00000547	10.4	0.0000121	0.000411	0.000139	0.000864	0.0226	0.00000403	2.41	2.27	0.0194	0.000847	14	0.00197	0.0121	0.0001	0.000156	0.0000938	0.113	0.00000217	0.000617	0.000211	0.00105	
2070 May	96.2	0.0394	0.114	0.00403	41.5	0.0376	21.5	0.00097	0.00097	0.0000049	0.00397	0.000955	0.0266	0.0126	0.00000547	10.4	0.0000121	0.000411	0.00014	0.000864	0.0226	0.00000404	2.41	2.27	0.0195	0.000847	14	0.00197	0.0121	0.000101	0.000156	0.0000939	0.113	0.00000217	0.000618	0.000211	0.00105	
2070 Jun	96.3	0.0395	0.114	0.00403	41.5	0.0376	21.5	0.000969	0.000969	0.00000489	0.00397	0.000958	0.0266	0.0127	0.00000547	10.4	0.0000121	0.000412	0.000141	0.000865	0.0228	0.00000406	2.41	2.28	0.0197	0.000848	14	0.00198	0.0122	0.000103	0.000157	0.0000941	0.114	0.00000217	0.000618	0.000214	0.00105	
2070 Jul	96.4	0.0396	0.114	0.00403	41.5	0.0376	21.6	0.00097	0.00097	0.0000049	0.00398	0.000959	0.0267	0.0127	0.00000548	10.5	0.0000122	0.000413	0.000141	0.000866	0.0228	0.00000407	2.42	2.28	0.0197	0.00085	14	0.00198	0.0123	0.000103	0.000157	0.0000943	0.114	0.00000217	0.00062	0.000214	0.00105	
2070 Aug	96.6	0.0397	0.114	0.00404	41.6	0.0377	21.6	0.000971	0.000971	0.0000049	0.00398	0.000961	0.0267	0.0127	0.00000548	10.5	0.0000122	0.000414	0.000141	0.000867	0.0229	0.00000407	2.42	2.28	0.0198	0.000852	14.1	0.00198	0.0123	0.000103	0.000157	0.0000944	0.114	0.00000218	0.000621	0.000214	0.00105	
2070 Sep	96.6	0.0397	0.114	0.00405	41.6	0.0377	21.6	0.000971	0.000971	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000414	0.000141	0.000867	0.0229	0.00000408	2.43	2.28	0.0198	0.000854	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000622	0.000214	0.00105	
2070 Oct	96.6	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000408	2.43	2.28	0.0198	0.000854	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2070 Nov	96.7	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000409	2.43	2.28	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2070 Dec	96.7	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000409	2.43	2.28	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2071 Jan	96.7	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000409	2.43	2.28	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2071 Feb	96.7	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000409	2.43	2.28	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2071 Mar	96.7	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00398	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000409	2.43	2.28	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2071 Apr	96.7	0.0398	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00399	0.000961	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000141	0.000866	0.0229	0.00000409	2.43	2.29	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000945	0.114	0.00000217	0.000623	0.000214	0.00105	
2071 May	96.7	0.0399	0.114	0.00405	41.6	0.0377	21.7	0.00097	0.00097	0.0000049	0.00399	0.000962	0.0268	0.0127	0.00000548	10.5	0.0000122	0.000415	0.000142	0.000867	0.0229	0.00000409	2.43	2.29	0.0198	0.000855	14.1	0.00199	0.0123	0.000103	0.000158	0.0000946	0.115	0.00000217	0.000623	0.000215	0.00105	
2071 Jun	96.7	0.0399	0.115	0.00405	41.5	0.0377	21.7	0.000969	0.000969	0.00000489	0.00399	0.000963	0.0268	0.0128	0.00000547	10.5	0.0000122	0.000416	0.000142	0.000866	0.0231	0.00000411	2.43	2.29	0.02	0.000856	14	0.00199	0.0124	0.000104	0.000158	0.0000947	0.115	0.00000217	0.000624	0.000217	0.00106	
2071 Jul	96.8	0.04	0.115	0.00406	41.6	0.0377	21.7	0.000969	0.000969	0.00000489	0.00399	0.000965	0.0269	0.0128	0.00000548	10.5	0.0000122	0.000417	0.000142	0.000867	0.0231	0.00000412	2.43	2.29	0.02	0.000858	14.1	0.002	0.0124	0.000104	0.000159	0.0000948	0.115	0.00000217	0.000626	0.000217	0.00106	
2071 Aug	97	0.0401	0.115	0.00406	41.6	0.0378	21.8	0.00097	0.00097	0.0000049	0.004	0.000966	0.0269	0.0128	0.00000548	10.5	0.0000123	0.000418	0.000143	0.000868	0.0231	0.00000412	2.44	2.3	0.0201	0.00086	14.1	0.002	0.0124	0.000104	0.000159	0.000095	0.115	0.00000218	0.000627	0.000217	0.00106	
2071 Sep	97	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.00097	0.00097	0.0000049	0.004	0.000966	0.027	0.0128	0.00000548	10.5	0.0000123	0.000418	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000861	14.1	0.002	0.0124	0.000104	0.000159	0.0000951	0.115	0.00000217	0.000628	0.000217	0.00106	
2071 Oct	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000966	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.115	0.00000217	0.000629	0.000217	0.00106	
2071 Nov	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.115	0.00000217	0.000629	0.000217	0.00106	
2071 Dec	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.115	0.00000217	0.000629	0.000217	0.00106	
2072 Jan	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.115	0.00000217	0.000629	0.000217	0.00106	
2072 Feb	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.116	0.00000217	0.000629	0.000217	0.00106	
2072 Mar	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.116	0.00000217	0.000629	0.000217	0.00106	
2072 Apr	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.8	0.000969	0.000969	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.5	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000862	14.1	0.002	0.0125	0.000104	0.000159	0.0000951	0.116	0.00000217	0.000629	0.000217	0.00106	
2072 May	97.1	0.0402	0.115	0.00407	41.7	0.0378	21.9	0.00097	0.00097	0.0000049	0.004	0.000967	0.027	0.0128	0.00000548	10.6	0.0000123	0.000419	0.000143	0.000868	0.0231	0.00000413	2.44	2.3	0.0201	0.000863	14.1	0.00201	0.0125	0.000104	0.000159	0.0000952	0.116	0.00000218	0.000629	0.000217	0.00106	
2072 Jun	97.1	0.0402	0.115	0.00407	41.6	0.0378	21.9	0.000969	0.000969	0.0000049	0.00401	0.000967	0.0271	0.0128	0.00000548	10.6	0.0000123	0.000419	0.000143	0.000867	0.0231	0.00000415	2.44	2.3	0.0201	0.000863	14.1	0.00201	0.0125	0.000104	0.0001	0.0000952	0.116	0.00000217	0.00063	0.000218	0.00106	
2072 Jul	97.2	0.0403	0.116	0.00408	41.7	0.0379	21.9	0.00097	0.00097	0.0000049	0.00402	0.000968	0.0271	0.0128	0.00000549	10.6	0.0000123	0.00042	0.000143	0.000868	0.0232	0.00000416	2.45	2.3	0.0201	0.000865	14.1	0.00201	0.0126	0.000104	0.0001	0.0000953	0.116	0.00000218	0.000631	0.000218	0.00106	
2072 Aug	97.3	0.0404	0.116	0.00408	41.7	0.0379	21.9	0.00097	0.00097	0.0000049	0.00402	0.00097	0.0272	0.0128	0.00000549	10.6	0.0000123	0.000421	0.000143	0.000868	0.0232	0.00000417	2.45	2.31	0.0202	0.000867	14.1	0.00201	0.0126	0.000104	0.0001	0.0000954	0.116	0.00000218	0.000632	0.000218	0.00106	
2072 Sep	97.3	0.0404	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.0000049	0.00402	0.00097	0.0272	0.0128	0.00000549	10.6	0.0000123	0.000421	0.000143	0.000868	0.0232	0.00000418	2.45	2.31	0.0202	0.000868	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000218	0.000633	0.000218	0.00106	
2072 Oct	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000418	2.45	2.31	0.0202	0.000869	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000217	0.000634	0.000218	0.00106	
2072 Nov	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000419	2.45	2.31	0.0202	0.00087	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000217	0.000634	0.000218	0.00106	
2072 Dec	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000419	2.45	2.31	0.0202	0.00087	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000217	0.000634	0.000218	0.00106	
2073 Jan	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000419	2.45	2.31	0.0202	0.00087	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000217	0.000634	0.000218	0.00106	
2073 Feb	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000419	2.45	2.31	0.0202	0.00087	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000217	0.000634	0.000218	0.00106	
2073 Mar	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000419	2.45	2.31	0.0202	0.00087	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000217	0.000634	0.000218	0.00106	
2073 Apr	97.3	0.0405	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00402	0.00097	0.0272	0.0128	0.00000548	10.6	0.0000123	0.000422	0.000143	0.000868	0.0232	0.00000419	2.46	2.31	0.0202	0.00087	14.1	0.00202	0.0126	0.000104	0.0001	0.0000955	0.116	0.00000218	0.000634	0.000218	0.00106	
2073 May	97.4	0.0406	0.116	0.00409	41.7	0.0379	22	0.000969	0.000969	0.00000489	0.00403	0.000972	0.0272	0.0129	0.00000548	10.6	0.0000124	0.000422	0.000143	0.000869	0.0233	0.0000042	2.46	2.31	0.0203	0.000869	14.1	0.00202	0.0127	0.000105	0.000161	0.0000956	0.116	0.00000218	0.000634	0.00022	0.00106	
2073 Jun	97.4	0.0407	0.116	0.00409	41.6	0.0379	22	0.000968	0.000968	0.00000489	0.00403	0.000974	0.0272	0.0129	0.00000548	10.7	0.0000124	0.000423	0.000144	0.000869	0.0235	0.00000421	2.46	2.32	0.0205	0.00087	14.1	0.00202	0.0128	0.000107	0.000161	0.0000958	0.117	0.00000217	0.000634	0.000222	0.00106	
2073 Jul	97.6	0.0408	0.116	0.00409	41.7	0.038	22.1	0.000969	0.000969	0.00000489	0.00404	0.000975	0.0273	0.013	0.00000548	10.7	0.0000124	0.000424	0.000145	0.00087	0.0235	0.00000422	2.46	2.32	0.0206	0.000872	14.1	0.00203	0.0128	0.000107	0.000161	0.0000959	0.117	0.00000218	0.000636	0.000222	0.00106	
2073 Aug	97.7	0.0409	0.117	0.0041	41.7	0.038	22.1	0.000969	0.000969	0.0000049	0.00404	0.000976	0.0274	0.013	0.00000549	10.7	0.0000124	0.000425	0.000145	0.000871	0.0235	0.00000423	2.47	2.33	0.0206	0.000874	14.1	0.00203	0.0128	0.000107	0.000162	0.0000961	0.117	0.00000218	0.000638	0.000223	0.00107	
2073 Sep	97.8	0.0409	0.117	0.00411	41.8	0.038	22.1	0.000969	0.000969	0.0000049	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000425	0.000145	0.000871	0.0235	0.00000423	2.47	2.33	0.0206	0.000876	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000223	0.00107	
2073 Oct	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000969	0.000969	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087	0.0235	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000223	0.00107	
2073 Nov	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000968	0.000968	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087	0.0235	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000223	0.00106	
2073 Dec	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000968	0.000968	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087	0.0235	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000223	0.00106	
2074 Jan	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000968	0.000968	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087	0.0235	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000223	0.00106	
2074 Feb	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000968	0.000968	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087	0.0235	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.000639	0.000223	0.00106	
2074 Mar	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000968	0.000968	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.00087	0.0235	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.00064	0.000223	0.00107	
2074 Apr	97.8	0.041	0.117	0.00411	41.7	0.038	22.2	0.000969	0.000969	0.00000489	0.00404	0.000977	0.0274	0.013	0.00000549	10.7	0.0000124	0.000426	0.000145	0.000871	0.0236	0.00000424	2.47	2.33	0.0206	0.000877	14.1	0.00203	0.0128	0.000107	0.000162	0.0000962	0.117	0.00000218	0.00064	0.000223	0.00107	
2074 May	97.8	0.0411	0.117	0.00411	41.7	0.038	22.2	0.000969	0.000969	0.00000489	0.00405	0.000979	0.0274	0.013	0.00000549	10.7	0.0000125	0.000426	0.000146	0.000871	0.0237	0.00000425	2.47	2.34	0.0208	0.000877	14.1	0.00204	0.0129	0.000109	0.000162	0.0000964	0.118	0.00000218	0.000639	0.000225	0.00107	
2074 Jun	97.9	0.0413	0.117	0.0041	41.7	0.038	22.2	0.000967	0.000967	0.00000488	0.00405	0.000982	0.0274	0.0131	0.00000548	10.8	0.0000125	0.000428	0.000148	0.000872	0.024	0.00000428	2.48	2.35	0.0211	0.000877	14.1	0.00204	0.0131	0.000112	0.000163	0.0000966	0.118	0.00000217	0.00064	0.000229	0.00107	
2074 Jul	98.1	0.0413

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2077 Jun	99.1	0.0423	0.119	0.00417	41.9	0.0383	22.7	0.000968	0.000968	0.00000489	0.00412	0.000999	0.0281	0.0134	0.0000055	11	0.0000128	0.000439	0.000151	0.000877	0.0247	0.00000443	2.52	2.39	0.022	0.000898	14.1	0.00209	0.0136	0.000116	0.000168	0.0000984	0.121	0.00000218	0.000656	0.000238	0.00108	
2077 Jul	99.3	0.0424	0.119	0.00418	42	0.0383	22.7	0.000969	0.000969	0.0000049	0.00413	0.001	0.0281	0.0134	0.00000551	11	0.0000128	0.00044	0.000151	0.000878	0.0247	0.00000443	2.53	2.39	0.022	0.0009	14.1	0.00209	0.0136	0.000116	0.000168	0.0000985	0.121	0.00000218	0.000657	0.000238	0.00108	
2077 Aug	99.5	0.0425	0.12	0.00419	42	0.0384	22.8	0.00097	0.00097	0.0000049	0.00413	0.001	0.0282	0.0135	0.00000551	11	0.0000128	0.00044	0.000152	0.000879	0.0248	0.00000444	2.53	2.4	0.022	0.000902	14.2	0.00209	0.0136	0.000117	0.000168	0.0000987	0.121	0.00000219	0.000659	0.000238	0.00109	
2077 Sep	99.5	0.0425	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0282	0.0134	0.00000551	11	0.0000129	0.000441	0.000151	0.000879	0.0248	0.00000445	2.53	2.4	0.022	0.000904	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00108	
2077 Oct	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000151	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00108	
2077 Nov	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000151	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00108	
2077 Dec	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000152	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00108	
2078 Jan	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000152	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00109	
2078 Feb	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000152	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00109	
2078 Mar	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000152	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.121	0.00000219	0.00066	0.000238	0.00109	
2078 Apr	99.5	0.0426	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00413	0.001	0.0283	0.0135	0.00000551	11	0.0000129	0.000441	0.000152	0.000879	0.0248	0.00000445	2.54	2.4	0.022	0.000905	14.2	0.0021	0.0136	0.000116	0.000169	0.0000988	0.122	0.00000219	0.000661	0.000238	0.00109	
2078 May	99.6	0.0427	0.12	0.00419	42	0.0384	22.8	0.000969	0.000969	0.0000049	0.00414	0.001	0.0283	0.0135	0.00000551	11.1	0.0000129	0.000442	0.000152	0.00088	0.0249	0.00000447	2.54	2.41	0.0222	0.000904	14.2	0.0021	0.0137	0.000118	0.000169	0.0000989	0.122	0.00000219	0.00066	0.00024	0.00109	
2078 Jun	99.6	0.0428	0.12	0.00419	42	0.0384	22.8	0.000967	0.000967	0.0000049	0.00414	0.00101	0.0283	0.0136	0.0000055	11.1	0.0000129	0.000443	0.000153	0.00088	0.0251	0.00000448	2.54	2.41	0.0224	0.000906	14.1	0.0021	0.0138	0.00012	0.000169	0.0000991	0.122	0.00000218	0.000661	0.000243	0.00109	
2078 Jul	99.8	0.0429	0.12	0.0042	42	0.0384	22.9	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0284	0.0136	0.00000551	11.2	0.0000129	0.000444	0.000154	0.000881	0.0252	0.00000449	2.55	2.42	0.0225	0.000908	14.2	0.00211	0.0138	0.00012	0.00017	0.0000993	0.122	0.00000219	0.000663	0.000243	0.00109	
2078 Aug	99.9	0.043	0.12	0.00421	42.1	0.0385	22.9	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0284	0.0136	0.00000552	11.2	0.0000129	0.000445	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.00091	14.2	0.00211	0.0138	0.00012	0.00017	0.0000994	0.123	0.00000219	0.000664	0.000243	0.00109	
2078 Sep	100	0.043	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000445	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000911	14.2	0.00211	0.0138	0.00012	0.00017	0.0000995	0.123	0.00000219	0.000665	0.000243	0.00109	
2078 Oct	100	0.043	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2078 Nov	100	0.0431	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00415	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2078 Dec	100	0.0431	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2079 Jan	100	0.0431	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2079 Feb	100	0.0431	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2079 Mar	100	0.0431	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2079 Apr	100	0.0431	0.121	0.00421	42.1	0.0385	23	0.000969	0.000969	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.55	2.42	0.0225	0.000912	14.2	0.00212	0.0138	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2079 May	100	0.0431	0.121	0.00421	42.1	0.0386	23	0.00097	0.00097	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000552	11.2	0.00013	0.000446	0.000154	0.000882	0.0252	0.0000045	2.56	2.42	0.0225	0.000913	14.2	0.00212	0.0139	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000243	0.00109	
2079 Jun	100	0.0431	0.121	0.00421	42	0.0385	23	0.000968	0.000968	0.0000049	0.00416	0.00101	0.0285	0.0136	0.00000551	11.2	0.00013	0.000446	0.000154	0.000881	0.0253	0.00000453	2.55	2.42	0.0226	0.000912	14.2	0.00212	0.014	0.00012	0.00017	0.0000996	0.123	0.00000219	0.000666	0.000245	0.00109	
2079 Jul	100	0.0431	0.121	0.00422	42.1	0.0385	23	0.000968	0.000968	0.0000049	0.00417	0.00101	0.0286	0.0136	0.00000551	11.2	0.00013	0.000447	0.000154	0.000881	0.0253	0.00000454	2.56	2.43	0.0226	0.000915	14.2	0.00212	0.014	0.00012	0.00017	0.0000997	0.123	0.00000219	0.000668	0.000245	0.00109	
2079 Aug	100	0.0432	0.121	0.00423	42.1	0.0386	23.1	0.000969	0.000969	0.0000049	0.00417	0.00101	0.0286	0.0137	0.00000552	11.2	0.00013	0.000448	0.000154	0.000882	0.0253	0.00000455	2.56	2.43	0.0227	0.000916	14.2	0.00213	0.014	0.00012	0.000172	0.0000999	0.123	0.00000219	0.000669	0.000245	0.00109	
2079 Sep	100	0.0433	0.121	0.00423	42.1	0.0386	23.1	0.000969	0.000969	0.0000049	0.00417	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000455	2.57	2.43	0.0227	0.000918	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2079 Oct	100	0.0433	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2079 Nov	100	0.0433	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2079 Dec	100	0.0434	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2080 Jan	100	0.0434	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2080 Feb	100	0.0434	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2080 Mar	100	0.0434	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.123	0.00000219	0.000671	0.000245	0.00109	
2080 Apr	100	0.0434	0.121	0.00423	42.1	0.0386	23.1	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000671	0.000245	0.00109	
2080 May	100	0.0434	0.121	0.00423	42.1	0.0386	23.1	0.000969	0.000969	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000456	2.57	2.43	0.0227	0.000919	14.2	0.00213	0.014	0.00012	0.000172	0.0001	0.124	0.00000219	0.000671	0.000246	0.00109	
2080 Jun	100	0.0434	0.121	0.00423	42.1	0.0386	23.2	0.000968	0.000968	0.0000049	0.00418	0.00101	0.0287	0.0137	0.00000552	11.2	0.0000131	0.000449	0.000154	0.000882	0.0253	0.00000457	2.57	2.43	0.0227	0.00092	14.2	0.00213	0.0141	0.00012	0.000172	0.0001	0.124	0.00000219	0.000672	0.000246	0.0011	
2080 Jul	100	0.0434	0.122	0.00424	42.1	0.0387	23.2	0.000968	0.000968	0.0000049	0.00419	0.00101	0.0288	0.0137	0.00000552	11.2	0.0000131	0.00045	0.000154	0.000882	0.0254	0.00000458	2.57	2.44	0.0227	0.000922	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000674	0.000246	0.0011	
2080 Aug	101	0.0435	0.122	0.00425	42.2	0.0387	23.3	0.000969	0.000969	0.0000049	0.00419	0.00102	0.0288	0.0137	0.00000552	11.2	0.0000131	0.000451	0.000155	0.000883	0.0254	0.00000459	2.58	2.44	0.0228	0.000924	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000675	0.000246	0.0011	
2080 Sep	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000925	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000676	0.000246	0.0011	
2080 Oct	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2080 Nov	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2080 Dec	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2081 Jan	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2081 Feb	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2081 Mar	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.00419	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2081 Apr	101	0.0436	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.0042	0.00102	0.0289	0.0137	0.00000552	11.2	0.0000131	0.000452	0.000155	0.000883	0.0254	0.0000046	2.58	2.44	0.0228	0.000926	14.2	0.00214	0.0141	0.00012	0.000173	0.0001	0.124	0.00000219	0.000677	0.000246	0.0011	
2081 May	101	0.0437	0.122	0.00425	42.2	0.0387	23.3	0.000968	0.000968	0.0000049	0.0042	0.00102	0.0289	0.0137	0.00000552	11.3	0.0000132	0.000453	0.000155	0.000883	0.0255	0.00000461	2.58	2.45	0.0229	0.000926	14.2	0.00214	0.0142	0.000121	0.000173	0.000101	0.124	0.00000219	0.000677	0.000248	0.0011	
2081 Jun	101	0.0438	0.122	0.00426	42.2	0.0387	23.3	0.000967	0.000967	0.0000049	0.0042	0.00102	0.0289	0.0138	0.00000552	11.3	0.0000132	0.000453	0.000156	0.000883	0.0256	0.00000462	2.58	2.45	0.023	0.000928	14.2	0.00215	0.0142	0.000122	0.000174	0.000101	0.125	0.00000219	0.000678	0.000249	0.0011	
2081 Jul	101	0.0438	0.123	0.00426	42.2	0.0388	23.4	0.000969	0.000969	0.0000049	0.00421	0.00102	0.029	0.0138	0.00000553	11.3	0.0000132	0.000454	0.000156	0.000885	0.0256	0.00000463	2.59	2.45	0.0231	0.000929	14.2	0.00215	0.0143	0.000122	0.000174	0.000101	0.125	0.00000219	0.000679	0.00025	0.0011	
2081 Aug	101	0.0439	0.123	0.00427	42.3	0.0388	23.4	0.00097	0.00097	0.0000049	0.00421	0.00102	0.0291	0.0138	0.00000554	11.3	0.0000132	0.000455	0.000156	0.000886	0.0257	0.00000464	2.59	2.46	0.0231	0.000931	14.2	0.00216	0.0143	0.000123	0.000175	0.000101	0.125	0.0000022	0.000681	0.00025	0.0011	
2081 Sep	101	0.044	0.123	0.00428	42.3	0.0389	23.5	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0291	0.0138	0.00000554	11.3	0.0000132	0.000456	0.000156	0.000886	0.0257	0.00000464	2.6	2.46	0.0231	0.000933	14.2	0.00216	0.0143	0.000123	0.000175	0.000101	0.125	0.0000022	0.000682	0.00025	0.0011	
2081 Oct	101	0.044	0.123	0.00428	42.3	0.0389	23.5	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0291	0.0138	0.00000554	11.3	0.0000132	0.000456	0.000156	0.000886	0.0257	0.00000465	2.6	2.46	0.0231	0.000934	14.2	0.00216	0.0143	0.000123	0.000175	0.000101	0.125	0.0000022	0.000682	0.00025	0.0011	
2081 Nov	101	0.044	0.123	0.00428	42.3	0.0389	23.5	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0291	0.0138	0.00000554	11.3	0.0000132	0.000456	0.000156	0.000886	0.0257	0.00000465	2.6	2.46	0.0231	0.000934	14.2	0.00216	0.0143	0.000122	0.000175	0.000101	0.125	0.0000022	0.000683	0.00025	0.0011	
2081 Dec	101	0.044	0.123	0.00428	42.3	0.0389	23.5	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0291	0.0138	0.00000554	11.3	0.0000132	0.000456	0.000156	0.000886	0.0257	0.00000465	2.6	2.46	0.0231	0.000934	14.2	0.00216	0.0143	0.000122	0.000175	0.000101	0.125	0.0000022	0.000683	0.00025	0.0011	
2082 Jan	101	0.044	0.123	0.00428	42.3	0.0389	23.5	0.00097	0.00097	0.0000049	0.00422	0.00102	0.0291	0.0138	0.00000554	11.3	0.0000132	0.000456	0.000156	0.000886	0.0

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2084 Dec	102	0.0451	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889	0.0264	0.0000048	2.64	2.5	0.024	0.000954	14.3	0.0022	0.0149	0.000127	0.000179	0.000103	0.128	0.0000022	0.000698	0.000259	0.00111	
2085 Jan	102	0.0451	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889	0.0264	0.0000048	2.64	2.5	0.024	0.000954	14.3	0.0022	0.0149	0.000127	0.000179	0.000103	0.128	0.0000022	0.000698	0.000259	0.00111	
2085 Feb	102	0.0451	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889	0.0264	0.0000048	2.64	2.5	0.024	0.000954	14.3	0.0022	0.0149	0.000127	0.000179	0.000103	0.128	0.0000022	0.000698	0.000259	0.00111	
2085 Mar	102	0.0451	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889	0.0264	0.0000048	2.64	2.5	0.024	0.000954	14.3	0.0022	0.0149	0.000127	0.000179	0.000103	0.128	0.0000022	0.000698	0.000259	0.00111	
2085 Apr	102	0.0451	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889	0.0264	0.0000048	2.64	2.5	0.024	0.000955	14.3	0.0022	0.0149	0.000127	0.000179	0.000103	0.128	0.0000022	0.000698	0.000259	0.00111	
2085 May	102	0.0452	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0297	0.0141	0.00000554	11.5	0.0000135	0.000467	0.00016	0.000889	0.0265	0.0000048	2.64	2.51	0.024	0.000955	14.3	0.00221	0.0149	0.000128	0.00018	0.000103	0.128	0.0000022	0.000698	0.00026	0.00112	
2085 Jun	102	0.0453	0.125	0.00434	42.4	0.0391	24	0.000967	0.000967	0.00000489	0.00428	0.00104	0.0298	0.0141	0.00000554	11.6	0.0000136	0.000468	0.000161	0.00089	0.0265	0.0000048	2.65	2.51	0.0242	0.000956	14.3	0.00221	0.0149	0.000129	0.00018	0.000103	0.128	0.0000022	0.000699	0.000261	0.00112	
2085 Jul	103	0.0453	0.126	0.00435	42.5	0.0392	24	0.000968	0.000968	0.00000489	0.00429	0.00104	0.0298	0.0142	0.00000555	11.6	0.0000136	0.000469	0.000161	0.000891	0.0266	0.0000048	2.65	2.51	0.0242	0.000958	14.3	0.00221	0.015	0.000129	0.00018	0.000103	0.129	0.0000022	0.000701	0.000262	0.00112	
2085 Aug	103	0.0454	0.126	0.00436	42.5	0.0392	24.1	0.000968	0.000968	0.0000049	0.00429	0.00104	0.0299	0.0142	0.00000555	11.6	0.0000136	0.00047	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000961	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000703	0.000262	0.00112	
2085 Sep	103	0.0455	0.126	0.00436	42.6	0.0393	24.1	0.000968	0.000968	0.00000489	0.00429	0.00104	0.0299	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000962	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2085 Oct	103	0.0455	0.126	0.00436	42.6	0.0393	24.1	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2085 Nov	103	0.0456	0.126	0.00436	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2085 Dec	103	0.0456	0.126	0.00436	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2086 Jan	103	0.0456	0.126	0.00436	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2086 Feb	103	0.0456	0.126	0.00436	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2086 Mar	103	0.0456	0.126	0.00436	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000704	0.000262	0.00112	
2086 Apr	103	0.0456	0.126	0.00436	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00429	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0242	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000705	0.000262	0.00112	
2086 May	103	0.0456	0.126	0.00436	42.6	0.0393	24.2	0.000967	0.000967	0.00000489	0.0043	0.00104	0.03	0.0142	0.00000555	11.6	0.0000136	0.000471	0.000161	0.000891	0.0266	0.0000048	2.66	2.52	0.0243	0.000963	14.3	0.00222	0.015	0.000129	0.000181	0.000103	0.129	0.0000022	0.000705	0.000262	0.00112	
2086 Jun	103	0.0456	0.126	0.00436	42.5	0.0392	24.2	0.000966	0.000966	0.00000488	0.0043	0.00105	0.03	0.0142	0.00000554	11.6	0.0000136	0.000472	0.000162	0.000891	0.0268	0.0000048	2.66	2.52	0.0244	0.000963	14.3	0.00222	0.0151	0.00013	0.000181	0.000104	0.129	0.0000022	0.000705	0.000264	0.00112	
2086 Jul	103	0.0457	0.126	0.00437	42.5	0.0393	24.2	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0301	0.0142	0.00000555	11.6	0.0000137	0.000473	0.000162	0.000892	0.0268	0.0000048	2.67	2.53	0.0245	0.000966	14.3	0.00223	0.0151	0.00013	0.000182	0.000104	0.13	0.0000022	0.000707	0.000265	0.00112	
2086 Aug	103	0.0458	0.127	0.00438	42.6	0.0393	24.3	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0301	0.0143	0.00000555	11.7	0.0000137	0.000474	0.000162	0.000892	0.0268	0.0000048	2.67	2.53	0.0245	0.000968	14.3	0.00223	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.000708	0.000265	0.00112	
2086 Sep	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000474	0.000162	0.000892	0.0268	0.0000049	2.67	2.53	0.0245	0.000969	14.3	0.00224	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.000709	0.000265	0.00112	
2086 Oct	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000892	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2086 Nov	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2086 Dec	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00431	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2087 Jan	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2087 Feb	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000182	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2087 Mar	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2087 Apr	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000162	0.000893	0.0268	0.0000049	2.67	2.53	0.0245	0.00097	14.3	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.00071	0.000265	0.00112	
2087 May	103	0.0459	0.127	0.00438	42.6	0.0394	24.3	0.000967	0.000967	0.00000489	0.00432	0.00105	0.0302	0.0143	0.00000555	11.7	0.0000137	0.000475	0.000163	0.000893	0.0269	0.0000049	2.68	2.54	0.0246	0.00097	14.3	0.00224	0.0152	0.00013	0.000183	0.000104	0.13	0.0000022	0.00071	0.000266	0.00112	
2087 Jun	103	0.0461	0.127	0.00438	42.6	0.0393	24.3	0.000966	0.000966	0.00000489	0.00432	0.00105	0.0302	0.0144	0.00000555	11.7	0.0000137	0.000476	0.000164	0.000894	0.0271	0.0000049	2.68	2.54	0.0248	0.00097	14.3	0.00224	0.0153	0.00013	0.000183	0.000104	0.13	0.0000022	0.00071	0.000268	0.00112	
2087 Jul	103	0.0461	0.127	0.00439	42.6	0.0394	24.4	0.000967	0.000967	0.00000489	0.00433	0.00105	0.0303	0.0144	0.00000555	11.7	0.0000138	0.000477	0.000164	0.000894	0.0271	0.0000049	2.68	2.55	0.0249	0.00097	14.3	0.00224	0.0153	0.00013	0.000183	0.000104	0.131	0.0000022	0.00071	0.000269	0.00113	
2087 Aug	104	0.0462	0.127	0.0044	42.7	0.0394	24.4	0.000968	0.000968	0.0000049	0.00433	0.00106	0.0303	0.0144	0.00000556	11.8	0.0000138	0.000477	0.000164	0.000895	0.0272	0.0000049	2.69	2.55	0.0249	0.000974	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2087 Sep	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00433	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.55	0.0249	0.000976	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2087 Oct	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.55	0.0249	0.000976	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2087 Nov	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.0249	0.000977	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2087 Dec	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.0249	0.000977	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2088 Jan	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.0249	0.000977	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2088 Feb	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.0249	0.000977	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2088 Mar	104	0.0463	0.128	0.0044	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000478	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.0249	0.000977	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2088 Apr	104	0.0463	0.128	0.00441	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000479	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.0249	0.000977	14.3	0.00225	0.0153	0.00013	0.000184	0.000105	0.131	0.0000022	0.00071	0.000269	0.00113	
2088 May	104	0.0463	0.128	0.00441	42.8	0.0395	24.5	0.000969	0.000969	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000557	11.8	0.0000138	0.000479	0.000165	0.000897	0.0272	0.0000049	2.69	2.56	0.025	0.000977	14.4	0.00225	0.0154	0.00013	0.000184	0.000105	0.131	0.00000221	0.00071	0.000269	0.00113	
2088 Jun	104	0.0463	0.128	0.00441	42.7	0.0395	24.5	0.000968	0.000968	0.0000049	0.00434	0.00106	0.0304	0.0144	0.00000556	11.8	0.0000138	0.000479	0.000164	0.000896	0.0272	0.0000049	2.69	2.56	0.025	0.000978	14.3	0.00226	0.0154	0.00013	0.000185	0.000105	0.131	0.0000022	0.000716	0.00027	0.00113	
2088 Jul	104	0.0464	0.128	0.00441	42.8	0.0395	24.5	0.000969	0.000969	0.0000049	0.00435	0.00106	0.0305	0.0144	0.00000557	11.8	0.0000139	0.00048	0.000165	0.000897	0.0272	0.0000049	2.7	2.56	0.025	0.00098	14.3	0.00226	0.0154	0.00013	0.000185	0.000105	0.131	0.00000221	0.000717	0.00027	0.00113	
2088 Aug	104	0.0465	0.128	0.00442	42.8	0.0396	24.6	0.000971	0.000971	0.00000491	0.00436	0.00106	0.0305	0.0145	0.00000558	11.8	0.0000139	0.000481	0.000165	0.000898	0.0273	0.0000049	2.7	2.56	0.025	0.000982	14.4	0.00226	0.0155	0.00013	0.000185	0.000105	0.132	0.00000221	0.000719	0.000271	0.00113	
2088 Sep	104	0.0465	0.128	0.00443	42.9	0.0396	24.6	0.000971	0.000971	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000899	0.0273	0.0000049	2.71	2.57	0.0251	0.000983	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2088 Oct	104	0.0466	0.129	0.00443	42.9	0.0396	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2088 Nov	104	0.0466	0.129	0.00443	42.8	0.0396	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2088 Dec	104	0.0466	0.129	0.00443	42.8	0.0396	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2089 Jan	104	0.0466	0.129	0.00443	42.8	0.0396	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2089 Feb	104	0.0466	0.129	0.00443	42.8	0.0396	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2089 Mar	104	0.0466	0.129	0.00443	42.8	0.0396	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2089 Apr	104	0.0466	0.129	0.00443	42.9	0.0397	24.6	0.00097	0.00097	0.00000491	0.00436	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000898	0.0273	0.0000049	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000271	0.00113	
2089 May	104	0.0467	0.129	0.00443	42.9	0.0397	24.7	0.00097	0.00097	0.00000491	0.00437	0.00106	0.0306	0.0145	0.00000558	11.8	0.0000139	0.000482	0.000165	0.000899	0.0274	0.000005	2.71	2.57	0.0251	0.000984	14.4	0.00227	0.0155	0.00013	0.000186	0.000105	0.132	0.00000221	0.00072	0.000272	0.00113	
2089 Jun	104	0.0468	0.129	0.00443	42.8	0.0396	24.7	0.00097	0.00097	0.00000491	0.00437	0.00107	0.0306	0.0146	0.00000558	11.9	0.0000139	0.000483	0.000166	0.000899	0.0276	0.00000501	2.71	2.58	0.0254	0.000985	14.4	0.00227	0.0156	0.00013	0.000186	0.000106	0.132	0.00000221	0.00072	0.000274	0.00114	
2089 Jul	104	0.0469	0.129	0.00444	42.9	0.0397	24.7	0.00097	0.00097	0.00000491	0.00438	0.00107	0.0307	0.0146	0.00000558	11.9	0.0000141	0.

Appendix D.2-32: DISC01

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Operation (2026-2036): Min	2.21	0.00196	0.000589	0.0000153	0.56	0.000306	0.191	0.0000153	0.0000153	7.66E-08	0.0000903	0.0000429	0.000106	0.00111	7.66E-08	0.88	0.000000306	0.0000107	0.0000184	0.0000291	0.00291	0.000000153	0.0511	0.124	0.00314	0.00000452	0.192	0.0000398	0.00107	0.0000146	0.00000352	0.00000199	0.00476	3.06E-08	0.00000153	0.0000322	0.0000237	
Operation (2026-2036): Mean	1190	0.474	1.74	0.0497	707	0.15	198	0.000498	0.000498	0.00000301	0.01	0.0119	0.241	0.0399	0.00000922	28	0.0000607	0.00354	0.000394	0.00156	0.0366	0.0000251	16.7	11.7	0.116	0.00827	212	0.0155	0.0266	0.000147	0.00124	0.000561	0.836	0.0000035	0.00646	0.000719	0.00198	
Operation (2026-2036): Max	2360	0.939	3.59	0.102	1450	0.255	358	0.000679	0.000679	0.00000377	0.0129	0.137	0.432	0.0582	0.0000132	39	0.0000963	0.00627	0.000574	0.00223	0.0663	0.0000385	29.6	19.8	0.186	0.0149	436	0.0275	0.0365	0.000471	0.00214	0.000979	1.46	0.00000493	0.0117	0.00104	0.00232	
2092 Jun	105	0.048	0.13	0.00447	42.9	0.0399	25.1	0.000967	0.000967	0.00000489	0.00443	0.00108	0.0312	0.0149	0.00000557	12.1	0.0000142	0.000493	0.000171	0.000903	0.0285	0.00000518	2.75	2.62	0.0264	0.001	14.4	0.00231	0.0163	0.000142	0.00019	0.000107	0.135	0.00000221	0.000734	0.000284	0.00115	
2092 Jul	105	0.0481	0.131	0.00448	42.9	0.0399	25.1	0.000967	0.000967	0.00000489	0.00443	0.00108	0.0312	0.0149	0.00000558	12.1	0.0000142	0.000494	0.000171	0.000904	0.0285	0.00000518	2.75	2.63	0.0264	0.00101	14.4	0.00232	0.0163	0.000142	0.00019	0.000107	0.135	0.00000221	0.000736	0.000285	0.00115	
2092 Aug	105	0.0482	0.131	0.00449	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00108	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000495	0.000171	0.000905	0.0285	0.00000519	2.76	2.63	0.0264	0.00101	14.4	0.00232	0.0163	0.000143	0.00019	0.000107	0.136	0.00000221	0.000738	0.000285	0.00115	
2092 Sep	105	0.0482	0.131	0.00449	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00108	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00232	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2092 Oct	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00108	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00232	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2092 Nov	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2092 Dec	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2093 Jan	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2093 Feb	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2093 Mar	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0313	0.0149	0.00000558	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2093 Apr	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000142	0.000496	0.000171	0.000905	0.0285	0.0000052	2.76	2.63	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.000739	0.000285	0.00115	
2093 May	106	0.0483	0.131	0.0045	43	0.04	25.2	0.000968	0.000968	0.0000049	0.00444	0.00109	0.0314	0.0149	0.00000559	12.2	0.0000142	0.000496	0.000172	0.000906	0.0286	0.00000521	2.77	2.64	0.0265	0.00101	14.4	0.00233	0.0163	0.000143	0.00019	0.000108	0.136	0.00000221	0.00074	0.000286	0.00115	
2093 Jun	106	0.0484	0.131	0.0045	43	0.04	25.2	0.000967	0.000967	0.00000489	0.00445	0.00109	0.0314	0.015	0.00000558	12.2	0.0000143	0.000497	0.000173	0.000906	0.0287	0.00000522	2.77	2.64	0.0267	0.00101	14.4	0.00233	0.0164	0.000145	0.00019	0.000108	0.136	0.00000221	0.00074	0.000288	0.00115	
2093 Jul	106	0.0485	0.131	0.00451	43	0.04	25.3	0.000968	0.000968	0.0000049	0.00445	0.00109	0.0314	0.015	0.00000559	12.2	0.0000143	0.000498	0.000173	0.000907	0.0288	0.00000523	2.77	2.65	0.0268	0.00101	14.4	0.00233	0.0164	0.000145	0.00019	0.000108	0.136	0.00000221	0.000741	0.000288	0.00115	
2093 Aug	106	0.0486	0.132	0.00451	43.1	0.0401	25.3	0.000969	0.000969	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.000499	0.000173	0.000908	0.0288	0.00000524	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000222	0.000743	0.000289	0.00115	
2093 Sep	106	0.0486	0.132	0.00452	43.1	0.0401	25.4	0.000969	0.000969	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000908	0.0288	0.00000524	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000222	0.000744	0.000289	0.00115	
2093 Oct	106	0.0487	0.132	0.00452	43.1	0.0401	25.4	0.000968	0.000968	0.0000049	0.00446	0.00109	0.0316	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000524	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000745	0.000288	0.00115	
2093 Nov	106	0.0487	0.132	0.00452	43.1	0.0401	25.4	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000745	0.000288	0.00115	
2093 Dec	106	0.0487	0.132	0.00452	43.1	0.0401	25.4	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000744	0.000288	0.00115	
2094 Jan	106	0.0487	0.132	0.00452	43.1	0.0401	25.4	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000744	0.000288	0.00115	
2094 Feb	106	0.0487	0.132	0.00452	43.1	0.0401	25.4	0.000967	0.000967	0.0000049	0.00446	0.00109	0.0315	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000744	0.000288	0.00115	
2094 Mar	106	0.0487	0.132	0.00452	43.1	0.0401	25.4	0.000968	0.000968	0.0000049	0.00446	0.00109	0.0316	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000745	0.000288	0.00115	
2094 Apr	106	0.0488	0.132	0.00452	43.1	0.0401	25.4	0.000968	0.000968	0.0000049	0.00446	0.00109	0.0316	0.015	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000907	0.0288	0.00000525	2.78	2.65	0.0268	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000745	0.000288	0.00115	
2094 May	106	0.0488	0.132	0.00452	43.1	0.0401	25.4	0.000968	0.000968	0.0000049	0.00446	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000143	0.0005	0.000173	0.000908	0.0289	0.00000525	2.78	2.65	0.0269	0.00102	14.4	0.00234	0.0165	0.000145	0.00019	0.000108	0.137	0.00000221	0.000745	0.000289	0.00115	
2094 Jun	106	0.0489	0.132	0.00452	43.1	0.0401	25.4	0.000967	0.000967	0.0000049	0.00447	0.00109	0.0316	0.0151	0.00000559	12.3	0.0000144	0.000501	0.000174	0.000908	0.029	0.00000527	2.78	2.66	0.0271	0.00102	14.4	0.00234	0.0166	0.000147	0.00019	0.000108	0.137	0.00000221	0.000745	0.000291	0.00115	
2094 Jul	106	0.049	0.132	0.00453	43.1	0.0402	25.5	0.000969	0.000969	0.0000049	0.00448	0.0011	0.0317	0.0152	0.0000056	12.3	0.0000144	0.000502	0.000175	0.00091	0.0291	0.00000528	2.79	2.67	0.0271	0.00102	14.4	0.00235	0.0166	0.000147	0.00019	0.000109	0.138	0.00000222	0.000747	0.000292	0.00116	
2094 Aug	106	0.0491	0.133	0.00454	43.2	0.0403	25.5	0.00097	0.00097	0.0000049	0.00448	0.0011	0.0317	0.0152	0.00000561	12.4	0.0000144	0.000503	0.000175	0.000911	0.0291	0.00000529	2.79	2.67	0.0272	0.00102	14.5	0.00235	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.000749	0.000292	0.00116	
2094 Sep	107	0.0492	0.133	0.00454	43.3	0.0403	25.6	0.00097	0.00097	0.0000049	0.00449	0.0011	0.0318	0.0152	0.00000561	12.4	0.0000144	0.000504	0.000175	0.000912	0.0291	0.0000053	2.8	2.67	0.0272	0.00102	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2094 Oct	107	0.0492	0.133	0.00454	43.2	0.0403	25.6	0.00097	0.00097	0.0000049	0.00449	0.0011	0.0318	0.0152	0.00000561	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2094 Nov	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2094 Dec	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2095 Jan	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2095 Feb	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2095 Mar	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2095 Apr	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0291	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000292	0.00116	
2095 May	107	0.0493	0.133	0.00454	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.0000056	12.4	0.0000144	0.000504	0.000175	0.000911	0.0292	0.0000053	2.8	2.67	0.0272	0.00103	14.5	0.00236	0.0167	0.000147	0.00019	0.000109	0.138	0.00000222	0.00075	0.000293	0.00116	
2095 Jun	107	0.0494	0.133	0.00455	43.2	0.0403	25.6	0.000969	0.000969	0.0000049	0.00449	0.0011	0.0318	0.0152	0.00000561	12.4	0.0000145	0.000505	0.000176	0.000912	0.0292	0.0000053	2.8	2.68	0.0273	0.00103	14.5	0.00236	0.0168	0.000148	0.00019	0.000109	0.138	0.00000222	0.00075	0.000294	0.00116	
2095 Jul	107	0.0495	0.133	0.00456	43.3	0.0404	25.7	0.000971	0.000971	0.0000049	0.0045	0.0011	0.0319	0.0153	0.00000561	12.4	0.0000145	0.000506	0.000176	0.000913	0.0293	0.0000053	2.81	2.68	0.0274	0.00103	14.5	0.00237	0.0168	0.000148	0.00019	0.000109	0.139	0.00000222	0.00075	0.000294	0.00116	
2095 Aug	107	0.0496	0.134	0.00457	43.4	0.0404	25.7	0.000971	0.000971	0.0000049	0.0045	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000507	0.000176	0.000914	0.0293	0.0000053	2.81	2.69	0.0274	0.00103	14.5	0.00237	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2095 Sep	107	0.0496	0.134	0.00457	43.4	0.0404	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00237	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2095 Oct	107	0.0496	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2095 Nov	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2095 Dec	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2096 Jan	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2096 Feb	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2096 Mar	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2096 Apr	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.0011	0.032	0.0153	0.00000562	12.4	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0274	0.00103	14.5	0.00238	0.0168	0.000148	0.00019	0.00011	0.139	0.00000222	0.00075	0.000294	0.00116	
2096 May	107	0.0497	0.134	0.00457	43.4	0.0405	25.8	0.000971	0.000971	0.0000049	0.00451	0.00111	0.032	0.0153	0.00000562	12.5	0.0000145	0.000508	0.000176	0.000914	0.0293	0.0000053	2.82	2.69	0.0275	0.00103	14.5	0.00238	0.0168	0.000149	0.00019	0.00011	0.139	0.00000222	0.00075	0.000295	0.00116	
2096 Jun	107	0.0497	0.134	0.00457	43.3	0.0404	25.8	0.000969	0.000969	0.0000049	0.00451	0.00111	0.032	0.0153	0.00000561	12.5	0.0000145	0.000509	0.000177	0.000913	0.0294	0.0000053	2.82	2.69	0.0275	0.00103	14.5	0.00238	0.0169	0.000149	0.00019	0.00011	0.139	0.00000222	0.00075	0.000296	0.00116	
2096 Jul	107	0.0498	0.134	0.00458	43.3	0.0404	25.8	0.00097	0.00097	0.0000049	0.00452	0.00111	0.0321	0.0153	0.00000561	12.5	0.0000146	0.00051	0.000177	0.000914	0.0295	0.0000053	2.82	2.69	0.0276	0.00104	14.5	0.00238	0.0169	0.000149	0.00019	0.00011	0.139	0.00000222	0.00076	0.000297	0.00116	
2096 Aug	107	0.0499	0.134	0.00459	43.4	0.0405	25.9	0.000971	0.000971	0.0000049	0.00453	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000915	0.0295	0.0000053	2.83	2.7	0.0276	0.00104	14.5	0.00239	0.017	0.00015	0.00019	0.00011	0.14	0.00000223	0.00076	0.000297	0.00117	
2096 Sep	107	0.0499	0.134	0.00459	43.4	0.0405	25.9	0.000971	0.000971	0.0000049	0.00453	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000915	0.0295	0.0000053	2.83	2.7	0.0276	0.00104	14.5	0.00239	0.017	0.00015	0.00019	0.00011	0.14	0.00000223	0.00076	0.000297	0.00116	
2096 Oct	107	0.05	0.134	0.00459	43.4	0.0405	25.9	0.00097	0.00097	0.0000049	0.00453	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000914	0.0295	0.0000053	2.83	2.7	0.0276	0.00104	14.5	0.00239	0.017	0.000149	0.00019	0.00011	0.14	0.00000222	0.00076	0.000297	0.00116	
2096 Nov	107	0.05	0.134	0.00459	43.4	0.0405	25.9	0.00097	0.00097	0.0000049	0.00453	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000914	0.0295	0.0000053	2.83	2.7	0.0276	0.00104	14.5	0.00239	0.017	0.000149	0.00019	0.00011	0.14	0.00000222	0.00076	0.000297	0.00116	
2096 Dec	107	0.05	0.134	0.00459	43.4	0.0405	25.9	0.00097	0.00097	0.0000049	0.00453	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000914	0.0295	0.0000053	2.83	2.7	0.0276	0.00104	14.5	0.00239	0.017	0.000149	0.00019	0.00011	0.14	0.00000222	0.00076	0.000297	0.00116	
2097 Jan	107	0.05	0.134	0.00459	43.4	0.0405	25.9	0.00097	0.00097	0.0000049	0.00453	0.00111	0.0322	0.0153	0.00000562	12.5	0.0000146	0.000511	0.000177	0.000914	0

D.3: Conjoined Pit Lakes

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.0000021	0.0000721	0.000332	0.00125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2044-2099)																																					
2044 Jan	121	0.0176	0.0397	0.00197	17.6	0.0294	8.66	0.001	0.001	0.00000509	0.00332	0.00049	0.0104	0.00912	0.0000051	8.35	0.00000764	0.000106	0.000107	0.0008846	0.0185	0.00000214	1.08	1.49	0.00929	0.000162	6.99	0.0013	0.00923	0.0000714	0.0000676	0.000057	0.0479	0.00000203	0.0000711	0.000146	0.00094	2.3E-09
2044 Feb	121	0.0176	0.0397	0.00197	17.6	0.0294	8.66	0.001	0.001	0.00000509	0.00332	0.00049	0.0104	0.00913	0.0000051	8.35	0.00000764	0.000106	0.000107	0.0008846	0.0185	0.00000214	1.08	1.49	0.00929	0.000162	6.99	0.0013	0.00923	0.0000714	0.0000676	0.000057	0.0479	0.00000203	0.0000711	0.000146	0.00094	2.3E-09
2044 Mar	121	0.0176	0.0397	0.00197	17.6	0.0294	8.66	0.001	0.001	0.00000509	0.00332	0.00049	0.0104	0.00913	0.0000051	8.35	0.00000764	0.000106	0.000107	0.0008846	0.0186	0.00000214	1.08	1.49	0.00929	0.000162	6.99	0.0013	0.00923	0.0000714	0.0000676	0.000057	0.0479	0.00000203	0.0000712	0.000146	0.00094	2.3E-09
2044 Apr	121	0.0176	0.0398	0.00197	17.6	0.0294	8.66	0.001	0.001	0.00000509	0.00332	0.00049	0.0104	0.00913	0.0000051	8.35	0.00000764	0.000106	0.000107	0.0008846	0.0186	0.00000214	1.08	1.49	0.0093	0.000162	6.99	0.0013	0.00923	0.0000715	0.0000676	0.000057	0.0479	0.00000203	0.0000712	0.000146	0.00941	2.3E-09
2044 May	121	0.0177	0.0398	0.00197	17.7	0.0295	8.68	0.001	0.001	0.0000051	0.00333	0.000491	0.0104	0.00915	0.00000511	8.37	0.00000766	0.000106	0.000107	0.0008848	0.0186	0.00000215	1.09	1.49	0.00932	0.000163	7	0.00131	0.00925	0.0000716	0.0000677	0.0000571	0.048	0.00000204	0.0000713	0.000146	0.00942	2.3E-09
2044 Jun	119	0.0176	0.0393	0.00195	17.5	0.0292	8.58	0.000998	0.000998	0.00000507	0.00334	0.000492	0.0103	0.00915	0.00000508	8.37	0.00000772	0.000107	0.000107	0.0008842	0.0188	0.0000022	1.08	1.48	0.00945	0.000161	6.93	0.0013	0.0095	0.0000727	0.0000685	0.0000568	0.0479	0.00000202	0.0000707	0.000149	0.00945	2.27E-09
2044 Jul	120	0.0177	0.0394	0.00196	17.5	0.0293	8.59	0.001	0.001	0.00000509	0.00336	0.000495	0.0104	0.0092	0.0000051	8.4	0.00000778	0.000107	0.000108	0.0008844	0.0189	0.00000223	1.08	1.49	0.00951	0.000162	6.94	0.0013	0.00962	0.0000732	0.0000691	0.0000569	0.0481	0.00000203	0.0000709	0.000151	0.00951	2.27E-09
2044 Aug	120	0.0178	0.0396	0.00197	17.6	0.0295	8.65	0.00101	0.00101	0.00000512	0.00338	0.000499	0.0104	0.00926	0.00000513	8.46	0.00000783	0.000108	0.000109	0.00085	0.019	0.00000224	1.09	1.5	0.00957	0.000163	6.99	0.00131	0.0097	0.0000736	0.0000696	0.0000573	0.0484	0.00000204	0.0000714	0.000152	0.00957	2.29E-09
2044 Sep	120	0.0178	0.0395	0.00196	17.6	0.0295	8.63	0.00101	0.00101	0.00000511	0.00338	0.000499	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.019	0.00000225	1.09	1.49	0.00956	0.000163	6.97	0.00131	0.00974	0.0000734	0.0000694	0.0000572	0.0484	0.00000204	0.0000713	0.000151	0.00956	2.28E-09
2044 Oct	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00338	0.000499	0.0104	0.00925	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00978	0.0000733	0.0000693	0.0000571	0.0484	0.00000204	0.0000712	0.000151	0.00955	2.27E-09
2044 Nov	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00339	0.000499	0.0104	0.00926	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00979	0.0000733	0.0000693	0.0000571	0.0484	0.00000204	0.0000712	0.000151	0.00955	2.27E-09
2044 Dec	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00339	0.000499	0.0104	0.00926	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00979	0.0000733	0.0000693	0.0000571	0.0484	0.00000204	0.0000713	0.000151	0.00955	2.27E-09
2045 Jan	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00339	0.000499	0.0104	0.00926	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00979	0.0000733	0.0000693	0.0000571	0.0484	0.00000204	0.0000713	0.000151	0.00955	2.27E-09
2045 Feb	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00339	0.000499	0.0104	0.00926	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00979	0.0000733	0.0000693	0.0000571	0.0484	0.00000204	0.0000713	0.000151	0.00955	2.27E-09
2045 Mar	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00339	0.000499	0.0104	0.00926	0.00000512	8.46	0.00000782	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00979	0.0000733	0.0000693	0.0000571	0.0484	0.00000204	0.0000713	0.000151	0.00956	2.27E-09
2045 Apr	120	0.0179	0.0395	0.00196	17.6	0.0295	8.62	0.00101	0.00101	0.00000511	0.00339	0.000499	0.0104	0.00926	0.00000512	8.46	0.00000783	0.000108	0.000108	0.0008848	0.0191	0.00000226	1.09	1.49	0.00955	0.000164	6.97	0.00131	0.00979	0.0000733	0.0000693	0.0000572	0.0484	0.00000204	0.0000713	0.000151	0.00956	2.28E-09
2045 May	120	0.018	0.0395	0.00197	17.6	0.0295	8.64	0.00101	0.00101	0.00000512	0.00339	0.0005	0.0104	0.00927	0.00000513	8.48	0.00000784	0.000108	0.000109	0.00085	0.0191	0.00000226	1.09	1.5	0.00957	0.000164	6.98	0.00131	0.00981	0.0000735	0.0000694	0.0000572	0.0485	0.00000204	0.0000714	0.000152	0.00957	2.28E-09
2045 Jun	119	0.0179	0.0392	0.00195	17.5	0.0294	8.58	0.001	0.001	0.00000511	0.00341	0.000501	0.0104	0.00927	0.00000512	8.47	0.0000079	0.000109	0.000108	0.0008846	0.0192	0.0000023	1.09	1.49	0.0096	0.000163	6.94	0.0013	0.00999	0.0000737	0.0000701	0.000057	0.0484	0.00000204	0.0000711	0.000153	0.00961	2.26E-09
2045 Jul	119	0.0179	0.0392	0.00196	17.5	0.0295	8.57	0.00101	0.00101	0.00000512	0.00343	0.000504	0.0104	0.00931	0.00000513	8.5	0.00000797	0.000109	0.000109	0.0008847	0.0193	0.00000234	1.09	1.5	0.00966	0.000164	6.94	0.0013	0.0101	0.0000741	0.0000708	0.0000571	0.0485	0.00000204	0.0000712	0.000155	0.00967	2.26E-09
2045 Aug	120	0.018	0.0394	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000514	0.00344	0.000506	0.0105	0.00935	0.00000515	8.54	0.000008	0.00011	0.000109	0.0008851	0.0194	0.00000235	1.09	1.5	0.00971	0.000164	6.97	0.00131	0.0102	0.0000744	0.0000711	0.0000574	0.0487	0.00000205	0.0000715	0.000156	0.00971	2.27E-09
2045 Sep	120	0.0181	0.0394	0.00196	17.6	0.0296	8.61	0.00101	0.00101	0.00000514	0.00345	0.000507	0.0105	0.00936	0.00000515	8.55	0.000008	0.00011	0.000109	0.0008851	0.0195	0.00000236	1.09	1.5	0.00971	0.000165	6.97	0.00131	0.0102	0.0000744	0.0000711	0.0000574	0.0488	0.00000205	0.0000715	0.000156	0.00972	2.26E-09
2045 Oct	120	0.0181	0.0394	0.00197	17.6	0.0296	8.62	0.00101	0.00101	0.00000514	0.00345	0.000507	0.0105	0.00937	0.00000515	8.55	0.00000801	0.00011	0.000109	0.0008852	0.0195	0.00000236	1.09	1.5	0.00972	0.000165	6.97	0.00131	0.0103	0.0000745	0.0000711	0.0000574	0.0488	0.00000205	0.0000716	0.000156	0.00973	2.27E-09
2045 Nov	120	0.0181	0.0394	0.00197	17.6	0.0296	8.62	0.00101	0.00101	0.00000515	0.00345	0.000508	0.0105	0.00937	0.00000516	8.56	0.00000801	0.00011	0.000109	0.0008852	0.0195	0.00000236	1.09	1.5	0.00972	0.000165	6.97	0.00131	0.0103	0.0000745	0.0000711	0.0000574	0.0488	0.00000205	0.0000716	0.000156	0.00973	2.27E-09
2045 Dec	120	0.0181	0.0394	0.00197	17.6	0.0296	8.62	0.00101	0.00101	0.00000515	0.00345	0.000508	0.0105	0.00937	0.00000516	8.56	0.00000801	0.00011	0.000109	0.0008852	0.0195	0.00000236	1.09	1.5	0.00972	0.000165	6.98	0.00131	0.0103	0.0000745	0.0000711	0.0000575	0.0488	0.00000205	0.0000716	0.000156	0.00973	2.27E-09
2046 Jan	120	0.0181	0.0394	0.00197	17.6	0.0296	8.62	0.00101	0.00101	0.00000515	0.00345	0.000508	0.0105	0.00937	0.00000516	8.56	0.00000801	0.00011	0.000109	0.0008852	0.0195	0.00000236	1.09	1.5	0.00972	0.000165	6.98	0.00131	0.0103	0.0000745	0.0000711	0.0000575	0.0488	0.00000205	0.0000716	0.000156	0.00973	2.27E-09
2046 Feb	120	0.0181	0.0394	0.00197	17.6	0.0296	8.62	0.00101	0.00101	0.00000515	0.00345	0.000508	0.0105	0.00937	0.00000516	8.56	0.00000801	0.00011	0.000109	0.0008852	0.0195	0.00000236	1.09	1.5	0.00972	0.000165	6.98	0.00131	0.0103	0.0000745	0.0000711	0.0000575	0.0488	0.00000205	0.0000716	0.000156	0.00973	2.27E-09
2046 Mar	120	0.0181	0.0394	0.00197	17.6	0.0296	8.62	0.00101	0.00101	0.00000515	0.00345	0.000508	0.0105	0.00937	0.00000516	8.56	0.00000801	0.00011	0.000109	0.0008853	0.0195	0.00000236	1.09	1.5	0.00972	0.000165	6.98	0.00131	0.0103	0.0000745	0.0000711	0.0000575	0.0488	0.00000205	0.0000716	0.000156	0.00973	2.27E-09
2046 Apr	120	0.0181	0.0394	0.00197	17.6	0.0297	8.62	0.00101	0.00101	0.00000515	0.00346	0.000508	0.0105	0.00938	0.00000516	8.56	0.00000802	0.00011	0.00011	0.0008853	0.0195	0.00000236	1.09	1.51	0.00973	0.000165	6.98	0.00131	0.0103	0.0000745	0.0000712	0.0000575	0.0489	0.00000205	0.0000716	0.000156	0.00974	2.27E-09
2046 May	120	0.0182	0.0395	0.00197	17.6	0.0297	8.64	0.00102	0.00102	0.00000516	0.00346	0.000509	0.0105	0.0094	0.00000517	8.58	0.00000803	0.00011	0.00011	0.0008854	0.0195	0.00000237	1.1	1.51	0.00975	0.000165	6.99	0.00132	0.0103	0.0000747	0.0000713	0.0000576	0.049	0.00000206	0.0000718	0.000156	0.00975	2.27E-09
2046 Jun	119	0.0181	0.0391	0.00195	17.5	0.0295	8.55	0.00101	0.00101	0.00000513	0.00348	0.00051	0.0105	0.00939	0.00000514	8.57	0.00000811	0.000111	0.00011	0.0008849	0.0197	0.00000242	1.09	1.5	0.00981	0.000164	6.93	0.00131	0.0105	0.0000751	0.0000722	0.0000573	0.0488	0.00000205	0.0000713	0.000159	0.00979	2.24E-09
2046 Jul	118	0.018	0.0387	0.00194	17.3	0.0294	8.48	0.00101	0.00101	0.00000512	0.00349	0.000511	0.0104	0.00938	0.00000513	8.56	0.00000816	0.000111	0.000109	0.0008845	0.0198	0.00000246	1.09	1.5	0.00984	0.000163	6.88	0.0013	0.0107	0.0000753	0.0000728	0.000057	0.0487	0.00000204	0.0000709	0.00016	0.00983	2.22E-09
2046 Aug	119	0.0181	0.0389	0.00195	17.4	0.0295	8.52	0.00101	0.00101	0.00000514	0.00351	0.000514	0.0105	0.00943	0.00000515	8.6	0.0000082	0.000111	0.00011	0.0008849	0.0199	0.00000247	1.09	1.5	0.00988	0.000164	6.91	0.00131	0.0108	0.0000756	0.0000731	0.0000573	0.0489	0.00000205	0.0000712	0.000161	0.00987	2.23E-09
2046 Sep	118	0.0181	0.0388	0.00194	17.4	0.0295	8.5	0.00101	0.00101	0.00000513	0.00351	0.000514	0.0104	0.00942	0.00000514	8.59	0.00000818	0.000111	0.00011	0.0008847	0.0199	0.00000248	1.09	1.5	0.00986	0.000165	6.89	0.0013	0.0108	0.0000754	0.000073	0.0000572	0.0489	0.00000205	0.0000711	0.000161	0.00986	2.22E-09
2046 Oct	118	0.0182	0.0387	0.00194	17.3	0.0294	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00941	0.00000513	8.59	0.00000818	0.000111	0.000109	0.0008846	0.0199	0.00000248	1.09	1.5	0.00985	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.000057	0.0488	0.00000204	0.000071	0.000161	0.00984	2.22E-09
2046 Nov	118	0.0182	0.0387	0.00194	17.3	0.0294	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00942	0.00000513	8.59	0.00000818	0.000111	0.000109	0.0008846	0.0199	0.00000249	1.09	1.5	0.00985	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.0000571	0.0488	0.00000204	0.0000711	0.000161	0.00984	2.22E-09
2046 Dec	118	0.0182	0.0387	0.00194	17.3	0.0294	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00942	0.00000513	8.59	0.00000818	0.000111	0.000109	0.0008846	0.0199	0.00000249	1.09	1.5	0.00985	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.0000571	0.0488	0.00000204	0.0000711	0.000161	0.00984	2.22E-09
2047 Jan	118	0.0182	0.0387	0.00194	17.3	0.0294	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00942	0.00000513	8.59	0.00000818	0.000111	0.000109	0.0008846	0.0199	0.00000249	1.09	1.5	0.00985	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.0000571	0.0488	0.00000204	0.0000711	0.000161	0.00984	2.22E-09
2047 Feb	118	0.0182	0.0387	0.00194	17.3	0.0295	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00942	0.00000513	8.59	0.00000818	0.000111	0.000109	0.0008846	0.0199	0.00000249	1.09	1.5	0.00985	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.0000571	0.0488	0.00000204	0.000071	0.000161	0.00984	2.22E-09
2047 Mar	118	0.0182	0.0387	0.00194	17.3	0.0295	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00942	0.00000513	8.59	0.00000818	0.000111	0.000109	0.0008846	0.0199	0.00000249	1.09	1.5	0.00985	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.0000571	0.0489	0.00000204	0.000071	0.000161	0.00985	2.22E-09
2047 Apr	118	0.0182	0.0387	0.00194	17.4	0.0295	8.48	0.00101	0.00101	0.00000512	0.00351	0.000514	0.0104	0.00942	0.00000513	8.59	0.00000819	0.000111	0.00011	0.0008847	0.0199	0.00000249	1.09	1.5	0.00986	0.000165	6.88	0.0013	0.0109	0.0000753	0.0000728	0.0000571	0.0489	0.00000204	0.0000711	0.000161	0.00985	2.22E-09
2047 May	118	0.0183	0.0387	0.00194	17.4	0.0295	8.49	0.00101	0.00101	0.00000513	0.00351	0.000516	0.0104	0.00946	0.00000514	8.62	0.00000821	0.000112	0.00011	0.0008848	0.02	0.0000025	1.09	1.5	0.00994	0.000165	6.89	0.0013	0.0109	0.0000761	0.000073	0.0000572	0.049	0.00000205	0.0000711	0.000162	0.000987	2.22E-09
2047 Jun	117	0.0185	0.0384	0.00193	17.3	0.0293	8.43	0.00101	0.00101	0.00000511	0.00353	0.000521	0.0104	0.00958	0.00000512	8.71	0.00000828	0.000113	0.000112	0.0008846	0.0204	0.00000255	1.09	1.51	0.0104	0.000165	6.85	0.0013	0.0112	0.0000799	0.0000739	0.0000573	0.0494	0.00000204	0.0000708	0.000167	0.00099	2.19E-09
2047 Jul	118	0.0186	0.0386	0.00194	17.4	0.0295	8.47	0.00101	0.00101	0.00000514	0.00355	0.000525	0.0105	0.00964	0.00000515	8.76	0.00000834	0.000114	0.000113	0.00085	0.0206	0.00000257	1.1	1.52	0.0105	0.000165	6.89	0.00131	0.0113	0.0000804	0.0000745	0.0000576	0.0497	0.00000205	0.0000712	0.000169	0.000997	2.2E-09
2047 Aug	119	0.0187	0.0388	0.00195	17.5	0.0296	8.52	0.00102	0.00102	0.00000516	0.00357	0.000527	0.0105	0.00969	0.00000517	8.81	0.00000838	0.000115	0.000113	0.0008855	0.0207	0.00000258	1.1	1.53	0.0105	0.000166	6.92	0.00131	0.0114	0.0000808	0.0000748	0.0000579	0.05	0.00000206	0.0000716	0.000169	0.001	2.21E-09
2047 Sep	118	0.0187	0.0387	0.00195	17.4	0.0296	8.51	0.00102	0.00102	0.00000516	0.00357	0.000528	0.0105	0.00969	0.00000517	8.81	0.00000837	0.000115	0.000113	0.0008854	0.0207	0.00000259	1.1	1.53	0.0105	0.000167	6.91	0.00131	0.0114	0.0000807	0.0000747	0.0000578	0.05	0.00000206	0.0000715	0.000169	0.001	2.21E-09
2047 Oct	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00101	0.00101	0.00000515	0.00357	0.000528	0.0105	0.00968	0.00000516	8.8	0.00000837	0.000114	0.000113	0.0008853	0.0207	0.00000259	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0115	0.0000805	0.0000746	0.0000577	0.0499	0.00000206	0.0000714	0.000169	0.001	2.2E-09
2047 Nov	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00101	0.00101	0.00000515	0.00357	0.000528	0.0105	0.00968	0.00000516	8.8	0.00000837	0.000114	0.000113	0.0008853	0.0207	0.0000026	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0115	0.0000805	0.0000745	0.0000577	0.0499	0.00000206	0.0000714	0.000169	0.001	2.2E-09
2047 Dec	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00101	0.00101	0.00000515	0.00357	0.000528	0.0105	0.00968	0.00000516	8.81	0.00000837	0.000114	0.000113	0.0008853	0.0207	0.0000026	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0115	0.0000805	0.0000745	0.0000577	0.0499	0.00000206	0.0000714	0.000169	0.001	2.2E-09
2048 Jan	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00101	0.00101	0.00000515	0.00357	0.000528	0.0105	0.00968	0.00000516	8.81	0.00000837	0.000114	0.000113	0.0008853	0.0207	0.0000026	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0115	0.0000805	0.0000745	0.0000577	0.0499	0.00000206	0.0000714	0.000169	0.001	2.2E-09
2048 Feb	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00101	0.00101	0.00000515	0.00357	0.000528	0.0105	0.00968	0.00000516	8.81	0.00000837	0.000114	0.000113	0.0008853	0.0207	0.0000026	1.1	1.52	0.0105	0.000167	6.9	0.00131	0.0115	0.0000805	0.0000745	0.0000577	0.0499	0.00000206	0.0000714	0.000169	0.001	2.2E-09
2048 Mar	118	0.0188	0.0386	0.00194	17.4	0.0296	8.49	0.00101	0.00101	0.00000515	0.00357	0.000528	0.0105	0.00968	0.00000516	8.81	0.00000837	0.000114	0.000113	0.0008853	0.0207	0.0000026	1.1	1.52	0.0105	0.000167	6.9	0.00131

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.00000021	0.0000721	0.000332	0.00125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2051 Oct	112	0.0195	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000557	0.0104	0.01	0.00000511	9.06	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0138	0.000087	0.000081	0.000057	0.0508	0.00000204	0.00007	0.00019	0.00105	2.04E-09
2051 Nov	112	0.0196	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000557	0.0104	0.01	0.00000511	9.07	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0138	0.000087	0.0000809	0.000057	0.0508	0.00000204	0.0000701	0.00019	0.00105	2.04E-09
2051 Dec	112	0.0196	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000557	0.0104	0.01	0.00000511	9.07	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0138	0.000087	0.0000809	0.000057	0.0508	0.00000204	0.0000701	0.00019	0.00105	2.04E-09
2052 Jan	112	0.0196	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000557	0.0104	0.01	0.00000511	9.07	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0138	0.000087	0.0000809	0.000057	0.0508	0.00000204	0.0000701	0.00019	0.00105	2.04E-09
2052 Feb	112	0.0196	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000557	0.0104	0.01	0.00000511	9.07	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000306	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0138	0.000087	0.000081	0.000057	0.0508	0.00000204	0.0000701	0.00019	0.00105	2.04E-09
2052 Mar	112	0.0196	0.0363	0.00186	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000557	0.0104	0.01	0.00000511	9.07	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000307	1.09	1.52	0.0114	0.000168	6.62	0.00129	0.0138	0.000087	0.000081	0.000057	0.0508	0.00000204	0.0000701	0.00019	0.00105	2.04E-09
2052 Apr	112	0.0196	0.0363	0.00187	16.7	0.0291	8.08	0.00101	0.00101	0.0000051	0.00379	0.000558	0.0104	0.01	0.00000512	9.07	0.00000903	0.000121	0.000116	0.00084	0.0225	0.00000307	1.09	1.52	0.0114	0.000168	6.63	0.00129	0.0138	0.000087	0.000081	0.000057	0.0509	0.00000204	0.0000701	0.00019	0.00105	2.04E-09
2052 May	113	0.0196	0.0364	0.00187	16.8	0.0292	8.09	0.00101	0.00101	0.0000051	0.0038	0.000559	0.0104	0.0101	0.00000512	9.1	0.00000905	0.000121	0.000117	0.00084	0.0226	0.00000307	1.09	1.53	0.0115	0.000168	6.63	0.00129	0.0138	0.0000877	0.0000812	0.0000572	0.051	0.00000204	0.0000702	0.00019	0.00105	2.04E-09
2052 Jun	112	0.0198	0.0362	0.00186	16.7	0.0291	8.07	0.00101	0.00101	0.0000051	0.00381	0.000563	0.0104	0.0102	0.00000512	9.16	0.00000911	0.000122	0.000118	0.00084	0.0229	0.00000311	1.09	1.54	0.0117	0.000168	6.62	0.00129	0.014	0.0000902	0.0000818	0.0000573	0.0513	0.00000204	0.0000701	0.00019	0.00105	2.03E-09
2052 Jul	112	0.0198	0.0363	0.00186	16.8	0.0292	8.08	0.00101	0.00101	0.0000051	0.00382	0.000565	0.0104	0.0102	0.00000513	9.19	0.00000913	0.000123	0.000118	0.00084	0.023	0.00000313	1.1	1.54	0.0118	0.000169	6.63	0.00129	0.0141	0.0000905	0.0000821	0.0000574	0.0515	0.00000204	0.0000702	0.00019	0.00106	2.03E-09
2052 Aug	113	0.0199	0.0364	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000567	0.0104	0.0102	0.00000514	9.22	0.00000916	0.000123	0.000119	0.00084	0.0231	0.00000314	1.1	1.54	0.0118	0.000169	6.65	0.00129	0.0142	0.0000907	0.0000823	0.0000576	0.0516	0.00000205	0.0000704	0.00019	0.00106	2.04E-09
2052 Sep	113	0.0199	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0104	0.0102	0.00000514	9.23	0.00000916	0.000123	0.000119	0.00084	0.0231	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000907	0.0000823	0.0000576	0.0516	0.00000205	0.0000704	0.00019	0.00106	2.04E-09
2052 Oct	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0104	0.0102	0.00000514	9.23	0.00000916	0.000123	0.000119	0.00084	0.0231	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000906	0.0000822	0.0000576	0.0517	0.00000205	0.0000704	0.00019	0.00106	2.03E-09
2052 Nov	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0104	0.0102	0.00000515	9.23	0.00000917	0.000123	0.000119	0.00084	0.0231	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000907	0.0000823	0.0000576	0.0517	0.00000205	0.0000705	0.00019	0.00106	2.04E-09
2052 Dec	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0104	0.0102	0.00000515	9.23	0.00000917	0.000123	0.000119	0.00084	0.0231	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000907	0.0000823	0.0000576	0.0517	0.00000205	0.0000705	0.00019	0.00106	2.04E-09
2053 Jan	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0104	0.0102	0.00000515	9.23	0.00000917	0.000123	0.000119	0.00084	0.0231	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000907	0.0000823	0.0000576	0.0517	0.00000205	0.0000705	0.00019	0.00106	2.04E-09
2053 Feb	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0104	0.0102	0.00000515	9.23	0.00000917	0.000123	0.000119	0.00084	0.0232	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.00129	0.0142	0.0000907	0.0000823	0.0000576	0.0517	0.00000205	0.0000705	0.00019	0.00106	2.04E-09
2053 Mar	113	0.02	0.0363	0.00187	16.8	0.0293	8.1	0.00101	0.00101	0.0000051	0.00384	0.000568	0.0105	0.0102	0.00000515	9.24	0.00000917	0.000123	0.000119	0.00084	0.0232	0.00000315	1.1	1.54	0.0118	0.00017	6.65	0.0013	0.0142	0.0000907	0.0000823	0.0000576	0.0517	0.00000205	0.0000705	0.00019	0.00106	2.04E-09
2053 Apr	113	0.02	0.0364	0.00187	16.8	0.0293	8.11	0.00101	0.00101	0.0000051	0.00385	0.000569	0.0105	0.0102	0.00000515	9.24	0.00000917	0.000123	0.000119	0.00084	0.0232	0.00000315	1.1	1.55	0.0118	0.00017	6.65	0.0013	0.0142	0.0000907	0.0000823	0.0000576	0.0517	0.00000205	0.0000705	0.00019	0.00106	2.04E-09
2053 May	113	0.0201	0.0364	0.00187	16.8	0.0293	8.11	0.00101	0.00101	0.0000051	0.00385	0.000572	0.0105	0.0103	0.00000515	9.29	0.0000092	0.000124	0.00012	0.00084	0.0234	0.00000317	1.1	1.55	0.012	0.00017	6.66	0.0013	0.0143	0.0000924	0.0000827	0.0000578	0.052	0.00000205	0.0000706	0.00019	0.00106	2.03E-09
2053 Jun	112	0.0202	0.036	0.00185	16.7	0.0291	8.03	0.00101	0.00101	0.0000051	0.00386	0.000576	0.0104	0.0104	0.00000512	9.37	0.00000925	0.000125	0.000122	0.00084	0.0238	0.00000321	1.1	1.56	0.0125	0.000169	6.61	0.00129	0.0146	0.0000964	0.0000834	0.0000578	0.0524	0.00000204	0.0000701	0.00019	0.00106	0.000000002
2053 Jul	112	0.0203	0.0361	0.00186	16.8	0.0292	8.06	0.00101	0.00101	0.0000051	0.00388	0.000579	0.0104	0.0105	0.00000514	9.41	0.0000093	0.000126	0.000122	0.00084	0.0239	0.00000323	1.1	1.56	0.0125	0.00017	6.63	0.0013	0.0147	0.0000968	0.0000838	0.00058	0.0526	0.00000205	0.0000704	0.00019	0.00107	2.01E-09
2053 Aug	113	0.0204	0.0362	0.00187	16.9	0.0293	8.1	0.00102	0.00102	0.0000051	0.0039	0.000582	0.0105	0.0105	0.00000517	9.46	0.00000935	0.000127	0.000123	0.00085	0.024	0.00000325	1.11	1.57	0.0126	0.000171	6.66	0.0013	0.0148	0.0000973	0.0000842	0.0000583	0.0528	0.00000206	0.0000707	0.00020	0.00107	2.02E-09
2053 Sep	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00391	0.000584	0.0105	0.0106	0.00000518	9.49	0.00000938	0.000127	0.000123	0.00085	0.0241	0.00000326	1.11	1.58	0.0126	0.000171	6.69	0.00131	0.0148	0.0000977	0.0000845	0.0000585	0.053	0.00000207	0.000071	0.00020	0.00108	2.03E-09
2053 Oct	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00392	0.000584	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.69	0.00131	0.0149	0.0000977	0.0000846	0.0000585	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2053 Nov	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00392	0.000585	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.69	0.00131	0.0149	0.0000977	0.0000846	0.0000585	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2053 Dec	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00392	0.000585	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.69	0.00131	0.0149	0.0000977	0.0000846	0.0000585	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2054 Jan	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00392	0.000585	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.69	0.00131	0.0149	0.0000977	0.0000846	0.0000585	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2054 Feb	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00392	0.000585	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.69	0.00131	0.0149	0.0000977	0.0000846	0.0000585	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2054 Mar	113	0.0205	0.0364	0.00187	16.9	0.0295	8.13	0.00102	0.00102	0.0000051	0.00392	0.000585	0.0105	0.0106	0.00000519	9.5	0.00000939	0.000127	0.000123	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.69	0.00131	0.0149	0.0000977	0.0000846	0.0000585	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2054 Apr	113	0.0206	0.0364	0.00187	16.9	0.0295	8.14	0.00102	0.00102	0.0000051	0.00392	0.000585	0.0105	0.0106	0.00000519	9.51	0.00000939	0.000127	0.000124	0.00086	0.0241	0.00000327	1.12	1.58	0.0126	0.000172	6.7	0.00131	0.0149	0.0000978	0.0000846	0.0000586	0.0531	0.00000207	0.0000711	0.00020	0.00108	2.03E-09
2054 May	113	0.0206	0.0364	0.00188	17	0.0295	8.15	0.00102	0.00102	0.0000051	0.00392	0.000586	0.0105	0.0106	0.00000519	9.53	0.00000941	0.000127	0.000124	0.00085	0.0242	0.00000328	1.12	1.58	0.0127	0.000172	6.7	0.00131	0.0149	0.0000983	0.0000848	0.0000587	0.0532	0.00000207	0.0000712	0.00020	0.00108	2.02E-09
2054 Jun	112	0.0206	0.0361	0.00186	16.9	0.0293	8.08	0.00102	0.00102	0.0000051	0.00392	0.000588	0.0105	0.0107	0.00000517	9.56	0.00000944	0.000128	0.000125	0.00085	0.0245	0.0000033	1.11	1.58	0.013	0.000171	6.66	0.0013	0.0151	0.000101	0.0000852	0.0000586	0.0534	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2054 Jul	112	0.0206	0.036	0.00186	16.8	0.0293	8.06	0.00102	0.00102	0.0000051	0.00393	0.000589	0.0105	0.0107	0.00000517	9.57	0.00000946	0.000128	0.000125	0.00085	0.0245	0.00000332	1.11	1.58	0.013	0.000171	6.65	0.0013	0.0151	0.000101	0.0000855	0.0000585	0.0534	0.00000206	0.0000706	0.00021	0.00108	0.000000002
2054 Aug	112	0.0207	0.036	0.00186	16.8	0.0293	8.07	0.00102	0.00102	0.0000051	0.00394	0.000591	0.0105	0.0107	0.00000517	9.59	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000333	1.12	1.59	0.013	0.000171	6.65	0.0013	0.0152	0.000101	0.0000856	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2054 Sep	112	0.0207	0.036	0.00186	16.9	0.0294	8.07	0.00102	0.00102	0.0000051	0.00394	0.000592	0.0105	0.0107	0.00000518	9.6	0.00000948	0.000129	0.000125	0.00085	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.66	0.00131	0.0152	0.000101	0.0000856	0.0000586	0.0535	0.00000206	0.0000708	0.00021	0.00108	0.000000002
2054 Oct	112	0.0208	0.036	0.00186	16.8	0.0294	8.07	0.00102	0.00102	0.0000051	0.00394	0.000591	0.0105	0.0107	0.00000517	9.6	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000334	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000855	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2054 Nov	112	0.0208	0.036	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.0000051	0.00394	0.000591	0.0105	0.0107	0.00000517	9.6	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000335	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	1.99E-09
2054 Dec	112	0.0208	0.036	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.0000051	0.00394	0.000591	0.0105	0.0107	0.00000517	9.6	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000335	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2055 Jan	112	0.0208	0.036	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.0000051	0.00394	0.000591	0.0105	0.0107	0.00000517	9.6	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000335	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2055 Feb	112	0.0208	0.036	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.0000051	0.00394	0.000591	0.0105	0.0107	0.00000517	9.6	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000335	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2055 Mar	112	0.0208	0.036	0.00186	16.8	0.0294	8.06	0.00102	0.00102	0.0000051	0.00394	0.000592	0.0105	0.0107	0.00000517	9.6	0.00000947	0.000129	0.000125	0.00085	0.0246	0.00000335	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000854	0.0000586	0.0535	0.00000206	0.0000707	0.00021	0.00108	0.000000002
2055 Apr	112	0.0208	0.036	0.00186	16.8	0.0294	8.07	0.00102	0.00102	0.0000051	0.00394	0.000592	0.0105	0.0107	0.00000517	9.6	0.00000948	0.000129	0.000125	0.00085	0.0246	0.00000335	1.12	1.59	0.013	0.000172	6.65	0.0013	0.0153	0.000101	0.0000855	0.0000586	0.0535	0.00000206	0.0000708	0.00021	0.00108	0.000000002
2055 May	112	0.0208	0.036	0.00186	16.9	0.0294	8.08	0.00102	0.00102	0.0000051	0.00395	0.000593	0.0105	0.0107	0.00000518	9.61	0.00000949	0.000129	0.000125	0.00085	0.0247	0.00000335	1.12	1.59	0.013	0.000172	6.66	0.00131	0.0153	0.000101	0.0000856	0.0000587	0.0536	0.00000206	0.0000709	0.00021	0.00109	0.000000002
2055 Jun	111	0.0207	0.0356	0.00184	16.7	0.0292	7.99	0.00101	0.00101	0.0000051	0.00396	0.000593	0.0104	0.0107	0.00000516	9.59	0.00000956	0.000129	0.000125	0.00085	0.0248	0.0000034	1.11	1.58	0.0131	0.000171	6.59	0.0013	0.0155	0.000101	0.0000865	0.0000583	0.0534	0.00000205	0.0000704	0.00021	0.00109	1.97E-09
2055 Jul	111	0.0207	0.0355	0.00184	16.7	0.0292	7.97	0.00102	0.00102	0.0000051	0.00398	0.000596	0.0105	0.0107	0.00000516	9.61	0.00000962	0.00013	0.000125	0.00085	0.0249	0.00000343	1.11	1.58	0.0131	0.000171	6.58	0.0013	0.0157	0.000102	0.000087	0.0000583	0.0535	0.00000206	0.0000704	0.00021	0.00109	1.96E-09
2055 Aug	111	0.0208	0.0356	0.00185	16.7	0.0293	8	0.00102	0.00102	0.0000051	0.004	0.000598	0.0105	0.0108	0.00000518	9.66	0.00000965	0.00013	0.000126	0.00085	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.61	0.0013	0.0157	0.000102	0.0000874	0.0000586	0.0537	0.00000206	0.0000707	0.00021	0.0011	1.97E-09
2055 Sep	111	0.0209	0.0356	0.00185	16.7	0.0294	8	0.00102	0.00102	0.0000051	0.004	0.000599	0.0105	0.0108	0.00000518	9.66	0.00000966	0.00013	0.000126	0.00085	0.025	0.00000345	1.12	1.59	0.0132	0.000172	6.61	0.0013	0.0158	0.000102	0.0000874	0.0000586	0.0538	0.00000207	0.0000707	0.00021	0.0011	1.97E-09
2055 Oct	111	0.0209	0.0356	0.00185	16.7	0.0294	8.01	0.00102	0.00102	0.0000051	0.00401	0.000599	0.0105	0.0108	0.00000519	9.67	0.00000966	0.00013	0.000126	0.00085	0.025	0.00000346	1.12	1.59	0.0132	0.000173	6.61	0.0013	0.0158	0.000102	0.0000874	0.0000586	0.0538	0.00000207	0.0000707	0.00021	0.0011	1.97E-09
2055 Nov	111	0.0209	0.0357	0.00185	16.8	0.0294	8.01	0.00102	0.00102	0.0000051	0.00401	0.0006	0.0105	0.0108	0.00000519	9.67	0.00000967	0.00013	0.000126	0.00085	0.025	0.00000346	1.12	1.59	0.0132	0.000173	6.62	0.0013	0.0158	0.000102	0.0000874	0.0000586	0.0538	0.00000207	0.0000707	0.00021	0.0011	1.97E-09
2055 Dec	111	0.0209	0.0357	0.00185	16.8	0.0294	8.01	0.00102	0.00102	0.0000051	0.00401	0.0006	0.0105	0.0108	0.00000519	9.67	0.00000967	0.00013	0.000126	0.00085	0.025	0.00000346	1.12	1.59	0.0132	0.000173	6.62	0.0013	0.0158	0.000102	0.0000874	0.0000586	0.0538	0.00000207	0.0000707	0.00021	0.0011	1.97E-09
2056 Jan	111	0.0209	0.0357	0.00185	16.8	0.0294	8.01	0.00102	0.00102	0.0000051	0.00401	0.0006	0.0105	0.0108	0.00000519	9.67	0.00000967	0.00013	0.000126	0.00085	0.0251	0.00000346	1.12	1.59	0.0132	0.000173	6.62	0.0013	0.0

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.0000021	0.0000721	0.000332	0.00125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2059 Oct	112	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00425	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.000179	6.71	0.00134	0.018	0.000125	0.0000946	0.0000614	0.0583	0.00000211	0.0000723	0.000253	0.00116	1.92E-09
2059 Nov	112	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00425	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.00018	6.7	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000722	0.000253	0.00116	1.92E-09
2059 Dec	112	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00426	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.00018	6.7	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000722	0.000253	0.00116	1.92E-09
2060 Jan	112	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00426	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.00018	6.71	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000723	0.000253	0.00116	1.92E-09
2060 Feb	112	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00426	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.00018	6.71	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000723	0.000253	0.00116	1.92E-09
2060 Mar	112	0.0231	0.0354	0.00185	17	0.0299	8.05	0.00104	0.00104	0.00000529	0.00426	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.16	1.7	0.0159	0.00018	6.71	0.00134	0.018	0.000125	0.0000945	0.0000614	0.0583	0.00000211	0.0000723	0.000253	0.00116	1.92E-09
2060 Apr	112	0.0231	0.0354	0.00185	17	0.0299	8.06	0.00104	0.00104	0.00000529	0.00426	0.000654	0.0107	0.0119	0.0000053	10.6	0.0000104	0.000143	0.000142	0.000882	0.0284	0.00000387	1.17	1.7	0.0159	0.00018	6.71	0.00134	0.0181	0.000125	0.0000946	0.0000614	0.0583	0.00000211	0.0000723	0.000253	0.00116	1.92E-09
2060 May	112	0.0232	0.0354	0.00185	17.1	0.0299	8.06	0.00105	0.00105	0.0000053	0.00427	0.000657	0.0107	0.012	0.0000053	10.6	0.0000104	0.000144	0.000143	0.000883	0.0286	0.00000389	1.17	1.71	0.0161	0.00018	6.71	0.00134	0.0182	0.000127	0.0000949	0.0000616	0.0586	0.00000211	0.0000723	0.000255	0.00116	1.92E-09
2060 Jun	111	0.0234	0.0351	0.00184	17	0.0297	8.01	0.00104	0.00104	0.00000527	0.00427	0.000662	0.0107	0.0121	0.00000528	10.7	0.0000105	0.000145	0.000145	0.000881	0.029	0.00000392	1.17	1.71	0.0166	0.00179	6.68	0.00134	0.0184	0.000131	0.0000956	0.0000617	0.0591	0.00000211	0.0000727	0.000261	0.00116	1.89E-09
2060 Jul	112	0.0235	0.0353	0.00185	17.1	0.0299	8.06	0.00105	0.00105	0.00000531	0.0043	0.000666	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146	0.000887	0.0292	0.00000395	1.18	1.73	0.0167	0.00018	6.72	0.00135	0.0185	0.000132	0.0000963	0.0000621	0.0595	0.00000212	0.0000725	0.000263	0.00117	1.9E-09
2060 Aug	112	0.0236	0.0354	0.00185	17.1	0.0299	8.07	0.00105	0.00105	0.00000532	0.00431	0.000668	0.0108	0.0122	0.00000533	10.8	0.0000106	0.000147	0.000146	0.000889	0.0293	0.00000397	1.18	1.73	0.0168	0.000181	6.74	0.00135	0.0186	0.000132	0.0000965	0.0000622	0.0596	0.00000212	0.0000726	0.000263	0.00117	1.91E-09
2060 Sep	111	0.0236	0.0352	0.00184	17.1	0.0299	8.03	0.00105	0.00105	0.0000053	0.0043	0.000667	0.0107	0.0122	0.00000531	10.8	0.0000105	0.000146	0.000146	0.000886	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.7	0.00134	0.0186	0.000132	0.0000959	0.000062	0.0594	0.00000212	0.0000724	0.000262	0.00117	1.89E-09
2060 Oct	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00105	0.00105	0.00000529	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000146	0.000885	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000261	0.00117	1.89E-09
2060 Nov	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00104	0.00104	0.00000529	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000145	0.000885	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.69	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000261	0.00117	1.89E-09
2060 Dec	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00104	0.00104	0.00000529	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000146	0.000885	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.69	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000261	0.00117	1.89E-09
2061 Jan	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00104	0.00104	0.00000529	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000146	0.000885	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.69	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000261	0.00117	1.89E-09
2061 Feb	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00104	0.00104	0.00000529	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000146	0.000885	0.0292	0.00000397	1.17	1.72	0.0167	0.000181	6.69	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000261	0.00117	1.89E-09
2061 Mar	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00104	0.00104	0.00000529	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000146	0.000885	0.0292	0.00000398	1.17	1.72	0.0167	0.000181	6.69	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000261	0.00117	1.89E-09
2061 Apr	111	0.0237	0.0351	0.00184	17	0.0299	8.02	0.00104	0.00104	0.0000053	0.0043	0.000667	0.0107	0.0122	0.0000053	10.8	0.0000105	0.000146	0.000146	0.000885	0.0292	0.00000398	1.17	1.72	0.0167	0.000181	6.7	0.00134	0.0186	0.000131	0.0000957	0.0000619	0.0594	0.00000211	0.0000723	0.000262	0.00117	1.89E-09
2061 May	111	0.0239	0.0351	0.00184	17.1	0.0299	8.02	0.00105	0.00105	0.0000053	0.00431	0.000671	0.0107	0.0123	0.00000531	10.8	0.0000106	0.000147	0.000147	0.000887	0.0295	0.000004	1.18	1.73	0.0169	0.000182	6.7	0.00134	0.0188	0.000134	0.0000962	0.0000621	0.0598	0.00000211	0.0000724	0.000265	0.00117	1.88E-09
2061 Jun	110	0.024	0.0347	0.00182	16.9	0.0296	7.94	0.00104	0.00104	0.00000526	0.00431	0.000674	0.0106	0.0124	0.00000526	10.9	0.0000106	0.000148	0.000149	0.000882	0.0299	0.00000403	1.17	1.74	0.0174	0.00018	6.65	0.00134	0.019	0.000138	0.0000966	0.0000621	0.0601	0.00000211	0.0000718	0.00027	0.00117	1.85E-09
2061 Jul	110	0.0241	0.0349	0.00183	17	0.0297	7.99	0.00104	0.00104	0.00000529	0.00434	0.000679	0.0107	0.0124	0.0000053	11	0.0000107	0.000149	0.00015	0.000887	0.0301	0.00000406	1.18	1.75	0.0175	0.000182	6.69	0.00134	0.0191	0.000139	0.0000973	0.0000624	0.0605	0.00000211	0.0000722	0.000272	0.00118	1.86E-09
2061 Aug	111	0.0243	0.0351	0.00184	17.1	0.0299	8.03	0.00105	0.00105	0.00000532	0.00436	0.000683	0.0107	0.0125	0.00000533	11	0.0000107	0.00015	0.000151	0.000892	0.0302	0.00000408	1.19	1.76	0.0176	0.000183	6.72	0.00135	0.0192	0.00014	0.0000978	0.0000628	0.0608	0.00000212	0.0000727	0.000273	0.00118	1.87E-09
2061 Sep	111	0.0243	0.0351	0.00184	17.2	0.03	8.04	0.00105	0.00105	0.00000533	0.00437	0.000684	0.0108	0.0125	0.00000533	11.1	0.0000107	0.00015	0.000151	0.000894	0.0303	0.00000409	1.19	1.76	0.0176	0.000183	6.73	0.00135	0.0193	0.00014	0.000098	0.0000629	0.0609	0.00000213	0.0000728	0.000274	0.00119	1.88E-09
2061 Oct	111	0.0244	0.035	0.00183	17.1	0.0299	8.02	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.000151	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.71	0.00135	0.0192	0.000139	0.0000976	0.0000627	0.0608	0.00000212	0.0000726	0.000273	0.00118	1.87E-09
2061 Nov	111	0.0244	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000531	11	0.0000107	0.00015	0.00015	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.7	0.00135	0.0192	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000725	0.000272	0.00118	1.87E-09
2061 Dec	111	0.0244	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000531	11	0.0000107	0.00015	0.00015	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.7	0.00135	0.0192	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000725	0.000272	0.00118	1.87E-09
2062 Jan	111	0.0244	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000531	11	0.0000107	0.00015	0.00015	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.7	0.00135	0.0192	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000725	0.000272	0.00118	1.87E-09
2062 Feb	111	0.0244	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000531	11	0.0000107	0.00015	0.00015	0.000891	0.0302	0.00000408	1.18	1.75	0.0176	0.000183	6.7	0.00135	0.0192	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000725	0.000272	0.00118	1.87E-09
2062 Mar	111	0.0244	0.0349	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000682	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.00015	0.000891	0.0302	0.00000409	1.18	1.75	0.0176	0.000183	6.7	0.00135	0.0193	0.000139	0.0000975	0.0000626	0.0607	0.00000212	0.0000725	0.000272	0.00118	1.87E-09
2062 Apr	111	0.0244	0.035	0.00183	17.1	0.0299	8.01	0.00105	0.00105	0.00000531	0.00436	0.000683	0.0107	0.0125	0.00000532	11	0.0000107	0.00015	0.00015	0.000891	0.0302	0.00000409	1.18	1.75	0.0176	0.000183	6.71	0.00135	0.0193	0.000139	0.0000975	0.0000626	0.0608	0.00000212	0.0000726	0.000273	0.00118	1.87E-09
2062 May	111	0.0244	0.035	0.00184	17.1	0.0299	8.02	0.00105	0.00105	0.00000532	0.00437	0.000683	0.0107	0.0125	0.00000532	11.1	0.0000107	0.00015	0.000151	0.000892	0.0303	0.00000409	1.19	1.76	0.0176	0.000183	6.72	0.00135	0.0193	0.000139	0.0000977	0.0000627	0.0608	0.00000212	0.0000727	0.000273	0.00118	1.87E-09
2062 Jun	110	0.0243	0.0347	0.00182	17	0.0298	7.96	0.00105	0.00105	0.0000053	0.00437	0.000683	0.0107	0.0125	0.0000053	11	0.0000108	0.00015	0.00015	0.000888	0.0303	0.00000412	1.18	1.75	0.0176	0.000182	6.67	0.00134	0.0194	0.000139	0.0000982	0.0000624	0.0607	0.00000211	0.0000723	0.000274	0.00119	1.85E-09
2062 Jul	110	0.0243	0.0346	0.00182	16.9	0.0297	7.93	0.00105	0.00105	0.00000529	0.00439	0.000685	0.0107	0.0125	0.0000053	11	0.0000108	0.000151	0.000151	0.000887	0.0304	0.00000415	1.18	1.75	0.0177	0.000182	6.65	0.00134	0.0196	0.00014	0.0000988	0.0000624	0.0607	0.00000211	0.0000722	0.000276	0.00119	1.84E-09
2062 Aug	110	0.0244	0.0346	0.00182	17	0.0298	7.94	0.00105	0.00105	0.0000053	0.0044	0.000687	0.0107	0.0125	0.00000531	11.1	0.0000108	0.000151	0.000151	0.000889	0.0305	0.00000417	1.18	1.75	0.0177	0.000183	6.66	0.00135	0.0196	0.00014	0.0000989	0.0000625	0.0608	0.00000212	0.0000723	0.000276	0.00119	1.84E-09
2062 Sep	110	0.0244	0.0345	0.00182	16.9	0.0298	7.93	0.00105	0.00105	0.0000053	0.0044	0.000687	0.0107	0.0125	0.0000053	11.1	0.0000108	0.000151	0.000151	0.000887	0.0305	0.00000417	1.18	1.75	0.0176	0.000183	6.65	0.00134	0.0196	0.00014	0.0000986	0.0000624	0.0608	0.00000211	0.0000722	0.000276	0.00119	1.84E-09
2062 Oct	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000525	0.00438	0.000684	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000881	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.58	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2062 Nov	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000684	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000881	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2062 Dec	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000684	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000881	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2063 Jan	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000684	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000881	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2063 Feb	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000684	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000881	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2063 Mar	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00438	0.000684	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000882	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000978	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2063 Apr	108	0.0246	0.0341	0.0018	16.8	0.0296	7.85	0.00104	0.00104	0.00000526	0.00439	0.000685	0.0106	0.0125	0.00000526	11	0.0000108	0.00015	0.00015	0.000882	0.0304	0.00000417	1.17	1.74	0.0176	0.000183	6.59	0.00133	0.0197	0.000139	0.0000979	0.0000619	0.0605	0.00000211	0.0000717	0.000274	0.00118	1.81E-09
2063 May	109	0.0247	0.0341	0.0018	16.8	0.0296	7.86	0.00104	0.00104	0.00000526	0.00439	0.000687	0.0106	0.0125	0.00000527	11.1	0.0000108	0.000151	0.000151	0.000883	0.0305	0.00000419	1.17	1.74	0.0177	0.000183	6.59	0.00133	0.0198	0.00014	0.0000981	0.0000621	0.0607	0.00000211	0.0000718	0.000276	0.00118	1.81E-09
2063 Jun	107	0.0248	0.0334	0.00177	16.6	0.0292	7.73	0.00103	0.00103	0.0000052	0.00438	0.00069	0.0105	0.0126	0.0000052	11.1	0.0000108	0.000152	0.000153	0.000874	0.031	0.00000422	1.17	1.75	0.0183	0.000181	6.5	0.00132	0.02	0.000145	0.0000987	0.0000618	0.061	0.00000207	0.0000709	0.000283	0.00118	1.76E-09
2063 Jul	107	0.0248	0.0334	0.00177	16.6	0.0292	7.72	0.00103	0.00103	0.0000052	0.00439	0.000691	0.0105	0.0126	0.00000521	11.1	0.0000108	0.000152	0.000153	0.000875	0.0311	0.00000424	1.17	1.75	0.0183	0.000181	6.5	0.00132	0.0201	0.000145	0.000099	0.0000618	0.061	0.00000208	0.0000709	0.000284	0.00118	1.76E-09
2063 Aug	107	0.025	0.0336	0.00178	16.7	0.0293	7.77	0.00103	0.00103	0.00000523	0.00442	0.000695	0.0106	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154	0.00088	0.0313	0.00000426	1.17	1.76	0.0184	0.000182	6.54	0.00133	0.0202	0.000146	0.0000996	0.0000622	0.0614	0.00000209	0.0000713	0.000285	0.00119	1.77E-09
2063 Sep	107	0.025	0.0336	0.00178	16.7	0.0294	7.77	0.00103	0.00103	0.00000523	0.00442	0.000696	0.0106	0.0127	0.00000524	11.2	0.0000109	0.000153	0.000154	0.00088	0.0313	0.00000427	1.18	1.76	0.0184	0.000183	6.54	0.00133	0.0203	0.000146	0.0000996	0.0000622	0.0615	0.00000209	0.0000714	0.000285	0.00119	1.77E-09
2063 Oct	107	0.0251	0.0335	0.00177	16.7	0.0294	7.76	0.00103	0.00103	0.00000523	0.00442	0.000696	0.0106	0.0127	0.00000523	11.2	0.0000109	0.000153	0.000154	0.000879	0.0313	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000621	0.0614	0.00000209	0.0000713	0.000285	0.00119	1.77E-09
2063 Nov	107	0.0251	0.0335	0.00177	16.7	0.0294	7.76	0.00103	0.00103	0.00000523	0.00442	0.000696	0.0106	0.0127	0.00000523	11.2	0.0000109	0.000153	0.000154	0.000879	0.0313	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000621	0.0614	0.00000209	0.0000713	0.000285	0.00119	1.77E-09
2063 Dec	107	0.0251	0.0335	0.00177	16.7	0.0294	7.76	0.00103	0.00103	0.00000523	0.00442	0.000696	0.0106	0.0127	0.00000523	11.2	0.0000109	0.000153	0.000154	0.000879	0.0313	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000621	0.0614	0.00000209	0.0000713	0.000285	0.00119	1.77E-09
2064 Jan	107	0.0251	0.0335	0.00177	16.7	0.0294	7.76	0.00103	0.00103	0.00000523	0.00442	0.000696	0.0106	0.0127	0.00000523	11.2	0.0000109	0.000153	0.000154	0.000879	0.0313	0.00000427	1.17	1.76	0.0184	0.000183	6.53	0.00133	0.0203	0.000146	0.0000994	0.0000621	0.0614	0.

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.0000021	0.0000721	0.000332	0.00125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2067 Oct	106	0.0272	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000526	0.00462	0.000743	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167	0.000895	0.0342	0.00000465	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000719	0.000316	0.00123	1.68E-09
2067 Nov	105	0.0273	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000526	0.00462	0.000743	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167	0.000894	0.0342	0.00000466	1.2	1.84	0.0208	0.000189	6.51	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000718	0.000316	0.00123	1.68E-09
2067 Dec	106	0.0273	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000526	0.00462	0.000743	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167	0.000894	0.0342	0.00000466	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000719	0.000316	0.00123	1.68E-09
2068 Jan	106	0.0273	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000526	0.00462	0.000743	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167	0.000894	0.0342	0.00000466	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000719	0.000316	0.00123	1.68E-09
2068 Feb	106	0.0273	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000526	0.00462	0.000743	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167	0.000895	0.0342	0.00000466	1.2	1.84	0.0208	0.000189	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000719	0.000316	0.00123	1.68E-09
2068 Mar	106	0.0273	0.0327	0.00175	16.7	0.0295	7.68	0.00104	0.00104	0.00000527	0.00462	0.000743	0.0106	0.0137	0.00000527	12	0.0000115	0.000164	0.000167	0.000895	0.0342	0.00000466	1.21	1.84	0.0208	0.00019	6.52	0.00134	0.0224	0.000166	0.000105	0.0000639	0.0651	0.0000021	0.0000719	0.000316	0.00123	1.68E-09
2068 Apr	106	0.0273	0.0327	0.00175	16.7	0.0296	7.69	0.00104	0.00104	0.00000527	0.00463	0.000744	0.0106	0.0137	0.00000528	12	0.0000115	0.000164	0.000167	0.000896	0.0343	0.00000466	1.21	1.84	0.0208	0.00019	6.52	0.00134	0.0225	0.000167	0.000105	0.000064	0.0652	0.0000021	0.0000719	0.000316	0.00123	1.68E-09
2068 May	106	0.0274	0.0327	0.00175	16.7	0.0296	7.69	0.00104	0.00104	0.00000528	0.00463	0.000746	0.0106	0.0137	0.00000528	12	0.0000115	0.000164	0.000168	0.000897	0.0344	0.00000468	1.21	1.85	0.021	0.00019	6.53	0.00135	0.0225	0.000168	0.000105	0.0000642	0.0654	0.0000021	0.0000722	0.000318	0.00123	1.68E-09
2068 Jun	104	0.0274	0.0321	0.00172	16.5	0.0291	7.58	0.00103	0.00103	0.00000521	0.00461	0.000747	0.0105	0.0138	0.00000522	12	0.0000115	0.000165	0.00017	0.000888	0.0347	0.00000469	1.2	1.85	0.0215	0.000188	6.45	0.00133	0.0227	0.000172	0.000105	0.0000639	0.0655	0.0000021	0.0000718	0.000323	0.00123	1.64E-09
2068 Jul	104	0.0275	0.0322	0.00172	16.6	0.0292	7.59	0.00103	0.00103	0.00000522	0.00463	0.00075	0.0105	0.0138	0.00000523	12.1	0.0000115	0.000166	0.00017	0.000891	0.0348	0.00000471	1.2	1.85	0.0215	0.000188	6.46	0.00134	0.0228	0.000172	0.000106	0.000064	0.0657	0.0000209	0.0000713	0.000324	0.00123	1.64E-09
2068 Aug	105	0.0277	0.0324	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000754	0.0106	0.0139	0.00000526	12.2	0.0000116	0.000167	0.000171	0.000896	0.0351	0.00000474	1.21	1.86	0.0216	0.000189	6.5	0.00134	0.0229	0.000173	0.000106	0.0000644	0.0661	0.0000021	0.0000717	0.000326	0.00124	1.65E-09
2068 Sep	105	0.0277	0.0324	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000755	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171	0.000896	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0661	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2068 Oct	105	0.0278	0.0324	0.00173	16.7	0.0294	7.63	0.00104	0.00104	0.00000526	0.00466	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171	0.000897	0.0351	0.00000475	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2068 Nov	105	0.0278	0.0324	0.00173	16.7	0.0294	7.64	0.00104	0.00104	0.00000526	0.00467	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171	0.000897	0.0351	0.00000476	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2068 Dec	105	0.0278	0.0324	0.00173	16.7	0.0294	7.64	0.00104	0.00104	0.00000526	0.00467	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171	0.000897	0.0351	0.00000476	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2069 Jan	105	0.0278	0.0324	0.00173	16.7	0.0295	7.64	0.00104	0.00104	0.00000526	0.00467	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171	0.000897	0.0351	0.00000476	1.21	1.86	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2069 Feb	105	0.0278	0.0324	0.00173	16.7	0.0295	7.64	0.00104	0.00104	0.00000526	0.00467	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000171	0.000897	0.0351	0.00000476	1.21	1.87	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2069 Mar	105	0.0278	0.0324	0.00173	16.7	0.0295	7.64	0.00104	0.00104	0.00000526	0.00467	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000172	0.000897	0.0351	0.00000476	1.21	1.87	0.0216	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000644	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2069 Apr	105	0.0278	0.0324	0.00173	16.7	0.0295	7.64	0.00104	0.00104	0.00000526	0.00467	0.000756	0.0106	0.0139	0.00000527	12.2	0.0000116	0.000167	0.000172	0.000897	0.0351	0.00000476	1.21	1.87	0.0217	0.00019	6.5	0.00134	0.023	0.000173	0.000106	0.0000645	0.0662	0.0000021	0.0000718	0.000326	0.00124	1.65E-09
2069 May	105	0.0279	0.0324	0.00174	16.7	0.0295	7.66	0.00104	0.00104	0.00000528	0.00468	0.000758	0.0106	0.014	0.00000528	12.2	0.0000117	0.000167	0.000172	0.000899	0.0352	0.00000477	1.22	1.87	0.0217	0.000191	6.52	0.00135	0.0231	0.000174	0.000106	0.0000646	0.0664	0.0000021	0.000072	0.000327	0.00124	1.65E-09
2069 Jun	104	0.0278	0.0322	0.00173	16.6	0.0293	7.6	0.00104	0.00104	0.00000525	0.00468	0.000758	0.0106	0.014	0.00000526	12.2	0.0000117	0.000167	0.000172	0.000895	0.0353	0.00000479	1.21	1.87	0.0218	0.00019	6.47	0.00134	0.0232	0.000175	0.000107	0.0000644	0.0663	0.0000021	0.0000716	0.000328	0.00124	1.63E-09
2069 Jul	105	0.0279	0.0323	0.00173	16.7	0.0295	7.62	0.00104	0.00104	0.00000528	0.0047	0.000762	0.0106	0.014	0.00000528	12.2	0.0000118	0.000168	0.000173	0.000899	0.0355	0.00000482	1.22	1.87	0.0219	0.00019	6.49	0.00135	0.0233	0.000175	0.000108	0.0000646	0.0666	0.0000021	0.0000719	0.00033	0.00125	1.64E-09
2069 Aug	105	0.028	0.0324	0.00174	16.7	0.0296	7.65	0.00105	0.00105	0.00000529	0.00472	0.000765	0.0107	0.0141	0.0000053	12.3	0.0000118	0.000169	0.000173	0.000902	0.0356	0.00000484	1.22	1.88	0.022	0.000191	6.52	0.00135	0.0234	0.000176	0.000108	0.0000649	0.0668	0.0000021	0.0000722	0.000331	0.00126	1.64E-09
2069 Sep	105	0.028	0.0322	0.00173	16.7	0.0295	7.62	0.00104	0.00104	0.00000528	0.00471	0.000763	0.0106	0.0141	0.00000529	12.3	0.0000118	0.000168	0.000173	0.0009	0.0355	0.00000484	1.22	1.87	0.0219	0.000191	6.5	0.00135	0.0234	0.000175	0.000107	0.0000647	0.0667	0.0000021	0.000072	0.00033	0.00125	1.63E-09
2069 Oct	104	0.0281	0.032	0.00172	16.6	0.0294	7.58	0.00104	0.00104	0.00000525	0.0047	0.000761	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0354	0.00000483	1.21	1.87	0.0218	0.000191	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2069 Nov	104	0.0282	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000525	0.0047	0.000761	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0354	0.00000484	1.21	1.87	0.0218	0.000192	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2069 Dec	104	0.0282	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000525	0.00471	0.000761	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0354	0.00000484	1.21	1.87	0.0218	0.000192	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2070 Jan	104	0.0282	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000525	0.00471	0.000761	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0354	0.00000484	1.21	1.87	0.0218	0.000192	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2070 Feb	104	0.0282	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000525	0.00471	0.000761	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0354	0.00000484	1.21	1.87	0.0218	0.000192	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2070 Mar	104	0.0282	0.032	0.00172	16.6	0.0294	7.57	0.00104	0.00104	0.00000525	0.00471	0.000761	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0354	0.00000484	1.21	1.87	0.0218	0.000192	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2070 Apr	104	0.0282	0.032	0.00172	16.6	0.0294	7.58	0.00104	0.00104	0.00000526	0.00471	0.000762	0.0106	0.014	0.00000526	12.2	0.0000117	0.000168	0.000172	0.000896	0.0355	0.00000484	1.21	1.87	0.0218	0.000192	6.46	0.00134	0.0234	0.000174	0.000107	0.0000643	0.0664	0.0000021	0.0000717	0.000329	0.00125	1.62E-09
2070 May	104	0.0283	0.032	0.00172	16.6	0.0295	7.59	0.00104	0.00104	0.00000526	0.00472	0.000764	0.0106	0.0141	0.00000527	12.3	0.0000118	0.000169	0.000173	0.000898	0.0356	0.00000485	1.21	1.87	0.0219	0.000192	6.47	0.00134	0.0235	0.000176	0.000107	0.0000645	0.0667	0.0000021	0.0000718	0.000331	0.00125	1.62E-09
2070 Jun	103	0.0284	0.0318	0.00171	16.6	0.0293	7.55	0.00104	0.00104	0.00000524	0.00472	0.000767	0.0105	0.0142	0.00000525	12.3	0.0000118	0.000169	0.000175	0.000896	0.0359	0.00000487	1.21	1.88	0.0223	0.000191	6.44	0.00134	0.0237	0.000179	0.000108	0.0000646	0.067	0.0000209	0.0000715	0.000335	0.00125	1.6E-09
2070 Jul	104	0.0285	0.0319	0.00172	16.6	0.0294	7.58	0.00104	0.00104	0.00000527	0.00474	0.000771	0.0106	0.0142	0.00000528	12.4	0.0000119	0.00017	0.000176	0.0009	0.0361	0.0000049	1.22	1.89	0.0224	0.000192	6.47	0.00135	0.0238	0.00018	0.000108	0.0000649	0.0673	0.0000021	0.0000719	0.000336	0.00126	1.61E-09
2070 Aug	104	0.0286	0.032	0.00172	16.7	0.0296	7.61	0.00105	0.00105	0.00000529	0.00476	0.000775	0.0106	0.0143	0.00000529	12.5	0.0000119	0.000171	0.000176	0.000904	0.0363	0.00000493	1.22	1.9	0.0225	0.000193	6.5	0.00135	0.0239	0.00018	0.000109	0.0000651	0.0676	0.0000021	0.0000721	0.000338	0.00126	1.61E-09
2070 Sep	104	0.0287	0.032	0.00172	16.7	0.0295	7.59	0.00104	0.00104	0.00000528	0.00476	0.000774	0.0106	0.0143	0.00000529	12.4	0.0000119	0.000171	0.000176	0.000903	0.0362	0.00000493	1.22	1.89	0.0224	0.000193	6.48	0.00135	0.0239	0.00018	0.000108	0.000065	0.0675	0.0000021	0.0000721	0.000337	0.00126	1.61E-09
2070 Oct	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000773	0.0106	0.0143	0.00000527	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0673	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2070 Nov	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000773	0.0106	0.0143	0.00000527	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0674	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2070 Dec	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000773	0.0106	0.0143	0.00000527	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0674	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2071 Jan	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000773	0.0106	0.0143	0.00000527	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0674	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2071 Feb	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00475	0.000773	0.0106	0.0143	0.00000527	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0674	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2071 Mar	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00476	0.000773	0.0106	0.0143	0.00000528	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000193	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0674	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2071 Apr	104	0.0288	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00476	0.000773	0.0106	0.0143	0.00000528	12.4	0.0000119	0.00017	0.000175	0.000901	0.0362	0.00000492	1.22	1.89	0.0224	0.000194	6.47	0.00135	0.0239	0.000179	0.000108	0.0000648	0.0674	0.0000021	0.0000719	0.000336	0.00126	1.6E-09
2071 May	104	0.0289	0.0318	0.00172	16.6	0.0295	7.57	0.00104	0.00104	0.00000527	0.00476	0.000775	0.0106	0.0143	0.00000528	12.5	0.0000119	0.000171	0.000176	0.000901	0.0363	0.00000493	1.22	1.89	0.0225	0.000194	6.47	0.00135	0.024	0.000181	0.000108	0.0000649	0.0675	0.0000021	0.0000719	0.000338	0.00126	1.6E-09
2071 Jun	103	0.0289	0.0315	0.0017	16.5	0.0292	7.5	0.00103	0.00103	0.00000523	0.00475	0.000776	0.0105	0.0144	0.00000524	12.5	0.0000119	0.000172	0.000178	0.000897	0.0365	0.00000495	1.22	1.89	0.0228	0.000192	6.42	0.00134	0.0241	0.000184	0.000108	0.0000648	0.0677	0.0000021	0.0000714	0.000341	0.00125	1.58E-09
2071 Jul	103	0.029	0.0316	0.0017	16.6	0.0293	7.52	0.00104	0.00104	0.00000525	0.00477	0.000779	0.0105	0.0144	0.00000526	12.5	0.0000119	0.000172	0.000178	0.0009	0.0367	0.00000497	1.22	1.9	0.0229	0.000193	6.44	0.00134	0.0242	0.000184	0.000109	0.000065	0.0679	0.0000021	0.0000716	0.000343	0.00126	1.58E-09
2071 Aug	103	0.0291	0.0317	0.00171	16.6	0.0295	7.55	0.00104	0.00104	0.00000527	0.00479	0.000783	0.0106	0.0145	0.00000528	12.6	0.000012	0.000173	0.000179	0.000904	0.0368	0.000005	1.23	1.91	0.023	0.000194	6.46	0.00135	0.0243	0.000185	0.000109	0.0000653	0.0682	0.0000021	0.000072	0.000344	0.00127	1.59E-09
2071 Sep	103	0.0292	0.0316	0.00171	16.6	0.0294	7.54	0.00104	0.00104	0.00000526	0.00479	0.000782	0.0106	0.0145	0.00000527	12.6	0.000012	0.000173	0.000178	0.000902	0.0368	0.000005	1.22	1.91	0.023	0.000194	6.45	0.00135	0.0243	0.000184	0.000109	0.0000651	0.0681	0.0000021	0.0000718	0.000343	0.00126	1.58E-09
2071 Oct	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000526	0.00478	0.000781	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000718	0.000343	0.00126	1.58E-09
2071 Nov	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000525	0.00478	0.000781	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.58E-09
2071 Dec	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000525	0.00478	0.000781	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000717	0.000342	0.00126	1.58E-09
2072 Jan	103	0.0292	0.0315	0.0017	16.6	0.0294	7.52	0.00104	0.00104	0.00000525	0.00478	0.000781	0.0106	0.0144	0.00000526	12.6	0.0000119	0.000172	0.000178	0.000901	0.0367	0.00000499	1.22	1.9	0.0229	0.000194	6.44	0.00134	0.0243	0.000184	0.000109	0.000065	0.068	0.0000021	0.0000718	0.000342	0.00126	1.

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.0000021	0.0000721	0.000332	0.00125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2075 Oct	101	0.0308	0.0305	0.00167	16.5	0.0294	7.39	0.00104	0.00104	0.00000527	0.00495	0.0008017	0.0106	0.0151	0.00000528	13.1	0.0000124	0.00018	0.0000187	0.0009008	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.0000021	0.0000719	0.000365	0.00129	1.49E-09
2075 Nov	101	0.0309	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000527	0.00495	0.0008017	0.0106	0.0151	0.00000528	13.1	0.0000124	0.0001181	0.0000187	0.0009008	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.0000021	0.0000719	0.000365	0.00129	1.49E-09
2075 Dec	101	0.0309	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000527	0.00495	0.0008017	0.0106	0.0151	0.00000528	13.1	0.0000124	0.0001181	0.0000187	0.0009008	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.0000021	0.0000719	0.000365	0.0013	1.49E-09
2076 Jan	101	0.0309	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000527	0.00495	0.0008017	0.0106	0.0151	0.00000528	13.1	0.0000124	0.0001181	0.0000187	0.0009008	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.0000021	0.0000719	0.000365	0.0013	1.49E-09
2076 Feb	101	0.0309	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000527	0.00496	0.0008017	0.0106	0.0151	0.00000528	13.1	0.0000124	0.0001181	0.0000187	0.0009008	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000719	0.000365	0.0013	1.49E-09
2076 Mar	101	0.0309	0.0305	0.00167	16.5	0.0295	7.39	0.00104	0.00104	0.00000527	0.00496	0.0008017	0.0106	0.0151	0.00000528	13.1	0.0000124	0.0001181	0.0000187	0.0009008	0.039	0.00000533	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000719	0.000365	0.0013	1.49E-09
2076 Apr	101	0.0309	0.0305	0.00167	16.5	0.0295	7.4	0.00104	0.00104	0.00000527	0.00496	0.0008018	0.0106	0.0151	0.00000528	13.1	0.0000124	0.0001181	0.0000187	0.0009009	0.039	0.00000534	1.24	1.96	0.0246	0.000199	6.38	0.00135	0.0262	0.000198	0.000113	0.000066	0.0706	0.00000211	0.0000719	0.000366	0.0013	1.49E-09
2076 May	101	0.031	0.0306	0.00167	16.5	0.0295	7.41	0.00105	0.00105	0.00000528	0.00497	0.00082	0.0106	0.0152	0.00000529	13.1	0.0000125	0.0001181	0.0000188	0.00091	0.0391	0.00000535	1.24	1.96	0.0247	0.0002	6.39	0.00135	0.0263	0.000199	0.000113	0.0000662	0.0709	0.00000211	0.000072	0.000367	0.0013	1.49E-09
2076 Jun	100	0.031	0.0302	0.00165	16.4	0.0292	7.34	0.00104	0.00104	0.00000524	0.00495	0.0008021	0.0105	0.0152	0.00000525	13.2	0.0000124	0.0001182	0.0000189	0.0009006	0.0393	0.00000535	1.24	1.96	0.0251	0.000198	6.34	0.00134	0.0263	0.000202	0.000113	0.0000661	0.071	0.00000209	0.0000715	0.000371	0.00129	1.47E-09
2076 Jul	100	0.0311	0.0303	0.00166	16.4	0.0293	7.36	0.00104	0.00104	0.00000526	0.00497	0.0008024	0.0106	0.0153	0.00000527	13.2	0.0000125	0.0001182	0.00019	0.0009008	0.0395	0.00000538	1.24	1.97	0.0251	0.000199	6.36	0.00135	0.0264	0.000203	0.000114	0.0000663	0.0712	0.0000021	0.0000717	0.000372	0.0013	1.47E-09
2076 Aug	101	0.0312	0.0305	0.00167	16.5	0.0295	7.4	0.00105	0.00105	0.00000529	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009013	0.0397	0.00000541	1.25	1.98	0.0253	0.0002	6.4	0.00136	0.0266	0.000204	0.000115	0.0000667	0.0716	0.00000211	0.0000721	0.000374	0.00131	1.48E-09
2076 Sep	101	0.0313	0.0305	0.00167	16.6	0.0295	7.41	0.00105	0.00105	0.0000053	0.00501	0.00083	0.0106	0.0154	0.0000053	13.3	0.0000126	0.0001184	0.0000191	0.0009015	0.0398	0.00000542	1.25	1.98	0.0253	0.0002001	6.41	0.00136	0.0266	0.000204	0.000115	0.0000668	0.0717	0.00000212	0.0000722	0.000374	0.00131	1.48E-09
2076 Oct	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000528	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009013	0.0397	0.00000541	1.25	1.98	0.0252	0.0002	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0715	0.00000211	0.0000721	0.000373	0.00131	1.47E-09
2076 Nov	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000528	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009012	0.0397	0.00000541	1.25	1.98	0.0252	0.0002001	6.38	0.00135	0.0266	0.000203	0.000114	0.0000665	0.0715	0.00000211	0.0000721	0.000373	0.0013	1.47E-09
2076 Dec	101	0.0313	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000528	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009012	0.0397	0.00000541	1.25	1.98	0.0252	0.0002001	6.39	0.00135	0.0266	0.000203	0.000114	0.0000665	0.0715	0.00000211	0.0000721	0.000373	0.0013	1.47E-09
2077 Jan	101	0.0314	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000528	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009012	0.0397	0.00000541	1.25	1.98	0.0252	0.0002001	6.39	0.00135	0.0266	0.000203	0.000114	0.0000665	0.0715	0.00000211	0.0000721	0.000373	0.0013	1.47E-09
2077 Feb	101	0.0314	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000528	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009012	0.0397	0.00000541	1.25	1.98	0.0252	0.0002001	6.39	0.00135	0.0266	0.000203	0.000114	0.0000665	0.0715	0.00000211	0.0000721	0.000373	0.0013	1.47E-09
2077 Mar	101	0.0314	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000528	0.005	0.0008028	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009013	0.0397	0.00000541	1.25	1.98	0.0252	0.0002001	6.39	0.00135	0.0266	0.000203	0.000114	0.0000665	0.0715	0.00000211	0.0000721	0.000373	0.0013	1.47E-09
2077 Apr	101	0.0314	0.0304	0.00167	16.5	0.0295	7.39	0.00105	0.00105	0.00000529	0.005	0.0008029	0.0106	0.0153	0.00000529	13.3	0.0000126	0.0001183	0.0000191	0.0009013	0.0397	0.00000541	1.25	1.98	0.0252	0.0002001	6.39	0.00135	0.0266	0.000203	0.000114	0.0000666	0.0716	0.00000211	0.0000721	0.000373	0.00131	1.47E-09
2077 May	101	0.0314	0.0304	0.00167	16.5	0.0295	7.4	0.00105	0.00105	0.00000529	0.00501	0.00083	0.0106	0.0154	0.0000053	13.3	0.0000126	0.0001184	0.0000191	0.0009014	0.0398	0.00000542	1.25	1.98	0.0254	0.0002001	6.39	0.00136	0.0267	0.000204	0.000115	0.0000667	0.0718	0.00000211	0.0000722	0.000375	0.00131	1.47E-09
2077 Jun	99.9	0.0314	0.0301	0.00165	16.4	0.0293	7.34	0.00104	0.00104	0.00000525	0.00499	0.0008031	0.0105	0.0154	0.00000526	13.3	0.0000126	0.0001184	0.0000192	0.000909	0.04	0.00000543	1.25	1.98	0.0256	0.000199	6.35	0.00135	0.0267	0.000207	0.000115	0.0000665	0.0718	0.00000211	0.0000717	0.000378	0.0013	1.45E-09
2077 Jul	100	0.0316	0.0302	0.00166	16.5	0.0294	7.37	0.00105	0.00105	0.00000528	0.00502	0.0008035	0.0106	0.0155	0.00000529	13.4	0.0000126	0.0001185	0.0000193	0.0009014	0.0402	0.00000546	1.25	1.99	0.0258	0.0002	6.38	0.00136	0.0269	0.000208	0.000115	0.0000669	0.0722	0.00000211	0.000072	0.00038	0.00131	1.46E-09
2077 Aug	101	0.0317	0.0304	0.00167	16.6	0.0296	7.41	0.00105	0.00105	0.00000531	0.00505	0.00084	0.0106	0.0156	0.00000531	13.5	0.0000127	0.0001186	0.0000194	0.0009018	0.0404	0.00000549	1.26	2	0.0259	0.0002001	6.41	0.00136	0.0271	0.000209	0.000116	0.0000672	0.0726	0.00000212	0.0000724	0.000382	0.00132	1.46E-09
2077 Sep	100	0.0317	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	2	0.0258	0.0002001	6.38	0.00136	0.027	0.000208	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.46E-09
2077 Oct	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000528	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	1.99	0.0257	0.0002002	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.000379	0.00131	1.45E-09
2077 Nov	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	1.99	0.0257	0.0002002	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.45E-09
2077 Dec	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	1.99	0.0257	0.0002002	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.45E-09
2078 Jan	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	1.99	0.0257	0.0002002	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.45E-09
2078 Feb	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	2	0.0257	0.0002002	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.45E-09
2078 Mar	100	0.0318	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00503	0.0008037	0.0106	0.0155	0.00000529	13.4	0.0000127	0.0001185	0.0000193	0.0009015	0.0403	0.00000548	1.25	2	0.0257	0.0002002	6.38	0.00136	0.027	0.000207	0.000115	0.0000669	0.0723	0.00000211	0.0000721	0.00038	0.00131	1.45E-09
2078 Apr	100	0.0318	0.0302	0.00166	16.5	0.0295	7.38	0.00105	0.00105	0.00000529	0.00504	0.0008038	0.0106	0.0155	0.0000053	13.4	0.0000127	0.0001185	0.0000194	0.0009016	0.0403	0.00000549	1.26	2	0.0258	0.0002002	6.39	0.00136	0.0271	0.000208	0.000115	0.000067	0.0723	0.00000211	0.0000722	0.00038	0.00131	1.46E-09
2078 May	100	0.032	0.0302	0.00166	16.5	0.0295	7.37	0.00105	0.00105	0.00000529	0.00504	0.0008042	0.0106	0.0156	0.00000529	13.5	0.0000127	0.0001187	0.0000195	0.0009017	0.0406	0.00000551	1.26	2.01	0.0261	0.0002002	6.38	0.00136	0.0272	0.000211	0.000116	0.0000672	0.0728	0.00000211	0.0000722	0.000384	0.00131	1.45E-09
2078 Jun	99.5	0.032	0.0299	0.00164	16.4	0.0292	7.31	0.00104	0.00104	0.00000525	0.00503	0.0008043	0.0105	0.0157	0.00000526	13.6	0.0000127	0.0001187	0.0000197	0.0009012	0.0408	0.00000551	1.25	2.01	0.0264	0.0002001	6.34	0.00135	0.0272	0.000213	0.000116	0.0000671	0.0729	0.0000021	0.0000717	0.000387	0.00131	1.43E-09
2078 Jul	100	0.0322	0.03	0.00165	16.5	0.0294	7.35	0.00105	0.00105	0.00000528	0.00506	0.0008048	0.0106	0.0158	0.00000529	13.6	0.0000128	0.0001188	0.0000198	0.0009018	0.0411	0.00000554	1.26	2.02	0.0266	0.0002002	6.38	0.00136	0.0274	0.000215	0.000117	0.0000675	0.0733	0.00000211	0.0000721	0.000389	0.00132	1.43E-09
2078 Aug	100	0.0323	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00507	0.0008051	0.0106	0.0158	0.0000053	13.7	0.0000128	0.0001189	0.0000198	0.00092	0.0412	0.00000557	1.27	2.03	0.0266	0.0002002	6.4	0.00136	0.0275	0.000215	0.000117	0.0000677	0.0735	0.00000212	0.0000723	0.00039	0.00132	1.44E-09
2078 Sep	100	0.0323	0.0301	0.00166	16.6	0.0295	7.38	0.00105	0.00105	0.0000053	0.00508	0.0008052	0.0106	0.0159	0.00000531	13.7	0.0000128	0.0001189	0.0000198	0.0009022	0.0412	0.00000558	1.27	2.03	0.0267	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000724	0.00039	0.00132	1.44E-09
2078 Oct	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008051	0.0106	0.0158	0.0000053	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000557	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0275	0.000215	0.000117	0.0000676	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.44E-09
2078 Nov	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008051	0.0106	0.0158	0.0000053	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000557	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000676	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.44E-09
2078 Dec	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008051	0.0106	0.0158	0.0000053	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000557	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000676	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.44E-09
2079 Jan	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008051	0.0106	0.0158	0.0000053	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000557	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000676	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.44E-09
2079 Feb	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008051	0.0106	0.0158	0.0000053	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000557	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000676	0.0736	0.00000212	0.0000723	0.00039	0.00132	1.44E-09
2079 Mar	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008051	0.0106	0.0158	0.00000531	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000557	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000676	0.0736	0.00000212	0.0000724	0.00039	0.00132	1.44E-09
2079 Apr	100	0.0324	0.0301	0.00165	16.6	0.0295	7.37	0.00105	0.00105	0.0000053	0.00508	0.0008052	0.0106	0.0159	0.00000531	13.7	0.0000128	0.0001189	0.0000198	0.0009021	0.0412	0.00000558	1.27	2.03	0.0266	0.0002003	6.4	0.00136	0.0276	0.000215	0.000117	0.0000677	0.0736	0.00000212	0.0000724	0.00039	0.00132	1.44E-09
2079 May	100	0.0324	0.0302	0.00166	16.6	0.0296	7.39	0.00105	0.00105	0.00000531	0.00509	0.0008053	0.0106	0.0159	0.00000532	13.7	0.0000128	0.0001189	0.0000199	0.0009023	0.0413	0.00000559	1.27	2.03	0.0267	0.0002004	6.41	0.00137	0.0276	0.000216	0.000117	0.0000678	0.0737	0.00000212	0.0000725	0.000391	0.00133	1.44E-09
2079 Jun	99.4	0.0323	0.0298	0.00164	16.5	0.0293	7.31	0.00104	0.00104	0.00000527	0.00508	0.0008051	0.0106	0.0158	0.00000528	13.7	0.0000128	0.0001189	0.0000199	0.0009016	0.0413	0.00000559	1.26	2.02	0.0268	0.0002002	6.35	0.00136	0.0276	0.000216	0.000117	0.0000674	0.0735	0.00000211	0.0000719	0.000392	0.00132	1.41E-09
2079 Jul	99.3	0.0323	0.0298	0.00164	16.4	0.0293	7.3	0.00104	0.00104	0.00000528	0.00509	0.0008053	0.0106	0.0159	0.00000528	13.7	0.0000129	0.0001189	0.0000199	0.0009017	0.0414	0.00000561	1.26	2.02	0.0268	0.0002002	6.35	0.00136	0.0277	0.000216	0.000118	0.0000675	0.0736	0.00000211	0.0000719	0.000393	0.00133	1.41E-09
2079 Aug	99.8	0.0324	0.0299	0.00165	16.5	0.0295	7.33	0.00105	0.00105	0.0000053	0.00511	0.0008057	0.0106	0.0159	0.00000531	13.7	0.0000129	0.00019	0.0002	0.0009021	0.0416	0.00000564	1.27	2.03	0.0269	0.0002003	6.38	0.00136	0.0279	0.000217	0.000118	0.0000678	0.0739	0.00000212	0.0000723	0.000394	0.00133	1.42E-09
2079 Sep	99.6	0.0325	0.0298	0.00164	16.5	0.0294	7.32	0.00105	0.00105	0.00000529	0.00511	0.0008056	0.0106	0.0159	0.0000053	13.7	0.0000129	0.00019	0.0001199	0.00092	0.0415	0.00000564	1.27	2.03	0.0268	0.0002003	6.36	0.00136	0.0279	0.000217	0.000118	0.0000676	0.0738	0.00000211	0.0000722	0.000394	0.00133	1.41E-09
2079 Oct	99.4	0.0325	0.0297	0.00164	16.5	0.0294	7.31	0.00105	0.00105	0.00000529	0.0051	0.0008055	0.0106	0.0159	0.00000529	13.7	0.0000129	0.00019	0.0001199	0.0009018	0.0415	0.00000563	1.26	2.03	0.0268	0.0002003	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.0000721	0.000393	0.00133	1.41E-09
2079 Nov	99.3	0.0325	0.0297	0.00164	16.5	0.0294	7.3	0.00105	0.00105	0.00000528	0.0051	0.0008055	0.0106	0.0159	0.00000529	13.7	0.0000129	0.0001189	0.0001199	0.0009018	0.0415	0.00000563	1.26	2.02	0.0268	0.0002003	6.35	0.00136	0.0279	0.000216	0.000117	0.0000675	0.0737	0.00000211	0.0000721	0.000393	0.00133	1.41E-09
2079 Dec	99.2	0.0326	0.0297	0.00164	16.4	0.0294	7.3	0.00105	0.00105	0.00000528	0.0051	0.0008055	0.0106	0.0159	0.00000529	13.7	0.0000129	0.0001189	0.0001199	0.0009018	0.0415	0.00000563	1.26	2.02	0.0268	0.0002003	6.35	0.00136	0.0279	0.000216	0.000117	0.0000674	0.0737	0.00000211	0.0000721	0.000392	0.00133	1.41E-09

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.0000021	0.0000721	0.000332	0.000125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
2083 Oct	97.2	0.0337	0.0288	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000882	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204	0.000921	0.0431	0.00000592	1.27	2.06	0.0279	0.000206	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.000072	0.00041	0.00136	1.33E-09
2083 Nov	97.1	0.0337	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.00000529	14.1	0.0000133	0.000195	0.000204	0.00092	0.0431	0.00000592	1.27	2.05	0.0278	0.000207	6.26	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.33E-09
2083 Dec	97.1	0.0337	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.00000529	14.1	0.0000133	0.000195	0.000204	0.00092	0.0431	0.00000592	1.27	2.05	0.0278	0.000207	6.26	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.33E-09
2084 Jan	97.1	0.0337	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.00000529	14.1	0.0000133	0.000195	0.000204	0.00092	0.0431	0.00000592	1.27	2.05	0.0278	0.000207	6.26	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.33E-09
2084 Feb	97.1	0.0337	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.00000529	14.1	0.0000133	0.000195	0.000204	0.00092	0.0431	0.00000592	1.27	2.05	0.0278	0.000207	6.26	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.0000719	0.000409	0.00136	1.33E-09
2084 Mar	97.1	0.0337	0.0287	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000881	0.0106	0.0163	0.00000529	14.1	0.0000133	0.000195	0.000204	0.00092	0.0431	0.00000592	1.27	2.05	0.0278	0.000207	6.26	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.000072	0.000409	0.00136	1.33E-09
2084 Apr	97.1	0.0337	0.0288	0.00161	16.3	0.0294	7.16	0.00105	0.00105	0.00000529	0.00525	0.000882	0.0106	0.0163	0.0000053	14.1	0.0000133	0.000195	0.000204	0.000921	0.0431	0.00000592	1.27	2.06	0.0279	0.000207	6.27	0.00136	0.0294	0.000225	0.000121	0.0000679	0.0753	0.00000211	0.000072	0.00041	0.00136	1.33E-09
2084 May	97.2	0.0339	0.0288	0.00161	16.3	0.0294	7.17	0.00105	0.00105	0.0000053	0.00526	0.000886	0.0106	0.0164	0.0000053	14.1	0.0000133	0.000196	0.000206	0.000923	0.0434	0.00000594	1.28	2.07	0.0281	0.000207	6.28	0.00136	0.0295	0.000227	0.000122	0.0000682	0.0757	0.00000212	0.0000721	0.000413	0.00136	1.33E-09
2084 Jun	96.4	0.0338	0.0285	0.00159	16.2	0.0292	7.11	0.00104	0.00104	0.00000526	0.00524	0.000885	0.0105	0.0165	0.00000526	14.1	0.0000133	0.000196	0.000207	0.000918	0.0435	0.00000594	1.27	2.06	0.0283	0.000206	6.24	0.00135	0.0295	0.000229	0.000121	0.000068	0.0757	0.00000211	0.0000716	0.000415	0.00135	1.31E-09
2084 Jul	96.8	0.034	0.0286	0.0016	16.3	0.0293	7.14	0.00105	0.00105	0.00000528	0.00527	0.000889	0.0106	0.0165	0.00000529	14.2	0.0000134	0.000197	0.000207	0.000922	0.0437	0.00000597	1.28	2.07	0.0285	0.000206	6.26	0.00136	0.0297	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.0000719	0.000417	0.00136	1.31E-09
2084 Aug	97.1	0.0341	0.0287	0.00161	16.3	0.0294	7.17	0.00105	0.00105	0.0000053	0.00529	0.000893	0.0106	0.0166	0.00000531	14.3	0.0000134	0.000198	0.000208	0.000926	0.0438	0.00000599	1.28	2.08	0.0286	0.000207	6.29	0.00136	0.0298	0.000231	0.000122	0.0000686	0.0763	0.00000212	0.0000722	0.000418	0.00137	1.32E-09
2084 Sep	97.1	0.0341	0.0287	0.0016	16.3	0.0294	7.16	0.00105	0.00105	0.0000053	0.00529	0.000893	0.0106	0.0166	0.00000531	14.3	0.0000134	0.000198	0.000208	0.000925	0.0438	0.00000599	1.28	2.08	0.0285	0.000208	6.28	0.00136	0.0298	0.000231	0.000122	0.0000685	0.0763	0.00000212	0.0000722	0.000418	0.00137	1.32E-09
2084 Oct	96.8	0.0341	0.0286	0.0016	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.0000053	14.2	0.0000134	0.000198	0.000208	0.000924	0.0437	0.00000599	1.28	2.08	0.0285	0.000208	6.27	0.00136	0.0298	0.00023	0.000122	0.0000684	0.0762	0.00000211	0.0000721	0.000417	0.00136	1.31E-09
2084 Nov	96.8	0.0342	0.0286	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.00000529	14.2	0.0000134	0.000197	0.000207	0.000923	0.0437	0.00000599	1.28	2.07	0.0284	0.000208	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.000072	0.000416	0.00136	1.31E-09
2084 Dec	96.8	0.0342	0.0286	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.00000529	14.2	0.0000134	0.000197	0.000207	0.000924	0.0437	0.00000599	1.28	2.07	0.0284	0.000208	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.000072	0.000416	0.00136	1.31E-09
2085 Jan	96.8	0.0342	0.0286	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.00000529	14.2	0.0000134	0.000197	0.000207	0.000924	0.0437	0.00000599	1.28	2.07	0.0284	0.000208	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.000072	0.000416	0.00136	1.31E-09
2085 Feb	96.8	0.0342	0.0286	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.00000529	14.2	0.0000134	0.000197	0.000207	0.000924	0.0437	0.00000599	1.28	2.07	0.0285	0.000208	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.000072	0.000416	0.00136	1.31E-09
2085 Mar	96.8	0.0342	0.0286	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.00000529	14.2	0.0000134	0.000197	0.000207	0.000924	0.0437	0.00000599	1.28	2.08	0.0285	0.000208	6.26	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0761	0.00000211	0.000072	0.000416	0.00136	1.31E-09
2085 Apr	96.8	0.0342	0.0286	0.0016	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00528	0.000891	0.0106	0.0166	0.0000053	14.2	0.0000134	0.000198	0.000208	0.000924	0.0437	0.00000599	1.28	2.08	0.0285	0.000208	6.27	0.00136	0.0298	0.00023	0.000122	0.0000683	0.0762	0.00000211	0.0000721	0.000417	0.00136	1.31E-09
2085 May	96.9	0.0343	0.0286	0.0016	16.3	0.0294	7.15	0.00105	0.00105	0.00000529	0.00529	0.000894	0.0106	0.0166	0.0000053	14.3	0.0000134	0.000198	0.000209	0.000925	0.0439	0.000006	1.28	2.08	0.0287	0.000208	6.27	0.00136	0.0299	0.000232	0.000122	0.0000685	0.0765	0.00000211	0.0000721	0.000419	0.00136	1.31E-09
2085 Jun	96.6	0.0343	0.0285	0.00159	16.3	0.0293	7.13	0.00105	0.00105	0.00000528	0.00529	0.000896	0.0106	0.0167	0.00000529	14.3	0.0000134	0.000199	0.00021	0.000925	0.0441	0.00000601	1.28	2.09	0.0289	0.000208	6.26	0.00136	0.0299	0.000234	0.000123	0.0000686	0.0767	0.00000211	0.000072	0.000421	0.00136	1.3E-09
2085 Jul	97.1	0.0345	0.0286	0.0016	16.4	0.0295	7.17	0.00105	0.00105	0.00000531	0.00531	0.000901	0.0106	0.0168	0.00000532	14.4	0.0000135	0.0002	0.000211	0.000929	0.0443	0.00000604	1.29	2.1	0.029	0.000209	6.29	0.00137	0.0301	0.000235	0.000123	0.000069	0.0771	0.00000212	0.0000724	0.000423	0.00137	1.31E-09
2085 Aug	97.2	0.0345	0.0286	0.0016	16.4	0.0295	7.17	0.00105	0.00105	0.00000532	0.00532	0.000902	0.0106	0.0168	0.00000532	14.4	0.0000135	0.0002	0.000211	0.000931	0.0444	0.00000606	1.29	2.1	0.0291	0.000209	6.3	0.00137	0.0302	0.000235	0.000123	0.000069	0.0772	0.00000212	0.0000724	0.000424	0.00137	1.31E-09
2085 Sep	96.9	0.0346	0.0286	0.0016	16.4	0.0295	7.16	0.00105	0.00105	0.00000531	0.00532	0.000901	0.0106	0.0168	0.00000531	14.4	0.0000135	0.0002	0.000211	0.000929	0.0443	0.00000605	1.29	2.1	0.029	0.000209	6.29	0.00137	0.0301	0.000234	0.000123	0.0000689	0.077	0.00000212	0.0000723	0.000422	0.00137	1.3E-09
2085 Oct	96.7	0.0346	0.0285	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.0000053	0.00531	0.0009	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000927	0.0442	0.00000605	1.28	2.09	0.0289	0.000209	6.27	0.00136	0.0301	0.000234	0.000123	0.0000687	0.0769	0.00000212	0.0000722	0.000421	0.00137	1.3E-09
2085 Nov	96.5	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000233	0.000122	0.0000686	0.0768	0.00000211	0.0000721	0.000421	0.00137	1.3E-09
2085 Dec	96.5	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000233	0.000122	0.0000686	0.0768	0.00000211	0.0000721	0.000421	0.00137	1.3E-09
2086 Jan	96.5	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000233	0.000122	0.0000686	0.0768	0.00000211	0.0000721	0.000421	0.00137	1.3E-09
2086 Feb	96.5	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.26	0.00136	0.0301	0.000233	0.000122	0.0000686	0.0768	0.00000211	0.0000721	0.000421	0.00137	1.3E-09
2086 Mar	96.5	0.0346	0.0284	0.00159	16.3	0.0294	7.13	0.00105	0.00105	0.00000529	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000926	0.0442	0.00000604	1.28	2.09	0.0289	0.000209	6.27	0.00136	0.0301	0.000234	0.000122	0.0000686	0.0768	0.00000211	0.0000721	0.000421	0.00137	1.3E-09
2086 Apr	96.6	0.0346	0.0284	0.0016	16.3	0.0294	7.14	0.00105	0.00105	0.0000053	0.00531	0.000899	0.0106	0.0167	0.0000053	14.4	0.0000134	0.000199	0.00021	0.000927	0.0442	0.00000605	1.28	2.09	0.0289	0.000209	6.27	0.00136	0.0301	0.000234	0.000122	0.0000687	0.0768	0.00000212	0.0000722	0.000421	0.00137	1.3E-09
2086 May	96.8	0.0347	0.0285	0.0016	16.3	0.0295	7.15	0.00105	0.00105	0.0000053	0.00532	0.000902	0.0106	0.0168	0.00000531	14.4	0.0000135	0.0002	0.000211	0.000929	0.0444	0.00000606	1.29	2.1	0.029	0.00021	6.28	0.00136	0.0302	0.000235	0.000123	0.0000688	0.077	0.00000212	0.0000723	0.000423	0.00137	1.3E-09
2086 Jun	95.9	0.0346	0.0282	0.00158	16.2	0.0292	7.09	0.00104	0.00104	0.00000527	0.00531	0.000901	0.0105	0.0168	0.00000528	14.4	0.0000135	0.0002	0.000211	0.000924	0.0445	0.00000606	1.28	2.09	0.0292	0.000208	6.23	0.00136	0.0302	0.000237	0.000123	0.0000686	0.0771	0.0000021	0.0000718	0.000425	0.00137	1.28E-09
2086 Jul	96.1	0.0348	0.0282	0.00159	16.3	0.0293	7.11	0.00105	0.00105	0.00000529	0.00533	0.000905	0.0106	0.0169	0.0000053	14.5	0.0000135	0.000201	0.000212	0.000927	0.0447	0.0000061	1.29	2.1	0.0293	0.000209	6.25	0.00136	0.0304	0.000237	0.000124	0.0000689	0.0773	0.00000211	0.0000727	0.000427	0.00137	1.28E-09
2086 Aug	96.4	0.0349	0.0283	0.00159	16.3	0.0294	7.12	0.00105	0.00105	0.00000531	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000213	0.00093	0.0448	0.00000612	1.29	2.11	0.0294	0.00021	6.27	0.00137	0.0305	0.000238	0.000124	0.0000691	0.0776	0.00000212	0.0000723	0.000428	0.00138	1.28E-09
2086 Sep	96.2	0.0349	0.0283	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2086 Oct	96.2	0.0349	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.0000053	0.00534	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000135	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.1	0.0293	0.00021	6.26	0.00136	0.0305	0.000237	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2086 Nov	96.2	0.0349	0.0282	0.00159	16.3	0.0295	7.11	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000237	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2086 Dec	96.2	0.0349	0.0283	0.00159	16.3	0.0295	7.11	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000237	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2087 Jan	96.2	0.0349	0.0283	0.00159	16.3	0.0295	7.11	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000237	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2087 Feb	96.2	0.0349	0.0283	0.00159	16.3	0.0295	7.11	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000237	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2087 Mar	96.2	0.0349	0.0283	0.00159	16.3	0.0295	7.12	0.00105	0.00105	0.0000053	0.00535	0.000908	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000612	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000237	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2087 Apr	96.3	0.035	0.0283	0.00159	16.3	0.0295	7.12	0.00105	0.00105	0.0000053	0.00535	0.000909	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000201	0.000212	0.000929	0.0448	0.00000613	1.29	2.11	0.0293	0.00021	6.26	0.00136	0.0305	0.000238	0.000124	0.000069	0.0775	0.00000212	0.0000722	0.000427	0.00138	1.28E-09
2087 May	96.3	0.035	0.0283	0.00159	16.3	0.0295	7.12	0.00105	0.00105	0.0000053	0.00535	0.00091	0.0106	0.0169	0.00000531	14.5	0.0000136	0.000202	0.000213	0.00093	0.0449	0.00000613	1.29	2.11	0.0295	0.00021	6.27	0.00137	0.0306	0.000239	0.000124	0.0000691	0.0777	0.00000212	0.0000723	0.000429	0.00138	1.28E-09
2087 Jun	95.8	0.0351	0.0281	0.00158	16.3	0.0293	7.09	0.00105	0.00105	0.00000529	0.00535	0.000912	0.0106	0.017	0.00000529	14.6	0.0000136	0.000202	0.000214	0.000928	0.0451	0.00000614	1.29	2.11	0.0297	0.000209	6.24	0.00136	0.0307	0.000241	0.000124	0.0000691	0.0779	0.00000211	0.000072	0.000431	0.00138	1.27E-09
2087 Jul	96.1	0.0352	0.0282	0.00159	16.3	0.0294	7.11	0.00105	0.00105	0.00000531	0.00537	0.000915	0.0106	0.0171	0.00000531	14.6	0.0000136	0.000203	0.000215	0.000932	0.0453	0.00000617	1.3	2.12	0.0298	0.00021	6.27	0.00137	0.0308	0.000242	0.000125	0.0000694	0.0782	0.00000212	0.0000723	0.000433	0.00138	1.27E-09
2087 Aug	96.5	0.0353	0.0283	0.00159	16.4	0.0296	7.14	0.00106	0.00106	0.00000533	0.00539	0.00092	0.0107	0.0171	0.00000534	14.7	0.0000137	0.000204	0.000216	0.000936	0.0455	0.0000062	1.3	2.13	0.03	0.000211	6.29	0.00137	0.0309	0.000243	0.000125	0.0000697	0.0785	0.00000213	0.0000726	0.000435	0.00139	1.28E-09
2087 Sep	96.7	0.0354	0.0284	0.0016	16.4	0.0296	7.16	0.00106	0.00106	0.00000534	0.0054	0.000922	0.0107	0.0172	0.00000535	14.7	0.0000137	0.000204	0.000216	0.000938	0.0456	0.00000621	1.3	2.14	0.03	0.000212	6.31	0.00138	0.031	0.000243	0.000125	0.0000698	0.0787	0.00000213	0.0000728	0.000436	0.00139	1.28E-09
2087 Oct	96.6	0.0355	0.0283	0.00159	16.4	0.0296	7.15	0.00106	0.00106	0.00000534	0.0054	0.000921	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216	0.000937	0.0456	0.00000621	1.3	2.13	0.03	0.000212	6.3	0.00138	0.031	0.000243	0.000125	0.0000698	0.0786	0.00000213	0.0000727	0.000435	0.00139	1.28E-09
2087 Nov	96.6	0.0355	0.0283	0.00159	16.4	0.0296	7.15	0.00106	0.00106	0.00000534	0.0054	0.000921	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216	0.000937	0.0456	0.00000621	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000727	0.000435	0.00139	1.27E-09
2087 Dec	96.6	0.0355	0.0283	0.00159	16.4	0.0296	7.15	0.00106	0.00106	0.00000534	0.0054	0.000921	0.0107	0.0172	0.00000534	14.7	0.0000137	0.000204	0.000216	0.000937	0.0456	0.00000621	1.3	2.13	0.03	0.000212	6.3	0.00137	0.031	0.000243	0.000125	0.0000697	0.0786	0.00000213	0.0000727	0.000435	0.00139	1.27E-09
2088 Jan	96.6	0.0355	0.0283	0.00159	16.4	0.0296	7.15	0.00106	0.00106	0.00000534	0.0054	0.000921	0.0107	0.0172	0.00000534	14.7

Appendix D.3-1: WN Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	94.2	0.0176	0.0267	0.00154	16.2	0.029	7.02	0.000998	0.000998	0.00000507	0.00332	0.00049	0.0103	0.00912	0.00000508	8.35	0.00000764	0.000106	0.000107	0.00084	0.0185	0.00000214	1.08	1.48	0.00929	0.000161	6.23	0.00129	0.00923	0.0000714	0.0000676	0.0000568	0.0479	0.00000202	0.00007	0.000146	0.00094	1.1E-09
Post Closure (2044-2099): Mean	104	0.0287	0.0321	0.00173	16.7	0.0296	7.63	0.00104	0.00104	0.00000527	0.00472	0.000768	0.0106	0.0142	0.00000528	12.4	0.0000117	0.000169	0.000175	0.000902	0.0358	0.00000485	1.22	1.89	0.0222	0.000194	6.5	0.00135	0.0236	0.000178	0.000107	0.0000648	0.0672	0.0000021	0.0000721	0.0000332	0.00125	1.62E-09
Post Closure (2044-2099): Max	121	0.0414	0.0398	0.00197	17.7	0.0306	8.68	0.00109	0.00109	0.0000055	0.00588	0.00104	0.011	0.0196	0.00000551	16.7	0.000015	0.000231	0.000251	0.000987	0.0528	0.00000708	1.39	2.36	0.0361	0.000232	7	0.00143	0.036	0.000293	0.000136	0.0000749	0.0885	0.0000022	0.0000753	0.000509	0.00148	2.3E-09
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2091 Oct	95.7	0.0372	0.0277	0.00158	16.5	0.0299	7.11	0.00107	0.00107	0.00000538	0.00556	0.000956	0.0107	0.0178	0.00000539	15.3	0.0000141	0.000212	0.000225	0.00095	0.0477	0.00000651	1.33	2.19	0.0316	0.000218	6.3	0.00139	0.0326	0.000256	0.000129	0.0000711	0.0813	0.00000215	0.0000733	0.000455	0.00142	1.22E-09
2091 Nov	95.4	0.0372	0.0277	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000955	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000212	0.000225	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00139	0.0326	0.000255	0.000128	0.0000709	0.0812	0.00000215	0.0000732	0.000454	0.00142	1.21E-09
2091 Dec	95.4	0.0372	0.0277	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000955	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000212	0.000225	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00139	0.0326	0.000255	0.000128	0.0000709	0.0812	0.00000215	0.0000732	0.000454	0.00142	1.21E-09
2092 Jan	95.4	0.0372	0.0277	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000955	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000212	0.000225	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00139	0.0326	0.000255	0.000128	0.0000709	0.0812	0.00000215	0.0000732	0.000454	0.00142	1.21E-09
2092 Feb	95.5	0.0372	0.0277	0.00157	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000955	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000212	0.000225	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00139	0.0326	0.000255	0.000128	0.0000709	0.0812	0.00000215	0.0000732	0.000455	0.00142	1.21E-09
2092 Mar	95.5	0.0372	0.0277	0.00158	16.4	0.0299	7.09	0.00107	0.00107	0.00000537	0.00556	0.000955	0.0107	0.0178	0.00000538	15.2	0.0000141	0.000212	0.000225	0.000949	0.0476	0.0000065	1.32	2.19	0.0315	0.000218	6.29	0.00139	0.0326	0.000255	0.000128	0.0000709	0.0812	0.00000215	0.0000732	0.000455	0.00142	1.21E-09
2092 Apr	95.5	0.0373	0.0277	0.00158	16.5	0.0299	7.1	0.00107	0.00107	0.00000538	0.00556	0.000956	0.0107	0.0178	0.00000538	15.3	0.0000141	0.000212	0.000225	0.000949	0.0476	0.00000651	1.32	2.19	0.0315	0.000219	6.29	0.00139	0.0326	0.000256	0.000128	0.000071	0.0812	0.00000215	0.0000733	0.000455	0.00142	1.21E-09
2092 May	95.6	0.0374	0.0277	0.00158	16.5	0.0299	7.11	0.00107	0.00107	0.00000538	0.00557	0.000958	0.0108	0.0179	0.00000539	15.3	0.0000141	0.000212	0.000226	0.000951	0.0478	0.00000652	1.33	2.2	0.0317	0.000219	6.3	0.00139	0.0327	0.000257	0.000129	0.0000711	0.0815	0.00000215	0.0000734	0.000457	0.00142	1.21E-09
2092 Jun	94.4	0.0372	0.0273	0.00155	16.3	0.0295	7.02	0.00106	0.00106	0.00000532	0.00553	0.000956	0.0106	0.0179	0.00000533	15.3	0.0000141	0.000212	0.000227	0.000943	0.0478	0.0000065	1.32	2.19	0.0319	0.000217	6.24	0.00138	0.0327	0.000259	0.000128	0.0000708	0.0814	0.00000213	0.0000726	0.000459	0.00141	1.19E-09
2092 Jul	94.4	0.0372	0.0273	0.00156	16.3	0.0296	7.02	0.00106	0.00106	0.00000533	0.00554	0.000957	0.0106	0.0179	0.00000534	15.3	0.0000141	0.000212	0.000227	0.000944	0.0479	0.00000651	1.32	2.19	0.0319	0.000217	6.24	0.00138	0.0327	0.000259	0.000129	0.0000708	0.0814	0.00000213	0.0000727	0.000459	0.00142	1.18E-09
2092 Aug	94.9	0.0374	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228	0.000949	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.000261	0.000129	0.0000712	0.0818	0.00000214	0.000073	0.000462	0.00142	1.19E-09
2092 Sep	94.9	0.0375	0.0274	0.00156	16.4	0.0297	7.06	0.00106	0.00106	0.00000536	0.00558	0.000963	0.0107	0.018	0.00000536	15.4	0.0000142	0.000214	0.000228	0.000949	0.0482	0.00000656	1.33	2.21	0.0321	0.000218	6.27	0.00139	0.0329	0.000261	0.000129	0.0000712	0.0819	0.00000214	0.0000731	0.000462	0.00142	1.19E-09
2092 Oct	94.8	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000712	0.0818	0.00000214	0.000073	0.000461	0.00142	1.19E-09
2092 Nov	94.8	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000711	0.0818	0.00000214	0.000073	0.000461	0.00142	1.19E-09
2092 Dec	94.8	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000712	0.0818	0.00000214	0.000073	0.000461	0.00142	1.19E-09
2093 Jan	94.8	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000712	0.0818	0.00000214	0.000073	0.000461	0.00142	1.19E-09
2093 Feb	94.8	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00557	0.000962	0.0107	0.018	0.00000536	15.4	0.0000142	0.000213	0.000228	0.000948	0.0481	0.00000655	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000712	0.0818	0.00000214	0.000073	0.000461	0.00142	1.19E-09
2093 Mar	94.8	0.0375	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.00558	0.000963	0.0107	0.018	0.00000536	15.4	0.0000142	0.000214	0.000228	0.000949	0.0481	0.00000656	1.33	2.2	0.0321	0.000218	6.27	0.00138	0.0329	0.00026	0.000129	0.0000712	0.0818	0.00000214	0.0000731	0.000461	0.00142	1.19E-09
2093 Apr	94.9	0.0376	0.0274	0.00156	16.4	0.0298	7.06	0.00106	0.00106	0.00000536	0.00558	0.000963	0.0107	0.018	0.00000537	15.4	0.0000142	0.000214	0.000228	0.000949	0.0482	0.00000656	1.33	2.21	0.0321	0.000219	6.27	0.00139	0.033	0.00026	0.000129	0.0000712	0.0819	0.00000214	0.0000731	0.000462	0.00142	1.19E-09
2093 May	95	0.0376	0.0275	0.00157	16.4	0.0298	7.07	0.00107	0.00107	0.00000537	0.00559	0.000966	0.0107	0.0181	0.00000537	15.4	0.0000142	0.000214	0.000229	0.000951	0.0483	0.00000658	1.33	2.21	0.0322	0.000219	6.28	0.00139	0.033	0.000262	0.00013	0.0000714	0.0821	0.00000215	0.0000732	0.000463	0.00143	1.19E-09
2093 Jun	94.4	0.0376	0.0273	0.00155	16.4	0.0296	7.03	0.00106	0.00106	0.00000534	0.00557	0.000966	0.0107	0.0181	0.00000535	15.4	0.0000142	0.000214	0.00023	0.000948	0.0484	0.00000657	1.33	2.21	0.0325	0.000218	6.25	0.00138	0.033	0.000264	0.00013	0.0000713	0.0822	0.00000213	0.0000728	0.000465	0.00142	1.18E-09
2093 Jul	94.8	0.0378	0.0274	0.00156	16.4	0.0297	7.05	0.00106	0.00106	0.00000536	0.0056	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.00023	0.000952	0.0487	0.0000066	1.33	2.22	0.0326	0.000219	6.28	0.00139	0.0332	0.000265	0.00013	0.0000716	0.0826	0.00000214	0.0000732	0.000467	0.00143	1.18E-09
2093 Aug	95.2	0.0379	0.0274	0.00157	16.5	0.0299	7.08	0.00107	0.00107	0.00000539	0.00562	0.000974	0.0107	0.0182	0.00000539	15.6	0.0000143	0.000216	0.000231	0.000955	0.0489	0.00000663	1.34	2.23	0.0327	0.00022	6.3	0.00139	0.0333	0.000266	0.00013	0.0000719	0.0829	0.00000215	0.0000734	0.000469	0.00143	1.18E-09
2093 Sep	95.2	0.038	0.0274	0.00157	16.5	0.0299	7.08	0.00107	0.00107	0.00000539	0.00563	0.000975	0.0107	0.0182	0.00000539	15.6	0.0000143	0.000216	0.000231	0.000956	0.0489	0.00000664	1.34	2.23	0.0327	0.00022	6.3	0.00139	0.0334	0.000266	0.00013	0.0000719	0.0829	0.00000215	0.0000735	0.000469	0.00143	1.18E-09
2093 Oct	94.7	0.0379	0.0273	0.00156	16.4	0.0298	7.05	0.00106	0.00106	0.00000536	0.00561	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.00023	0.000952	0.0487	0.00000661	1.33	2.22	0.0325	0.00022	6.27	0.00139	0.0333	0.000264	0.00013	0.0000715	0.0825	0.00000214	0.0000732	0.000467	0.00143	1.18E-09
2093 Nov	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.03	0.00106	0.00106	0.00000536	0.0056	0.00097	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0824	0.00000214	0.0000731	0.000466	0.00143	1.17E-09
2093 Dec	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.0056	0.00097	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0824	0.00000214	0.0000731	0.000466	0.00143	1.17E-09
2094 Jan	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.0056	0.00097	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0824	0.00000214	0.0000731	0.000466	0.00143	1.17E-09
2094 Feb	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.0056	0.00097	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0824	0.00000214	0.0000731	0.000466	0.00143	1.17E-09
2094 Mar	94.5	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.00561	0.00097	0.0107	0.0181	0.00000536	15.5	0.0000142	0.000215	0.00023	0.000951	0.0486	0.00000661	1.33	2.22	0.0325	0.00022	6.26	0.00139	0.0333	0.000264	0.00013	0.0000714	0.0825	0.00000214	0.0000731	0.000466	0.00143	1.17E-09
2094 Apr	94.6	0.038	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.00561	0.00097	0.0107	0.0182	0.00000537	15.5	0.0000143	0.000215	0.00023	0.000951	0.0487	0.00000662	1.33	2.22	0.0325	0.00022	6.27	0.00139	0.0333	0.000264	0.00013	0.0000715	0.0825	0.00000214	0.0000732	0.000466	0.00143	1.17E-09
2094 May	94.5	0.0381	0.0272	0.00156	16.4	0.0298	7.04	0.00106	0.00106	0.00000536	0.00561	0.000972	0.0107	0.0182	0.00000538	15.5	0.0000143	0.000216	0.000231	0.000952	0.0488	0.00000662	1.33	2.22	0.0326	0.00022	6.27	0.00139	0.0334	0.000265	0.00013	0.0000716	0.0827	0.00000214	0.0000732	0.000468	0.00143	1.17E-09
2094 Jun	94.4	0.0382	0.0272	0.00155	16.4	0.0297	7.03	0.00106	0.00106	0.00000535	0.00561	0.000975	0.0107	0.0183	0.00000536	15.6	0.0000143	0.000217	0.000232	0.000952	0.0491	0.00000664	1.34	2.23	0.033	0.00022	6.26	0.00139	0.0335	0.000268	0.00013	0.0000718	0.083	0.00000214	0.0000731	0.000471	0.00143	1.16E-09
2094 Jul	95	0.0385	0.0273	0.00156	16.5	0.0299	7.08	0.00107	0.00107	0.00000539	0.00566	0.000983	0.0108	0.0184	0.0000054	15.7	0.0000144	0.000218	0.000234	0.000959	0.0494	0.00000669	1.35	2.25	0.0332	0.00022	6.31	0.0014	0.0337	0.00027	0.00013	0.0000723	0.0836	0.00000215	0.0000736	0.000475	0.00144	1.17E-09
2094 Aug	95.7	0.0388	0.0275	0.00157	16.7	0.0301	7.13	0.00108	0.00108	0.00000543	0.0057	0.00099	0.0108	0.0186	0.00000544	15.8	0.0000145	0.00022	0.000236	0.000966	0.0498	0.00000674	1.35	2.26	0.0334	0.000223	6.35	0.00141	0.034	0.000272	0.00013	0.0000728	0.0843	0.00000217	0.0000742	0.000478	0.00145	1.18E-09
2094 Sep	95.7	0.0388	0.0275	0.00157	16.7	0.0302	7.13	0.00108	0.00108	0.00000543	0.0057	0.00099	0.0108	0.0186	0.00000544	15.8	0.0000145	0.00022	0.000236	0.000966	0.0498	0.00000674	1.36	2.26	0.0334	0.000223	6.35	0.00141	0.034	0.000272	0.00013	0.0000728	0.0843	0.00000217	0.0000742	0.000478	0.00145	1.18E-09
2094 Oct	95.4	0.0388	0.0274	0.00157	16.6	0.0301	7.11	0.00107	0.00107	0.00000542	0.00569	0.000987	0.0108	0.0185	0.00000542	15.8	0.0000145	0.000219	0.000235	0.000964	0.0496	0.00000673	1.35	2.26	0.0333	0.000223	6.33	0.0014	0.0339	0.00027	0.00013	0.0000725	0.084	0.00000216	0.000074	0.000476	0.00145	1.17E-09
2094 Nov	95	0.0388	0.0273	0.00156	16.5	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000985	0.0108	0.0184	0.0000054	15.8	0.0000144	0.000218	0.000234	0.000961	0.0495	0.00000671	1.35	2.25	0.0331	0.000223	6.31	0.0014	0.0339	0.000269	0.00013	0.0000722	0.0837	0.00000216	0.0000738	0.000474	0.00144	1.17E-09
2094 Dec	95	0.0388	0.0273	0.00156	16.5	0.03	7.08	0.00107	0.00107	0.0000054	0.00567	0.000984	0.0108	0.0184	0.0000054	15.7	0.0000144	0.000218	0.000234	0.00096	0.0495	0.00000671	1.35	2.25	0.0331	0.000223	6.31	0.0014	0.0339	0.000269	0.00013	0.0000722	0.0837	0.00000216	0.0000738	0.000474	0.00144	1.17E-09
2095 Jan	95	0.0388	0.0273	0.00156	16.5	0.03	7.08	0.00107	0.00107	0.0000054	0.00567	0.000984	0.0108	0.0184	0.0000054	15.7	0.0000144	0.000218	0.000234	0.000961	0.0495	0.00000671	1.35	2.25	0.0331	0.000223	6.31	0.0014	0.0339	0.000269	0.00013	0.0000722	0.0837	0.00000216	0.0000738	0.000474	0.00144	1.17E-09
2095 Feb	95	0.0388	0.0273	0.00156	16.5	0.03	7.08	0.00107	0.00107	0.0000054	0.00567	0.000984	0.0108	0.0184	0.0000054	15.7	0.0000144	0.000218	0.000234	0.000961	0.0495	0.00000671	1.35	2.25	0.0331	0.000223	6.31	0.0014	0.0339	0.000269	0.00013	0.0000722	0.0837	0.00000216	0.0000738	0.000474	0.00144	1.17E-09
2095 Mar	95	0.0388	0.0273	0.00156	16.5	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000985	0.0108	0.0184	0.0000054	15.7	0.0000144	0.000218	0.000234	0.000961	0.0495	0.00000671	1.35	2.25	0.0331	0.000223	6.31	0.0014	0.0339	0.000269	0.00013	0.0000722	0.0837	0.00000216	0.0000738	0.000474	0.00144	1.17E-09
2095 Apr	95	0.0388	0.0273	0.00156	16.6	0.03	7.08	0.00107	0.00107	0.0000054	0.00568	0.000985	0.0108	0.0185	0.0000054	15.7	0.0000144	0.000219	0.000234	0.000961	0.0495	0.00000672	1.35	2.25	0.0332	0.000223	6.31	0.0014	0.0339	0.000269	0.00013	0.0000723	0.0838	0.00000216	0.0000738	0.000474	0.00144	1.17E-09
2095 May	95	0.0389	0.0273	0.00156	16.6	0.03	7.09	0.00107	0.00107	0.0000054	0.00568	0.000987	0.0108	0.0185	0.0000054	15.8	0.0000144	0.000219	0.000235	0.000962	0.0496	0.00000673	1.35	2.26	0.0333	0.000223	6.32	0.0014	0.0339	0.000271	0.00013	0.0000724	0.084	0.00000216	0.0000738	0.000476	0.00144	1.17E-09
2095 Jun	95.1	0.0391	0.0273	0.00156	16.6	0.03	7.1	0.00107	0.00107	0.00000541	0.0057	0.000991	0.0108	0.0186	0.00000542	15.9	0.0000145	0.00022	0.000237	0.000964	0.0499	0.00000675	1.35	2.27	0.0336	0.000224	6.33	0.0014	0.0341	0.000273	0.00013	0.0000727	0.0844	0.00000216	0.000074	0.000479	0.00145	1.16E-09
2095 Jul	95.8	0.0393	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000222	0.000238	0.000971	0.0503	0.0000068	1.36	2.28	0.0338	0.000225	6.37	0.00141	0.0343	0.000275	0.00013	0.0000732	0.085	0.00000218	0.0000745	0.000483	0.00146	1.17E-09
2095 Aug	95.7	0.0393	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000999	0.0109	0.0187	0.00000545	16	0.0000146	0.000222	0.000238	0.000971	0.0503	0.0000068	1.36	2.28	0.0338	0.000225	6.37	0.00141	0.0343	0.000275	0.00013	0.0000732	0.085	0.00000218	0.0000745	0.000482	0.00146	1.17E-09
2095 Sep	95.8	0.0394	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000999	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238	0.000972	0.0503	0.00000681	1.36	2.28	0.0338	0.000226	6.37	0.00141	0.0344	0.000275	0.00013	0.0000732	0.085	0.00000218	0.0000745	0.000482	0.00146	1.17E-09
2095 Oct	95.7	0.0394	0.0275	0.00157	16.7	0.0303	7.14	0.00108	0.00108	0.00000545	0.00574	0.000999	0.0109	0.0187	0.00000546	16	0.0000146	0.000222	0.000238	0.000972	0.0503	0.00000681	1.36	2.28	0.0338	0.000226	6.37	0.00141	0.0344	0.000275	0.00013	0.0000732	0.085	0.00000218	0.0000745	0.000482	0.00146	1.17E-09
2095 Nov	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238	0.000971	0.0502	0.00000681	1.36	2.28	0.0337	0.000226	6.36	0.00141	0.0344	0.000274	0.00013	0.0000731	0.0849	0.00000218	0.0000744	0.000481	0.00145	1.17E-09
2095 Dec	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238	0.00097	0.0502	0.00000681	1.36	2.28	0.0337	0.000226	6.36	0.00141	0.0344	0.000274	0.00013	0.0000731	0.0849	0.00000218	0.0000744	0.000481	0.00145	1.17E-09
2096 Jan	95.6	0.0394	0.0274	0.00157	16.7	0.0303	7.13	0.00108	0.00108	0.00000545	0.00574	0.000998	0.0109	0.0187	0.00000545	16	0.0000146	0.000221	0.000238	0.00097	0.0502	0.00000681	1.36

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																						
Model Predictions (2044-2099)																																						
2044 Jan	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	
2044 Feb	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	
2044 Mar	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	
2044 Apr	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	
2044 May	105	0.0204	0.0767	0.00231	17.5	0.03	15.7	0.000882	0.000882	0.00000457	0.00277	0.000437	0.0158	0.00757	0.00000466	7.43	0.00000723	0.000182	0.0000906	0.000823	0.0123	0.0000018	1.31	1.75	0.00849	0.000278	7.56	0.00187	0.00431	0.0000391	0.0000863	0.0000666	0.0592	0.00000184	0.000174	0.000105	0.00079	
2044 Jun	107	0.0233	0.0906	0.00257	18.2	0.0304	17	0.000947	0.000883	0.00000457	0.00281	0.000523	0.0168	0.00769	0.00000468	7.88	0.00000746	0.000207	0.000093	0.000832	0.0126	0.0000019	1.37	1.84	0.00938	0.000302	8.07	0.00194	0.00458	0.0000408	0.0000917	0.0000717	0.0617	0.00000186	0.000182	0.000111	0.000801	0.0000032
2044 Jul	109	0.0247	0.0976	0.0027	18.6	0.0307	17.7	0.000982	0.000885	0.00000459	0.00284	0.000566	0.0174	0.00777	0.00000471	8.12	0.00000758	0.000219	0.0000944	0.000839	0.0128	0.0000198	1.4	1.89	0.00983	0.000314	8.34	0.00197	0.0047	0.0000418	0.0000945	0.0000743	0.0631	0.00000187	0.000186	0.000114	0.000808	0.00000477
2044 Aug	109	0.0248	0.0978	0.00271	18.7	0.0308	17.8	0.000984	0.000888	0.0000046	0.00284	0.000568	0.0174	0.00779	0.00000472	8.15	0.0000076	0.000219	0.0000946	0.000841	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.36	0.00198	0.00472	0.0000419	0.0000948	0.0000745	0.6633	0.00000187	0.000186	0.000115	0.00081	0.00000479
2044 Sep	109	0.0247	0.0978	0.00271	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000745	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2044 Oct	109	0.0247	0.0977	0.0027	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000567	0.0174	0.00778	0.00000471	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2044 Nov	109	0.0247	0.0977	0.0027	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000471	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00984	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2044 Dec	109	0.0247	0.0977	0.0027	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000471	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Jan	109	0.0247	0.0977	0.0027	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000471	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Feb	109	0.0247	0.0977	0.0027	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000471	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Mar	109	0.0247	0.0977	0.0027	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000471	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 Apr	109	0.0247	0.0977	0.00271	18.6	0.0308	17.7	0.000983	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00778	0.00000472	8.14	0.0000076	0.000219	0.0000945	0.00084	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.35	0.00198	0.00472	0.0000418	0.0000947	0.0000744	0.6632	0.00000187	0.000186	0.000114	0.000809	0.00000478
2045 May	109	0.0248	0.0978	0.00271	18.6	0.0308	17.7	0.000984	0.000887	0.0000046	0.00284	0.000568	0.0174	0.00779	0.00000472	8.15	0.0000076	0.000219	0.0000946	0.000841	0.0128	0.0000199	1.41	1.89	0.00985	0.000315	8.36	0.00198	0.00473	0.0000419	0.0000948	0.0000745	0.6633	0.00000187	0.000186	0.000115	0.00081	0.00000478
2045 Jun	112	0.0268	0.108	0.0029	19.2	0.0311	18.9	0.00104	0.000889	0.0000046	0.00288	0.000637	0.0183	0.00788	0.00000474	8.51	0.0000779	0.000239	0.0000964	0.000849	0.013	0.0000208	1.46	1.97	0.0105	0.000335	8.73	0.00203	0.00491	0.000043	0.0000992	0.0000786	0.6654	0.00000189	0.000192	0.000119	0.000819	0.00000739
2045 Jul	113	0.0283	0.115	0.00305	19.6	0.0315	19.7	0.00108	0.000891	0.0000463	0.00291	0.000688	0.0189	0.00795	0.0000477	8.79	0.0000793	0.000253	0.0000979	0.000857	0.0132	0.0000215	1.5	2.02	0.0111	0.000349	9.01	0.00208	0.00505	0.0000439	0.000103	0.0000818	0.067	0.0000019	0.000197	0.000123	0.000826	0.00000929
2045 Aug	114	0.0284	0.115	0.00305	19.6	0.0315	19.7	0.00108	0.000893	0.0000463	0.00291	0.000689	0.019	0.00797	0.0000477	8.81	0.0000794	0.000254	0.000098	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00506	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2045 Sep	114	0.0284	0.115	0.00305	19.6	0.0315	19.7	0.00108	0.000893	0.0000463	0.00291	0.00069	0.019	0.00797	0.0000477	8.81	0.0000795	0.000254	0.000098	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00506	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2045 Oct	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000463	0.00292	0.00069	0.019	0.00797	0.0000478	8.81	0.0000795	0.000254	0.0000981	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00506	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2045 Nov	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000464	0.00292	0.00069	0.019	0.00797	0.0000478	8.81	0.0000795	0.000254	0.0000981	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00507	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2045 Dec	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000464	0.00292	0.00069	0.019	0.00797	0.0000478	8.81	0.0000795	0.000254	0.0000981	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00507	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2046 Jan	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000464	0.00292	0.00069	0.019	0.00797	0.0000478	8.81	0.0000795	0.000254	0.0000981	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00507	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2046 Feb	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000464	0.00292	0.00069	0.019	0.00797	0.0000478	8.81	0.0000795	0.000254	0.0000981	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00507	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2046 Mar	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000464	0.00292	0.00069	0.019	0.00797	0.0000478	8.81	0.0000795	0.000254	0.0000981	0.000858	0.0132	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00507	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2046 Apr	114	0.0284	0.116	0.00306	19.6	0.0315	19.7	0.00108	0.000893	0.0000464	0.00292	0.00069	0.019	0.00797	0.0000478	8.82	0.0000795	0.000254	0.0000981	0.000859	0.0133	0.0000215	1.5	2.03	0.0111	0.00035	9.03	0.00208	0.00507	0.0000444	0.000103	0.0000819	0.0671	0.0000019	0.000197	0.000123	0.000828	0.00000931
2046 May	114	0.0284	0.116	0.00306	19.6	0.0316	19.8	0.00108	0.000894	0.0000464	0.00292	0.00069	0.019	0.00798	0.0000478	8.82	0.0000796	0.000254	0.0000982	0.000859	0.0133	0.0000215	1.5	2.03	0.0111	0.000351	9.04	0.00208	0.00507	0.0000441	0.000103	0.000082	0.6672	0.0000019	0.000197	0.000123	0.000829	0.00000932
2046 Jun	117	0.031	0.128	0.00331	20.3	0.032	21.2	0.00115	0.000895	0.0000465	0.00297	0.000781	0.0202	0.00809	0.0000481	9.3	0.0000821	0.000281	0.0001	0.00087	0.0135	0.0000228	1.57	2.13	0.012	0.000377	9.51	0.00216	0.00531	0.0000454	0.000109	0.0000875	0.07	0.0000192	0.000206	0.000129	0.000841	0.0000127
2046 Jul	120	0.0338	0.142	0.00358	21	0.0326	22.9	0.00123	0.000897	0.0000467	0.00302	0.000879	0.0215	0.00822	0.0000484	9.83	0.0000847	0.00031	0.000103	0.000883	0.0139	0.0000241	1.64	2.24	0.013	0.000405	10	0.00224	0.00556	0.0000469	0.000115	0.0000935	0.073	0.0000194	0.000215	0.000136	0.000854	0.0000164
2046 Aug	120	0.0339	0.142	0.00359	21	0.0327	22.9	0.00123	0.000899	0.0000468	0.00302	0.000881	0.0215	0.00823	0.0000485	9.84	0.0000849	0.000311	0.000103	0.000885	0.0139	0.0000241	1.65	2.25	0.013	0.000406	10	0.00225	0.00557	0.0000447	0.000116	0.0000936	0.0732	0.0000194	0.000215	0.000136	0.000855	0.0000164
2046 Sep	120	0.0339	0.143	0.00359	21	0.0326	22.9	0.00123	0.000898	0.0000467	0.00302	0.000882	0.0215	0.00823	0.0000485	9.85	0.0000849	0.000311	0.000103	0.000884	0.0139	0.0000241	1.65	2.25	0.013	0.000406	10	0.00225	0.00557	0.0000447	0.000116	0.0000936	0.0732	0.0000194	0.000215	0.000136	0.000855	0.0000165
2046 Oct	121	0.0346	0.146	0.00365	21.2	0.0328	23.3	0.00125	0.000898	0.0000468	0.00303	0.000904	0.0218	0.00825	0.0000486	9.96	0.0000855	0.000318	0.000104	0.000887	0.0139	0.0000244	1.66	2.27	0.0133	0.000413	10.2	0.00227	0.00562	0.0000473	0.000117	0.000095	0.0739	0.0000194	0.000217	0.000137	0.000857	0.0000173
2046 Nov	121	0.0347	0.146	0.00367	21.2	0.0328	23.4	0.00125	0.000899	0.0000468	0.00303	0.000909	0.0219	0.00826	0.0000486	9.99	0.0000856	0.00032	0.000104	0.000888	0.014	0.0000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000953	0.0741	0.0000195	0.000218	0.000138	0.000858	0.0000175
2046 Dec	121	0.0347	0.146	0.00367	21.2	0.0328	23.4	0.00125	0.000899	0.0000468	0.00303	0.000909	0.0219	0.00826	0.0000486	9.99	0.0000856	0.00032	0.000104	0.000888	0.014	0.0000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000953	0.0741	0.0000195	0.000218	0.000138	0.000858	0.0000175
2047 Jan	121	0.0347	0.146	0.00367	21.2	0.0328	23.4	0.00125	0.000899	0.0000468	0.00303	0.000909	0.0219	0.00826	0.0000486	9.99	0.0000856	0.00032	0.000104	0.000888	0.014	0.0000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000117	0.0000953	0.0741	0.0000195	0.000218	0.000138	0.000858	0.0000175
2047 Feb	121	0.0347	0.147	0.00367	21.2	0.0328	23.4	0.00125	0.000899	0.0000468	0.00303	0.000909	0.0219	0.00826	0.0000486	9.99	0.0000856	0.00032	0.000104	0.000888	0.014	0.0000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000118	0.0000954	0.0741	0.0000195	0.000218	0.000138	0.000858	0.0000175
2047 Mar	121	0.0347	0.147	0.00367	21.2	0.0328	23.4	0.00125	0.000899	0.0000468	0.00303	0.00091	0.0219	0.00826	0.0000486	10	0.0000856	0.00032	0.000104	0.000888	0.014	0.0000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000118	0.0000954	0.0741	0.0000195	0.000218	0.000138	0.000858	0.0000175
2047 Apr	121	0.0347	0.147	0.00367	21.3	0.0328	23.4	0.00125	0.000899	0.0000468	0.00303	0.00091	0.0219	0.00826	0.0000486	10	0.0000857	0.00032	0.000104	0.000888	0.014	0.0000245	1.67	2.28	0.0133	0.000415	10.2	0.00227	0.00564	0.0000474	0.000118	0.0000954	0.0741	0.0000195	0.000218	0.000138	0.000858	0.0000175
2047 May	122	0.0351	0.149	0.00371	21.4	0.0329	23.6	0.00126	0.0009	0.0000468	0.00304	0.000924	0.0221	0.00829	0.0000487	10.1	0.0000861	0.000325	0.000104	0.000891	0.014	0.0000247	1.68	2.3	0.0135	0.000419	10.3	0.00229	0.00568	0.0000477	0.000119	0.0000963	0.0746	0.0000195	0.000219	0.000139	0.00086	0.000018
2047 Jun	126	0.0389	0.167	0.00406	22.3	0.0338	25.9	0.00136	0.000902	0.0000471	0.00311	0.00105	0.024	0.00849	0.0000491	10.8	0.0000899	0.000368	0.000109	0.000911	0.0145	0.0000266	1.78	2.46	0.0149	0.000459	10.9	0.00241	0.00601	0.0000505	0.000128	0.000104	0.0791	0.0000197	0.000233	0.000149	0.000877	0.0000227
2047 Jul	126	0.039	0.167	0.00407	22.4	0.0338	25.9	0.00136	0.000904	0.0000472	0.00312	0.00106	0.024	0.00851	0.0000492	10.8	0.0000901	0.000369	0.000109	0.000913	0.0145	0.0000266	1.79	2.47	0.015	0.00046	11	0.00242	0.00602	0.0000507	0.000128	0.000105	0.0793	0.0000198	0.000234	0.000149	0.000879	0.0000228
2047 Aug	127	0.0391	0.168	0.00408	22.4	0.0339	26	0.00137	0.000906	0.0000472	0.00312	0.00106	0.0241	0.00853	0.0000493	10.9	0.0000903	0.000369	0.000109	0.000915	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00603	0.0000508	0.000128	0.000105	0.0795	0.0000198	0.000234	0.000149	0.000881	0.0000228
2047 Sep	127	0.0391	0.168	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.0241	0.00853	0.0000493	10.8	0.0000903	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00603	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.000881	0.0000228
2047 Oct	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00852	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00603	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.00088	0.0000228
2047 Nov	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00852	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.00088	0.0000228
2047 Dec	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00852	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.00088	0.0000228
2048 Jan	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00852	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.00088	0.0000228
2048 Feb	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00852	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.00088	0.0000228
2048 Mar	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00852	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000507	0.000128	0.000105	0.0794	0.0000198	0.000234	0.000149	0.00088	0.0000228
2048 Apr	127	0.0391	0.167	0.00408	22.4	0.0339	26	0.00137	0.000905	0.0000472	0.00312	0.00106	0.024	0.00853	0.0000493	10.8	0.0000902	0.000369	0.000109	0.000914	0.0146	0.0000267	1.79	2.47	0.015	0.000461	11	0.00242	0.00604	0.0000507	0.000128	0.000105	0.0794	0.0000198

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2051 Oct	158	0.0634	0.288	0.00633	28.8	0.0415	42.2	0.00194	0.000921	0.00000491	0.00367	0.0019	0.0398	0.00987	0.00000529	15.7	0.0000122	0.000738	0.000137	0.00109	0.0173	0.00000416	2.56	3.78	0.0249	0.000764	15.5	0.00357	0.00816	0.0000633	0.000204	0.000162	0.116	0.00000215	0.000354	0.000219	0.00101	0.0000507
2051 Nov	159	0.0635	0.289	0.00634	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00988	0.00000529	15.8	0.0000122	0.00074	0.000137	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000765	15.5	0.00358	0.00817	0.0000634	0.000205	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000508
2051 Dec	159	0.0635	0.289	0.00634	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00988	0.00000529	15.8	0.0000122	0.00074	0.000137	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000765	15.5	0.00358	0.00817	0.0000634	0.000205	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000508
2052 Jan	159	0.0635	0.289	0.00635	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00988	0.00000529	15.8	0.0000122	0.00074	0.000137	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000765	15.5	0.00358	0.00817	0.0000634	0.000205	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000508
2052 Feb	159	0.0635	0.289	0.00635	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00988	0.00000529	15.8	0.0000122	0.00074	0.000137	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000765	15.5	0.00358	0.00817	0.0000634	0.000205	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000508
2052 Mar	159	0.0635	0.289	0.00635	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00988	0.00000529	15.8	0.0000122	0.00074	0.000137	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000765	15.5	0.00358	0.00817	0.0000634	0.000205	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000508
2052 Apr	159	0.0635	0.289	0.00635	28.8	0.0416	42.3	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00988	0.00000529	15.8	0.0000122	0.00074	0.000137	0.00109	0.0173	0.00000417	2.56	3.79	0.0249	0.000766	15.5	0.00358	0.00817	0.0000634	0.000205	0.000162	0.116	0.00000215	0.000355	0.00022	0.00101	0.0000508
2052 May	159	0.0635	0.289	0.00635	28.8	0.0416	42.4	0.00195	0.000921	0.00000491	0.00367	0.0019	0.0399	0.00989	0.00000529	15.8	0.0000122	0.000741	0.000137	0.00109	0.0173	0.00000417	2.57	3.79	0.0249	0.000766	15.5	0.00358	0.00817	0.0000635	0.000205	0.000162	0.116	0.00000216	0.000355	0.00022	0.00101	0.0000508
2052 Jun	160	0.0645	0.294	0.00644	29.1	0.042	43.1	0.00197	0.000922	0.00000492	0.0037	0.00194	0.0407	0.00996	0.00000531	16	0.0000124	0.00076	0.000138	0.0011	0.0174	0.00000425	2.6	3.86	0.0254	0.000781	15.7	0.00365	0.00827	0.0000641	0.000209	0.000165	0.118	0.00000216	0.000362	0.000223	0.00102	0.000052
2052 Jul	161	0.0648	0.296	0.00647	29.1	0.0422	43.3	0.00198	0.000923	0.00000493	0.00371	0.00195	0.041	0.00998	0.00000532	16.1	0.0000124	0.000765	0.000139	0.00111	0.0175	0.00000427	2.61	3.88	0.0255	0.000785	15.8	0.00366	0.0083	0.0000643	0.00021	0.000165	0.118	0.00000217	0.000363	0.000224	0.00102	0.0000523
2052 Aug	161	0.0649	0.296	0.00647	29.2	0.0422	43.4	0.00198	0.000924	0.00000493	0.00371	0.00195	0.041	0.00999	0.00000532	16.1	0.0000124	0.000766	0.000139	0.00111	0.0175	0.00000427	2.62	3.88	0.0256	0.000786	15.8	0.00367	0.00831	0.0000643	0.00021	0.000165	0.118	0.00000217	0.000364	0.000225	0.00102	0.0000523
2052 Sep	161	0.065	0.297	0.00649	29.2	0.0423	43.5	0.00199	0.000924	0.00000494	0.00372	0.00196	0.0411	0.01	0.00000532	16.1	0.0000125	0.000769	0.000139	0.00111	0.0175	0.00000429	2.62	3.9	0.0256	0.000788	15.8	0.00368	0.00833	0.0000644	0.00021	0.000166	0.119	0.00000217	0.000365	0.000225	0.00102	0.0000525
2052 Oct	161	0.0653	0.298	0.00651	29.3	0.0424	43.7	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.91	0.0258	0.000792	15.9	0.00369	0.00835	0.0000645	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2052 Nov	161	0.0653	0.298	0.00651	29.3	0.0424	43.7	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.91	0.0258	0.000792	15.9	0.0037	0.00835	0.0000645	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2052 Dec	161	0.0653	0.298	0.00652	29.3	0.0424	43.8	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.91	0.0258	0.000792	15.9	0.0037	0.00835	0.0000645	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2053 Jan	161	0.0653	0.298	0.00652	29.3	0.0424	43.8	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.91	0.0258	0.000792	15.9	0.0037	0.00835	0.0000645	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2053 Feb	161	0.0653	0.298	0.00652	29.3	0.0424	43.8	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.91	0.0258	0.000792	15.9	0.0037	0.00835	0.0000645	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2053 Mar	161	0.0653	0.298	0.00652	29.3	0.0424	43.8	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.92	0.0258	0.000792	15.9	0.0037	0.00835	0.0000646	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2053 Apr	161	0.0653	0.298	0.00652	29.3	0.0424	43.8	0.00199	0.000924	0.00000494	0.00373	0.00197	0.0414	0.01	0.00000533	16.2	0.0000125	0.000775	0.00014	0.00111	0.0175	0.00000431	2.63	3.92	0.0258	0.000793	15.9	0.0037	0.00835	0.0000646	0.000212	0.000167	0.119	0.00000217	0.000367	0.000226	0.00103	0.0000528
2053 May	162	0.0658	0.301	0.00656	29.4	0.0426	44.2	0.002	0.000925	0.00000495	0.00374	0.00199	0.0418	0.0101	0.00000534	16.3	0.0000126	0.000785	0.00014	0.00112	0.0176	0.00000435	2.65	3.95	0.026	0.0008	16	0.00373	0.0084	0.000065	0.000214	0.000168	0.12	0.00000218	0.00037	0.000228	0.00103	0.0000534
2053 Jun	167	0.0687	0.315	0.00683	30.2	0.0439	46.6	0.00207	0.000924	0.00000496	0.00382	0.0021	0.0445	0.0103	0.0000538	17	0.0000131	0.000849	0.000145	0.00115	0.018	0.00000459	2.77	4.17	0.0276	0.000847	16.5	0.00393	0.00866	0.0000671	0.000226	0.000176	0.126	0.00000222	0.000391	0.000239	0.00105	0.0000567
2053 Jul	168	0.0693	0.318	0.00688	30.3	0.0442	47.1	0.00209	0.000926	0.00000498	0.00384	0.00212	0.045	0.0103	0.0000054	17.2	0.0000132	0.000861	0.000146	0.00115	0.0181	0.00000463	2.8	4.22	0.0279	0.000857	16.6	0.00398	0.00872	0.0000675	0.000229	0.000178	0.127	0.0000022	0.000395	0.000242	0.00105	0.0000574
2053 Aug	168	0.0695	0.319	0.0069	30.4	0.0443	47.2	0.00209	0.000928	0.00000499	0.00385	0.00213	0.0451	0.0103	0.0000541	17.2	0.0000132	0.000863	0.000146	0.00116	0.0181	0.00000464	2.8	4.22	0.0279	0.000859	16.6	0.00398	0.00874	0.0000676	0.000229	0.000178	0.128	0.00000221	0.000396	0.000242	0.00105	0.0000575
2053 Sep	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000132	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2053 Oct	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2053 Nov	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2053 Dec	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2054 Jan	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2054 Feb	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2054 Mar	168	0.0696	0.319	0.00691	30.4	0.0444	47.3	0.00209	0.000929	0.00000499	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000864	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000677	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2054 Apr	168	0.0696	0.319	0.00691	30.5	0.0444	47.3	0.00209	0.000929	0.0000005	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000865	0.000146	0.00116	0.0181	0.00000465	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00875	0.0000678	0.000229	0.000179	0.128	0.00000221	0.000397	0.000242	0.00106	0.0000576
2054 May	168	0.0697	0.319	0.00691	30.5	0.0444	47.3	0.00209	0.00093	0.000005	0.00385	0.00213	0.0452	0.0104	0.0000542	17.2	0.0000133	0.000865	0.000147	0.00116	0.0181	0.00000466	2.81	4.23	0.028	0.00086	16.7	0.00399	0.00876	0.0000678	0.00023	0.000179	0.128	0.00000221	0.000397	0.000243	0.00106	0.0000576
2054 Jun	170	0.0708	0.325	0.00702	30.7	0.045	48.4	0.00212	0.000928	0.000005	0.00389	0.00218	0.0464	0.0105	0.0000544	17.5	0.0000135	0.000894	0.000149	0.00117	0.0183	0.00000476	2.86	4.33	0.0287	0.00088	16.9	0.00409	0.00888	0.0000689	0.000235	0.000182	0.131	0.00000222	0.000407	0.000248	0.00106	0.000059
2054 Jul	171	0.0716	0.329	0.00709	30.9	0.0454	49.1	0.00214	0.000929	0.00000501	0.00391	0.00221	0.0472	0.0105	0.0000545	17.7	0.0000136	0.000913	0.00015	0.00118	0.0184	0.00000483	2.89	4.4	0.0291	0.000895	17	0.00415	0.00895	0.0000694	0.000239	0.000185	0.132	0.00000223	0.000413	0.000251	0.00107	0.00006
2054 Aug	172	0.0717	0.329	0.0071	31	0.0455	49.2	0.00214	0.000929	0.00000501	0.00392	0.00222	0.0473	0.0105	0.0000546	17.8	0.0000137	0.000916	0.00015	0.00118	0.0184	0.00000484	2.9	4.41	0.0292	0.000898	17	0.00416	0.00897	0.0000695	0.000239	0.000185	0.133	0.00000223	0.000414	0.000252	0.00107	0.0000601
2054 Sep	172	0.0719	0.33	0.00712	31	0.0456	49.4	0.00215	0.00093	0.00000502	0.00392	0.00223	0.0475	0.0106	0.0000546	17.8	0.0000137	0.000921	0.000151	0.00119	0.0185	0.0000486	2.91	4.43	0.0293	0.000902	17.1	0.00417	0.00899	0.0000697	0.00024	0.000186	0.133	0.00000223	0.000416	0.000252	0.00107	0.0000604
2054 Oct	173	0.0723	0.332	0.00716	31.1	0.0458	49.8	0.00216	0.00093	0.00000502	0.00393	0.00224	0.0479	0.0106	0.0000547	17.9	0.0000138	0.00093	0.000151	0.00119	0.0185	0.0000049	2.93	4.46	0.0295	0.000908	17.1	0.0042	0.00901	0.0000699	0.000242	0.000187	0.134	0.00000223	0.000419	0.000254	0.00108	0.0000608
2054 Nov	173	0.0724	0.333	0.00717	31.2	0.0459	49.9	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.0000547	18	0.0000138	0.000934	0.000151	0.00119	0.0185	0.00000491	2.93	4.47	0.0296	0.000911	17.2	0.00422	0.00903	0.00007	0.000243	0.000187	0.134	0.00000224	0.00042	0.000255	0.00108	0.000061
2054 Dec	173	0.0724	0.333	0.00717	31.2	0.0459	49.9	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.0000547	18	0.0000138	0.000934	0.000151	0.00119	0.0185	0.00000491	2.94	4.47	0.0296	0.000911	17.2	0.00422	0.00903	0.00007	0.000243	0.000187	0.134	0.00000224	0.00042	0.000255	0.00108	0.000061
2055 Jan	173	0.0724	0.333	0.00717	31.2	0.0459	49.9	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.0000547	18	0.0000138	0.000934	0.000151	0.00119	0.0185	0.00000491	2.94	4.47	0.0296	0.000912	17.2	0.00422	0.00903	0.00007	0.000243	0.000188	0.134	0.00000224	0.00042	0.000255	0.00108	0.000061
2055 Feb	173	0.0725	0.333	0.00717	31.2	0.0459	49.9	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.0000547	18	0.0000138	0.000935	0.000151	0.00119	0.0185	0.00000491	2.94	4.47	0.0296	0.000912	17.2	0.00422	0.00903	0.00007	0.000243	0.000188	0.134	0.00000224	0.00042	0.000255	0.00108	0.000061
2055 Mar	173	0.0725	0.333	0.00717	31.2	0.0459	49.9	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.0000547	18	0.0000138	0.000935	0.000151	0.00119	0.0185	0.00000491	2.94	4.47	0.0296	0.000912	17.2	0.00422	0.00903	0.00007	0.000243	0.000188	0.134	0.00000224	0.00042	0.000255	0.00108	0.000061
2055 Apr	173	0.0725	0.333	0.00717	31.2	0.0459	50	0.00216	0.00093	0.00000502	0.00394	0.00225	0.0481	0.0106	0.0000547	18	0.0000138	0.000935	0.000151	0.00119	0.0185	0.00000491	2.94	4.47	0.0297	0.000912	17.2	0.00422	0.00903	0.00007	0.000243	0.000188	0.134	0.00000224	0.00042	0.000255	0.00108	0.000061
2055 May	173	0.0725	0.333	0.00718	31.2	0.0459	50	0.00216	0.00093	0.00000503	0.00394	0.00225	0.0481	0.0106	0.0000548	18	0.0000138	0.000935	0.000152	0.00119	0.0185	0.00000492	2.94	4.48	0.0297	0.000912	17.2	0.00422	0.00904	0.00007	0.000243	0.000188	0.135	0.00000224	0.000421	0.000255	0.00108	0.0000611
2055 Jun	177	0.075	0.346	0.00742	31.8	0.0473	52.5	0.00223	0.00093	0.00000505	0.00402	0.00236	0.051	0.0108	0.0000552	18.7	0.0000144	0.001	0.000156	0.00123	0.0189	0.00000517	3.06	4.71	0.0312	0.000961	17.6	0.00444	0.00928	0.0000715	0.000256	0.000196	0.141	0.00000226	0.000443	0.000266	0.0011	0.0000642
2055 Jul	180	0.0764	0.353	0.00755	32.2	0.0481	53.9	0.00226	0.000931	0.00000506	0.00407	0.00242	0.0525	0.0109	0.0000555	19.1	0.0000147	0.00104	0.000158	0.00125	0.0191	0.0000053	3.13	4.83	0.032	0.000988	17.9	0.00456	0.00942	0.0000724	0.000263	0.000201	0.144	0.00000227	0.000455	0.000272	0.00111	0.000066
2055 Aug	180	0.0765	0.353	0.00756	32.2	0.0482	54	0.00227	0.000932	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000556	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00943	0.0000725	0.000264	0.000201	0.144	0.00000227	0.000456	0.000273	0.00111	0.0000661
2055 Sep	180	0.0765	0.353	0.00756	32.2	0.0482	54	0.00227	0.000932	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000556	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00944	0.0000725	0.000264	0.000201	0.144	0.00000228	0.000456	0.000273	0.00111	0.0000661
2055 Oct	180	0.0765	0.353	0.00757	32.2	0.0482	54	0.00227	0.000933	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000557	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00944	0.0000726	0.000264	0.000201	0.144	0.00000228	0.000456	0.000273	0.00111	0.0000661
2055 Nov	180	0.0765	0.353	0.00757	32.2	0.0482	54	0.00227	0.000933	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000557	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00944	0.0000726	0.000264	0.000201	0.145	0.00000228	0.000456	0.000273	0.00111	0.0000661
2055 Dec	180	0.0765	0.353	0.00757	32.2	0.0482	54	0.00227	0.000933	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000557	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00944	0.0000726	0.000264	0.000201	0.145	0.00000228	0.000456	0.000273	0.00111	0.0000661
2056 Jan	180	0.0765	0.353	0.00757	32.2	0.0482	54	0.00227	0.000933	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000557	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00944	0.0000726	0.000264	0.000201	0.145	0.00000228	0.000456	0.000273	0.00111	0.0000661
2056 Feb	180	0.0765	0.353	0.00757	32.2	0.0482	54	0.00227	0.000933	0.00000507	0.00408	0.00243	0.0526	0.011	0.0000557	19.1	0.0000147	0.00104	0.000159	0.00125	0.0191	0.00000531	3.13	4.84	0.0321	0.00099	17.9	0.00457	0.00944	0.0000726	0.000264	0.000201	0.145	0.00000228	0.000456	0

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2059 Oct	200	0.0863	0.399	0.00852	34.7	0.055	65.4	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00134	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00559	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.0012	0.0000796
2059 Nov	200	0.0863	0.399	0.00852	34.7	0.055	65.3	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00134	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00558	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000558	0.000329	0.0012	0.0000796
2059 Dec	200	0.0863	0.399	0.00852	34.7	0.055	65.3	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00134	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00558	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000558	0.000329	0.0012	0.0000796
2060 Jan	200	0.0863	0.399	0.00852	34.7	0.055	65.3	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00134	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00558	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000558	0.000329	0.0012	0.0000796
2060 Feb	200	0.0863	0.399	0.00852	34.7	0.055	65.3	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00134	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00559	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000558	0.000329	0.0012	0.0000796
2060 Mar	200	0.0863	0.399	0.00852	34.7	0.055	65.3	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00134	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00559	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000558	0.000329	0.0012	0.0000796
2060 Apr	200	0.0863	0.399	0.00852	34.7	0.055	65.4	0.00256	0.000947	0.00000525	0.00448	0.00292	0.0653	0.0122	0.00000585	22.4	0.0000172	0.00135	0.000183	0.00141	0.0211	0.00000645	3.7	5.91	0.0394	0.00121	19.7	0.00559	0.0107	0.0000848	0.000323	0.000239	0.174	0.0000024	0.000559	0.000329	0.0012	0.0000796
2060 May	232	0.0976	0.446	0.00977	37	0.0679	86.6	0.00302	0.000946	0.00000548	0.00518	0.0038	0.09	0.0143	0.00000628	28.4	0.0000218	0.00194	0.000227	0.00172	0.0245	0.00000858	4.74	7.95	0.0531	0.00163	21.5	0.00756	0.0126	0.0000106	0.000436	0.000309	0.23	0.0000258	0.000758	0.000431	0.0016	0.0000102
2060 Jun	236	0.0984	0.448	0.00988	37.1	0.0695	89.3	0.00307	0.000946	0.00000549	0.00526	0.00391	0.0933	0.0145	0.00000632	29.2	0.0000224	0.00202	0.000233	0.00176	0.0249	0.00000886	4.88	8.23	0.055	0.00168	21.5	0.00783	0.0129	0.0000109	0.000451	0.000317	0.237	0.0000259	0.000784	0.000446	0.0018	0.0000105
2060 Jul	236	0.0986	0.449	0.0099	37.1	0.0697	89.5	0.00308	0.000948	0.0000055	0.00527	0.00392	0.0936	0.0146	0.00000634	29.2	0.0000224	0.00203	0.000233	0.00176	0.025	0.00000889	4.89	8.25	0.0551	0.00169	21.6	0.00785	0.0129	0.0000109	0.000452	0.000318	0.238	0.0000026	0.000786	0.000447	0.0018	0.0000105
2060 Aug	236	0.0986	0.449	0.00991	37.2	0.0698	89.6	0.00308	0.000949	0.00000551	0.00528	0.00392	0.0937	0.0146	0.00000634	29.3	0.0000225	0.00203	0.000233	0.00176	0.025	0.0000089	4.89	8.26	0.0552	0.00169	21.6	0.00786	0.0129	0.0000109	0.000452	0.000319	0.238	0.0000026	0.000787	0.000447	0.0018	0.0000106
2060 Sep	237	0.0987	0.449	0.00992	37.2	0.0699	89.9	0.00309	0.000948	0.00000551	0.00529	0.00394	0.094	0.0146	0.00000634	29.3	0.0000225	0.00204	0.000234	0.00177	0.025	0.00000893	4.91	8.28	0.0554	0.00169	21.6	0.00789	0.013	0.00011	0.000454	0.00032	0.239	0.0000026	0.00079	0.000449	0.00138	0.0000106
2060 Oct	237	0.0988	0.45	0.00992	37.2	0.07	90.1	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000894	4.92	8.3	0.0555	0.0017	21.6	0.0079	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.000449	0.00139	0.0000106
2060 Nov	237	0.0988	0.45	0.00993	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000894	4.92	8.3	0.0555	0.0017	21.6	0.0079	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.00045	0.00139	0.0000106
2060 Dec	237	0.0988	0.45	0.00993	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000894	4.92	8.3	0.0555	0.0017	21.6	0.0079	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.00045	0.00139	0.0000106
2065 Jan	237	0.0988	0.45	0.00993	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000894	4.92	8.3	0.0555	0.0017	21.6	0.0079	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.00045	0.00139	0.0000106
2065 Feb	237	0.0988	0.45	0.00993	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000894	4.92	8.3	0.0555	0.0017	21.6	0.0079	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.00045	0.00139	0.0000106
2065 Mar	237	0.0988	0.45	0.00993	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.00529	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000894	4.92	8.3	0.0555	0.0017	21.6	0.0079	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.00045	0.00139	0.0000106
2065 Apr	237	0.0988	0.45	0.00993	37.2	0.0701	90.1	0.00309	0.000949	0.00000551	0.0053	0.00394	0.0942	0.0146	0.00000635	29.4	0.0000226	0.00204	0.000234	0.00177	0.0251	0.00000895	4.92	8.3	0.0555	0.0017	21.6	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000792	0.00045	0.00139	0.0000106
2065 May	237	0.0989	0.45	0.00993	37.2	0.0701	90.2	0.00309	0.000949	0.00000552	0.0053	0.00395	0.0944	0.0146	0.00000636	29.4	0.0000226	0.00204	0.000235	0.00177	0.0251	0.00000896	4.92	8.31	0.0556	0.0017	21.6	0.00791	0.013	0.00011	0.000455	0.00032	0.239	0.0000026	0.000793	0.00045	0.00139	0.0000106
2065 Jun	239	0.0993	0.451	0.00999	37.2	0.0712	92	0.00313	0.000947	0.00000552	0.00535	0.00402	0.0965	0.0148	0.00000638	29.9	0.000023	0.0021	0.000238	0.0018	0.0254	0.00000914	5.01	8.49	0.0568	0.00174	21.7	0.00809	0.0132	0.000112	0.000465	0.000326	0.244	0.0000026	0.000811	0.000459	0.0014	0.000108
2065 Jul	240	0.0996	0.452	0.01	37.3	0.0716	92.6	0.00314	0.000949	0.00000554	0.00538	0.00404	0.0972	0.0149	0.0000064	30.1	0.0000231	0.00211	0.00024	0.00181	0.0255	0.0000092	5.04	8.55	0.0571	0.00175	21.7	0.00814	0.0132	0.000113	0.000468	0.000328	0.246	0.0000026	0.000816	0.000462	0.0014	0.000108
2065 Aug	241	0.0998	0.453	0.0101	37.4	0.0718	92.7	0.00315	0.000951	0.00000555	0.00539	0.00405	0.0974	0.0149	0.00000641	30.2	0.0000232	0.00212	0.00024	0.00181	0.0255	0.00000922	5.05	8.57	0.0573	0.00175	21.8	0.00816	0.0132	0.000113	0.000469	0.000329	0.246	0.0000026	0.000818	0.000463	0.00141	0.000109
2065 Sep	241	0.0997	0.453	0.01	37.3	0.0718	92.7	0.00315	0.00095	0.00000555	0.00539	0.00405	0.0974	0.0149	0.00000641	30.2	0.0000232	0.00212	0.00024	0.00181	0.0255	0.00000922	5.05	8.57	0.0573	0.00175	21.7	0.00816	0.0132	0.000113	0.000469	0.000329	0.246	0.0000026	0.000818	0.000463	0.00141	0.000109
2065 Oct	242	0.0999	0.453	0.0101	37.3	0.0724	93.8	0.00316	0.000948	0.00000555	0.00542	0.00409	0.0987	0.015	0.00000642	30.4	0.0000234	0.00215	0.000242	0.00182	0.0257	0.00000933	5.1	8.68	0.0579	0.00177	21.7	0.00827	0.0133	0.000114	0.000475	0.000332	0.249	0.0000026	0.000829	0.000468	0.00141	0.00011
2065 Nov	242	0.0999	0.453	0.0101	37.3	0.0725	94	0.00317	0.000948	0.00000555	0.00542	0.0041	0.099	0.015	0.00000642	30.5	0.0000234	0.00216	0.000243	0.00183	0.0257	0.00000935	5.11	8.7	0.0581	0.00178	21.7	0.00829	0.0133	0.000114	0.000476	0.000333	0.25	0.0000026	0.000831	0.000469	0.00141	0.00011
2065 Dec	242	0.0999	0.453	0.0101	37.3	0.0726	94	0.00317	0.000948	0.00000555	0.00542	0.0041	0.099	0.015	0.00000642	30.5	0.0000234	0.00216	0.000243	0.00183	0.0257	0.00000935	5.11	8.7	0.0581	0.00178	21.7	0.00829	0.0133	0.000114	0.000476	0.000333	0.25	0.0000026	0.000831	0.000469	0.00141	0.00011
2066 Jan	242	0.0999	0.453	0.0101	37.3	0.0726	94	0.00317	0.000948	0.00000555	0.00542	0.0041	0.099	0.015	0.00000643	30.5	0.0000234	0.00216	0.000243	0.00183	0.0257	0.00000935	5.11	8.7	0.0581	0.00178	21.7	0.00829	0.0133	0.000114	0.000476	0.000333	0.25	0.0000026	0.000831	0.000469	0.00141	0.00011
2066 Feb	242	0.0999	0.453	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00542	0.0041	0.099	0.015	0.00000643	30.5	0.0000234	0.00216	0.000243	0.00183	0.0257	0.00000935	5.11	8.7	0.0581	0.00178	21.7	0.00829	0.0133	0.000114	0.000476	0.000333	0.25	0.0000026	0.000831	0.000469	0.00141	0.00011
2066 Mar	242	0.1	0.453	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00542	0.0041	0.099	0.015	0.00000643	30.5	0.0000234	0.00216	0.000243	0.00183	0.0257	0.00000936	5.11	8.7	0.0581	0.00178	21.7	0.00829	0.0133	0.000114	0.000476	0.000333	0.25	0.0000026	0.000831	0.000469	0.00141	0.00011
2066 Apr	242	0.1	0.453	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00542	0.0041	0.099	0.015	0.00000643	30.5	0.0000234	0.00216	0.000243	0.00183	0.0257	0.00000936	5.12	8.7	0.0581	0.00178	21.7	0.00829	0.0133	0.000114	0.000477	0.000333	0.25	0.0000026	0.000831	0.000469	0.00141	0.00011
2066 May	243	0.1	0.453	0.0101	37.3	0.0726	94.1	0.00317	0.000948	0.00000555	0.00543	0.0041	0.0991	0.015	0.00000643	30.5	0.0000235	0.00216	0.000243	0.00183	0.0257	0.00000936	5.12	8.7	0.0581	0.00178	21.8	0.0083	0.0133	0.000114	0.000477	0.000333	0.25	0.0000026	0.000831	0.00047	0.00142	0.00011
2066 Jun	245	0.1	0.453	0.0102	37.2	0.074	96.4	0.00321	0.000945	0.00000556	0.0055	0.0042	0.102	0.0153	0.00000646	31.2	0.000024	0.00223	0.000248	0.00186	0.026	0.00000961	5.23	8.94	0.0596	0.00183	21.7	0.00853	0.0136	0.000116	0.00049	0.000341	0.256	0.0000026	0.000854	0.000481	0.00143	0.000112
2066 Jul	247	0.101	0.455	0.0102	37.3	0.0745	97.2	0.00323	0.000948	0.00000558	0.00553	0.00423	0.103	0.0153	0.00000649	31.4	0.0000242	0.00225	0.000249	0.00187	0.0262	0.00000968	5.27	9.01	0.0601	0.00184	21.8	0.0086	0.0136	0.000117	0.000494	0.000343	0.258	0.0000026	0.000861	0.000485	0.00144	0.000113
2066 Aug	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.0000026	0.000863	0.000486	0.00144	0.000113
2066 Sep	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00424	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.0000026	0.000863	0.000486	0.00144	0.000113
2066 Oct	247	0.101	0.455	0.0102	37.4	0.0746	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000863	0.000485	0.00144	0.000113
2066 Nov	247	0.101	0.455	0.0102	37.4	0.0746	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000969	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000862	0.000485	0.00144	0.000113
2066 Dec	247	0.101	0.455	0.0102	37.4	0.0746	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000862	0.000485	0.00144	0.000113
2067 Jan	247	0.101	0.455	0.0102	37.4	0.0746	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000862	0.000485	0.00144	0.000113
2067 Feb	247	0.101	0.455	0.0102	37.4	0.0746	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000862	0.000485	0.00144	0.000113
2067 Mar	247	0.101	0.455	0.0102	37.4	0.0746	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000863	0.000485	0.00144	0.000113
2067 Apr	247	0.101	0.455	0.0102	37.4	0.0747	97.3	0.00323	0.000949	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.02	0.0602	0.00184	21.8	0.00861	0.0137	0.000117	0.000494	0.000344	0.259	0.0000026	0.000863	0.000485	0.00144	0.000113
2067 May	247	0.101	0.456	0.0102	37.4	0.0747	97.4	0.00324	0.00095	0.00000559	0.00554	0.00423	0.103	0.0154	0.0000065	31.4	0.0000242	0.00225	0.00025	0.00188	0.0262	0.0000097	5.28	9.03	0.0602	0.00184	21.9	0.00861	0.0137	0.000117	0.000495	0.000344	0.259	0.0000026	0.000863	0.000486	0.00144	0.000113
2067 Jun	248	0.101	0.455	0.0102	37.4	0.0753	98.4	0.00325	0.000948	0.0000056	0.00558	0.00428	0.104	0.0155	0.0000065	31.7	0.0000244	0.00228	0.000252	0.00189	0.0264	0.00000981	5.33	9.13	0.0609	0.00186	21.8	0.00872	0.0138	0.000118	0.0005	0.000347	0.262	0.0000026	0.000873	0.000491	0.00145	0.000114
2067 Jul	249	0.101	0.457	0.0103	37.4	0.0756	98.8	0.00326	0.000951	0.00000561	0.00559	0.00429	0.105	0.0155	0.0000065	31.8	0.0000245	0.00229	0.000253	0.0019	0.0265	0.00000985	5.35	9.17	0.0612	0.00187	21.9	0.00875	0.0138	0.000119	0.000502	0.000348	0.263	0.0000026	0.000877	0.000493	0.00145	0.000114
2067 Aug	249	0.101	0.457	0.0103	37.5	0.0757	98.9	0.00327	0.000952	0.00000562	0.0056	0.0043	0.105	0.0156	0.0000065	31.9	0.0000246	0.0023	0.000253	0.0019	0.0265	0.00000986	5.36	9.18	0.0612	0.00187	21.9	0.00876	0.0138	0.000119	0.000503	0.000349	0.263	0.0000026	0.000878	0.000494	0.00145	0.000115
2067 Sep	249	0.101	0.457	0.0103	37.5	0.0757	98.9	0.00327	0.000952	0.00000562	0.0056	0.0043	0.105	0.0156	0.0000065	31.9	0.0000246	0.0023	0.000253	0.0019	0.0265	0.00000987	5.36	9.18	0.0613	0.00187	21.9	0.00876	0.0138	0.000119	0.000503	0.000349	0.263	0.0000026	0.000878	0.000494	0.00145	0.000115

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2067 Oct	249	0.101	0.457	0.0103	37.5	0.0757	98.9	0.00327	0.000951	0.00000562	0.0056	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000253	0.0019	0.0265	0.00000987	5.36	9.18	0.0613	0.00187	21.9	0.00876	0.0138	0.000119	0.000503	0.000349	0.263	0.00000268	0.000878	0.000494	0.00145	0.000115
2067 Nov	249	0.101	0.457	0.0103	37.5	0.0758	99.1	0.00327	0.000951	0.00000562	0.0056	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000253	0.0019	0.0265	0.00000988	5.36	9.19	0.0613	0.00188	21.9	0.00877	0.0139	0.000119	0.000504	0.000349	0.263	0.00000268	0.000879	0.000494	0.00145	0.000115
2067 Dec	250	0.101	0.457	0.0103	37.5	0.0758	99.1	0.00327	0.000951	0.00000562	0.0056	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000254	0.0019	0.0265	0.00000988	5.37	9.19	0.0613	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.000349	0.263	0.00000268	0.000879	0.000494	0.00145	0.000115
2068 Jan	250	0.101	0.457	0.0103	37.5	0.0758	99.1	0.00327	0.000951	0.00000562	0.00561	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000254	0.00191	0.0265	0.00000988	5.37	9.19	0.0613	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.000349	0.263	0.00000268	0.000879	0.000494	0.00145	0.000115
2068 Feb	250	0.101	0.457	0.0103	37.5	0.0758	99.1	0.00327	0.000951	0.00000562	0.00561	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000254	0.00191	0.0265	0.00000988	5.37	9.19	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.000349	0.263	0.00000268	0.000879	0.000494	0.00145	0.000115
2068 Mar	250	0.101	0.457	0.0103	37.5	0.0758	99.1	0.00327	0.000951	0.00000562	0.00561	0.0043	0.105	0.0156	0.00000654	31.9	0.0000246	0.0023	0.000254	0.00191	0.0265	0.00000988	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.000349	0.264	0.00000268	0.00088	0.000494	0.00145	0.000115
2068 Apr	250	0.101	0.457	0.0103	37.5	0.0758	99.1	0.00327	0.000952	0.00000562	0.00561	0.00431	0.105	0.0156	0.00000655	31.9	0.0000246	0.0023	0.000254	0.00191	0.0266	0.00000989	5.37	9.2	0.0614	0.00188	21.9	0.00878	0.0139	0.000119	0.000504	0.00035	0.264	0.00000269	0.00088	0.000495	0.00146	0.000115
2068 May	250	0.102	0.457	0.0103	37.5	0.076	99.4	0.00328	0.000952	0.00000563	0.00562	0.00432	0.105	0.0156	0.00000655	32	0.0000247	0.00231	0.000254	0.00191	0.0266	0.00000992	5.38	9.23	0.0616	0.00188	21.9	0.00881	0.0139	0.000119	0.000506	0.000351	0.264	0.00000269	0.000883	0.000496	0.00146	0.000115
2068 Jun	254	0.102	0.456	0.0104	37.3	0.078	103	0.00334	0.000948	0.00000564	0.00572	0.00445	0.109	0.0159	0.0000066	32.9	0.0000254	0.00241	0.000261	0.00196	0.0271	0.0000103	5.54	9.55	0.0638	0.00195	21.9	0.00913	0.0142	0.000123	0.000523	0.000361	0.273	0.00000271	0.000915	0.000513	0.00148	0.000118
2068 Jul	254	0.102	0.456	0.0104	37.3	0.0782	103	0.00335	0.000949	0.00000565	0.00573	0.00446	0.11	0.016	0.00000661	33	0.0000255	0.00242	0.000262	0.00196	0.0272	0.0000103	5.56	9.59	0.064	0.00196	21.9	0.00916	0.0142	0.000124	0.000525	0.000362	0.274	0.00000271	0.000918	0.000514	0.00148	0.000119
2068 Aug	255	0.102	0.457	0.0104	37.4	0.0784	103	0.00336	0.000951	0.00000566	0.00574	0.00447	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.57	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000526	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Sep	255	0.102	0.457	0.0104	37.4	0.0784	103	0.00336	0.000951	0.00000566	0.00574	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.57	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000526	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Oct	255	0.102	0.457	0.0104	37.4	0.0784	103	0.00336	0.000951	0.00000566	0.00574	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Nov	255	0.102	0.458	0.0104	37.4	0.0784	103	0.00336	0.000951	0.00000566	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2068 Dec	255	0.102	0.458	0.0104	37.4	0.0784	103	0.00336	0.000951	0.00000566	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Jan	255	0.102	0.458	0.0104	37.4	0.0784	103	0.00336	0.000951	0.00000566	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Feb	255	0.102	0.458	0.0104	37.5	0.0784	103	0.00336	0.000951	0.00000566	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Mar	255	0.102	0.458	0.0104	37.5	0.0784	103	0.00336	0.000951	0.00000566	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 Apr	255	0.102	0.458	0.0104	37.5	0.0784	103	0.00336	0.000951	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.1	0.0000255	0.00242	0.000263	0.00197	0.0273	0.0000103	5.58	9.61	0.0642	0.00196	21.9	0.00918	0.0143	0.000124	0.000527	0.000363	0.275	0.00000272	0.00092	0.000516	0.00149	0.000119
2069 May	255	0.102	0.458	0.0104	37.5	0.0785	103	0.00336	0.000952	0.00000567	0.00575	0.00448	0.11	0.016	0.00000663	33.2	0.0000255	0.00243	0.000263	0.00197	0.0273	0.0000103	5.58	9.62	0.0642	0.00196	22	0.00919	0.0143	0.000124	0.000527	0.000364	0.275	0.00000272	0.000921	0.000516	0.00149	0.000119
2069 Jun	257	0.102	0.457	0.0105	37.4	0.0793	105	0.00339	0.000951	0.00000568	0.00579	0.00454	0.112	0.0162	0.00000665	33.5	0.0000259	0.00246	0.000266	0.00199	0.0275	0.0000105	5.65	9.75	0.0651	0.00199	21.9	0.00932	0.0144	0.000125	0.000535	0.000368	0.279	0.00000273	0.000934	0.000523	0.0015	0.000121
2069 Jul	258	0.102	0.458	0.0105	37.4	0.0797	105	0.00341	0.000953	0.00000569	0.00582	0.00456	0.113	0.0162	0.00000668	33.7	0.000026	0.00248	0.000267	0.002	0.0276	0.0000105	5.68	9.82	0.0655	0.002	22	0.00938	0.0145	0.000126	0.000538	0.00037	0.281	0.00000274	0.00094	0.000526	0.0015	0.000121
2069 Aug	258	0.103	0.459	0.0105	37.5	0.0799	106	0.00341	0.000954	0.0000057	0.00583	0.00457	0.113	0.0163	0.00000669	33.8	0.000026	0.00249	0.000268	0.002	0.0277	0.0000105	5.69	9.83	0.0656	0.00201	22	0.0094	0.0145	0.000126	0.000539	0.000371	0.281	0.00000274	0.000942	0.000527	0.0015	0.000122
2069 Sep	259	0.103	0.458	0.0105	37.4	0.08	106	0.00341	0.000953	0.0000057	0.00583	0.00458	0.113	0.0163	0.00000669	33.8	0.0000261	0.00249	0.000268	0.00201	0.0277	0.0000106	5.7	9.86	0.0658	0.00201	22	0.00942	0.0145	0.000126	0.00054	0.000372	0.282	0.00000274	0.000944	0.000528	0.00151	0.000122
2069 Oct	260	0.103	0.457	0.0105	37.4	0.0806	107	0.00343	0.000951	0.0000057	0.00586	0.00462	0.114	0.0164	0.0000067	34.1	0.0000263	0.00252	0.00027	0.00202	0.0278	0.0000107	5.75	9.95	0.0664	0.00203	21.9	0.00951	0.0146	0.000127	0.000545	0.000375	0.284	0.00000275	0.000954	0.000532	0.00151	0.000123
2069 Nov	260	0.103	0.457	0.0105	37.3	0.0807	107	0.00344	0.000951	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.1	0.0000263	0.00253	0.00027	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	21.9	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2069 Dec	260	0.103	0.457	0.0105	37.3	0.0807	107	0.00344	0.000951	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.1	0.0000263	0.00253	0.00027	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	21.9	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Jan	260	0.103	0.457	0.0105	37.3	0.0807	107	0.00344	0.000951	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.1	0.0000263	0.00253	0.00027	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	21.9	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Feb	260	0.103	0.457	0.0105	37.3	0.0807	107	0.00344	0.000951	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	21.9	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Mar	260	0.103	0.457	0.0105	37.3	0.0807	107	0.00344	0.000951	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	21.9	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 Apr	260	0.103	0.457	0.0105	37.4	0.0807	107	0.00344	0.000951	0.0000057	0.00587	0.00463	0.114	0.0164	0.0000067	34.2	0.0000263	0.00253	0.00027	0.00202	0.0278	0.0000107	5.76	9.97	0.0665	0.00203	21.9	0.00953	0.0146	0.000127	0.000546	0.000375	0.285	0.00000275	0.000955	0.000533	0.00151	0.000123
2070 May	260	0.103	0.457	0.0106	37.4	0.0808	107	0.00344	0.000952	0.0000057	0.00588	0.00464	0.115	0.0164	0.0000067	34.2	0.0000264	0.00253	0.00027	0.00203	0.0279	0.0000107	5.77	9.99	0.0667	0.00204	21.9	0.00955	0.0146	0.000127	0.000548	0.000376	0.285	0.00000275	0.000958	0.000535	0.00151	0.000123
2070 Jun	262	0.103	0.456	0.0106	37.3	0.0817	109	0.00347	0.000951	0.0000057	0.00592	0.0047	0.116	0.0165	0.0000673	34.6	0.0000267	0.00257	0.000274	0.00204	0.0281	0.0000109	5.84	10.1	0.0676	0.00207	21.9	0.00968	0.0148	0.000129	0.000555	0.000381	0.289	0.00000276	0.000971	0.000542	0.00152	0.000125
2070 Jul	262	0.103	0.457	0.0106	37.3	0.0818	109	0.00348	0.000952	0.0000057	0.00593	0.00471	0.117	0.0166	0.0000674	34.7	0.0000267	0.00258	0.000274	0.00205	0.0282	0.0000109	5.85	10.2	0.0678	0.00207	21.9	0.0097	0.0148	0.000129	0.000556	0.000382	0.29	0.00000277	0.000973	0.000543	0.00153	0.000125
2070 Aug	263	0.103	0.458	0.0106	37.4	0.082	109	0.00349	0.000954	0.0000057	0.00594	0.00471	0.117	0.0166	0.0000675	34.8	0.0000268	0.00258	0.000275	0.00205	0.0282	0.0000109	5.86	10.2	0.0679	0.00207	22	0.00972	0.0148	0.000129	0.000557	0.000382	0.29	0.00000277	0.000974	0.000544	0.00153	0.000125
2070 Sep	263	0.103	0.457	0.0106	37.4	0.082	109	0.00349	0.000953	0.0000057	0.00594	0.00472	0.117	0.0166	0.0000675	34.8	0.0000268	0.00259	0.000275	0.00205	0.0282	0.0000109	5.86	10.2	0.0679	0.00208	22	0.00972	0.0148	0.000129	0.000557	0.000382	0.29	0.00000277	0.000975	0.000544	0.00153	0.000125
2070 Oct	263	0.103	0.457	0.0106	37.3	0.0822	110	0.0035	0.000953	0.0000057	0.00595	0.00473	0.117	0.0166	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0282	0.0000109	5.89	10.2	0.0682	0.00208	21.9	0.00977	0.0149	0.00013	0.00056	0.000384	0.291	0.00000277	0.000979	0.000546	0.00153	0.000126
2070 Nov	263	0.103	0.457	0.0106	37.3	0.0823	110	0.0035	0.000953	0.0000057	0.00596	0.00474	0.117	0.0167	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0283	0.000011	5.89	10.2	0.0682	0.00209	21.9	0.00977	0.0149	0.00013	0.00056	0.000384	0.292	0.00000277	0.00098	0.000546	0.00153	0.000126
2070 Dec	263	0.103	0.457	0.0106	37.3	0.0823	110	0.0035	0.000953	0.0000057	0.00596	0.00474	0.117	0.0167	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0283	0.000011	5.89	10.2	0.0682	0.00209	21.9	0.00977	0.0149	0.00013	0.00056	0.000384	0.292	0.00000277	0.00098	0.000546	0.00153	0.000126
2071 Jan	263	0.103	0.457	0.0106	37.3	0.0823	110	0.0035	0.000953	0.0000057	0.00596	0.00474	0.117	0.0167	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0283	0.000011	5.89	10.2	0.0682	0.00209	21.9	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000277	0.00098	0.000546	0.00153	0.000126
2071 Feb	263	0.103	0.457	0.0106	37.3	0.0823	110	0.0035	0.000953	0.0000057	0.00596	0.00474	0.117	0.0167	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	21.9	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000277	0.00098	0.000546	0.00153	0.000126
2071 Mar	263	0.103	0.457	0.0106	37.3	0.0823	110	0.0035	0.000953	0.0000057	0.00596	0.00474	0.117	0.0167	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	21.9	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000277	0.00098	0.000546	0.00153	0.000126
2071 Apr	263	0.103	0.457	0.0106	37.3	0.0823	110	0.0035	0.000953	0.0000057	0.00596	0.00474	0.117	0.0167	0.0000676	34.9	0.0000269	0.0026	0.000276	0.00206	0.0283	0.000011	5.89	10.2	0.0683	0.00209	21.9	0.00978	0.0149	0.00013	0.00056	0.000384	0.292	0.00000277	0.00098	0.000546	0.00153	0.000126
2071 May	264	0.103	0.457	0.0106	37.3	0.0824	110	0.0035	0.000953	0.0000057	0.00596	0.00475	0.118	0.0167	0.0000676	35	0.000027	0.00261	0.000276	0.00206	0.0283	0.000011	5.9	10.2	0.0684	0.00209	21.9	0.00979	0.0149	0.00013	0.00056	0.000385	0.292	0.00000278	0.000982	0.000547	0.00153	0.000126
2071 Jun	266	0.103	0.455	0.0107	37.1	0.0834	112	0.00354	0.00095	0.0000057	0.00601	0.00482	0.12	0.0168	0.0000679	35.5	0.0000273	0.00266	0.00028	0.00209	0.0286	0.0000111	5.99	10.4	0.0695	0.00213	21.9	0.00996	0.015	0.000132	0.000571	0.000391	0.297	0.00000279	0.000998	0.000556	0.00154	0.000128
2071 Jul	266	0.103	0.455	0.0107	37.2	0.0838	112	0.00355	0.000951	0.0000057	0.00603	0.00484	0.12	0.0169	0.0000068	35.6	0.0000274	0.00267	0.000281	0.00209	0.0286	0.0000112	6.01	10.5	0.0699	0.00214	21.9	0.01	0.0151	0.000132	0.000573	0.000392	0.298	0.00000279	0.001	0.000558	0.00155	0.000129
2071 Aug	267	0.103	0.456	0.0107	37.2	0.0839	112	0.00356	0.000953	0.0000057	0.00604	0.00485	0.12	0.0169	0.00000681	35.7	0.0000275	0.00267	0.000281	0.0021	0.0287	0.0000112	6.02	10.5	0.07	0.00214	21.9	0.01	0.0151	0.000133	0.000574	0.000393	0.299	0.0000028	0.001	0.000559	0.00155	0.000129
2071 Sep	267	0.103	0.456	0.0107	37.2	0.0839	112	0.00356	0.000953	0.0000057	0.00604	0.00485	0.12	0.0169	0.00000681	35.7	0.0000275	0.00267	0.000281	0.0021	0.0287	0.0000112	6.02	10.5	0.0699	0.00214	21.9	0.01	0.0151	0.000133	0.000574	0.000393	0.298	0.0000028	0.001	0.000559	0.00155	0.000129
2071 Oct	267	0.103	0.455	0.0107	37.2	0.084	113	0.00356	0.000952	0.0000057	0.00605	0.00486	0.121	0.0169	0.00000681	35.7	0.0000275	0.00268	0.000282	0.0021	0.0287	0.0000112	6.03	10.5	0.0701	0.00214	21.9	0.01	0.0151	0.000133	0.000575	0.000394	0.299	0.0000028	0.00101	0.00056	0.00155	0.000129
2071 Nov	267	0.103	0.455	0.0107	37.2	0.0841	113	0.00356	0.000952	0.0000057	0.00605	0.00487	0.121	0.0169	0.00000682	35.8	0.0000275	0.00269	0.000282	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2071 Dec	267	0.103	0.455	0.0107	37.2	0.0841	113	0.00357	0.000952	0.0000057	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Jan	267	0.103	0.455	0.0107	37.2	0.0841	113	0.00357	0.000952	0.0000057	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Feb	267	0.103	0.455	0.0107	37.2	0.0841	113	0.00357	0.000952	0.0000057	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.00101	0.000561	0.00155	0.000129
2072 Mar	267	0.103	0.455	0.0107	37.2	0.0841	113	0.00357	0.000952	0.0000057	0.00605	0.00487	0.121	0.017	0.00000682	35.8	0.0000276	0.00269	0.000282	0.0021	0.0287	0.0000113	6.04	10.5	0.0702	0.00215	21.9	0.0101	0.0151	0.000133	0.000576	0.000394	0.3	0.0000028	0.

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2075 Oct	284	0.103	0.445	0.0111	36.3	0.0923	126	0.00389	0.000954	0.0000059	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.71	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2075 Nov	284	0.103	0.445	0.0111	36.3	0.0923	126	0.00389	0.000954	0.0000059	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2075 Dec	284	0.103	0.445	0.0111	36.3	0.0923	126	0.00389	0.000954	0.0000059	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2076 Jan	284	0.103	0.445	0.0111	36.3	0.0923	126	0.00389	0.000954	0.0000059	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2076 Feb	284	0.103	0.445	0.0111	36.3	0.0923	126	0.00389	0.000954	0.0000059	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2076 Mar	284	0.103	0.445	0.0111	36.3	0.0923	126	0.00389	0.000954	0.00000591	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2076 Apr	284	0.103	0.445	0.0111	36.3	0.0923	127	0.00389	0.000954	0.00000591	0.00649	0.00545	0.137	0.0183	0.00000709	39.7	0.0000304	0.00306	0.00031	0.0023	0.0308	0.0000126	6.72	11.8	0.079	0.00242	21.5	0.0113	0.0164	0.000146	0.000647	0.00044	0.335	0.00000292	0.00113	0.000625	0.00165	0.000145
2076 May	284	0.103	0.445	0.0111	36.4	0.0924	127	0.00389	0.000954	0.00000591	0.00649	0.00545	0.137	0.0183	0.0000071	39.7	0.0000305	0.00306	0.00031	0.0023	0.0309	0.0000126	6.72	11.8	0.0791	0.00242	21.5	0.0113	0.0164	0.000146	0.000648	0.00044	0.335	0.00000292	0.00114	0.000626	0.00165	0.000145
2076 Jun	285	0.103	0.442	0.0111	36.1	0.093	128	0.00391	0.000952	0.00000591	0.00652	0.0055	0.138	0.0184	0.00000711	40	0.0000307	0.0031	0.000313	0.00231	0.031	0.0000127	6.77	11.9	0.0798	0.00244	21.4	0.0114	0.0165	0.000148	0.000653	0.000443	0.338	0.00000292	0.00115	0.000631	0.00166	0.000146
2076 Jul	286	0.103	0.442	0.0111	36.2	0.0933	128	0.00393	0.000953	0.00000592	0.00654	0.00552	0.139	0.0185	0.00000712	40.2	0.0000308	0.00311	0.000314	0.00232	0.0311	0.0000128	6.8	12	0.0802	0.00245	21.4	0.0115	0.0166	0.000148	0.000656	0.000445	0.34	0.00000293	0.00115	0.000634	0.00166	0.000147
2076 Aug	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314	0.00233	0.0312	0.0000128	6.82	12	0.0804	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000446	0.34	0.00000294	0.00115	0.000635	0.00166	0.000147
2076 Sep	287	0.104	0.443	0.0112	36.3	0.0936	129	0.00394	0.000956	0.00000593	0.00656	0.00554	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000315	0.00233	0.0312	0.0000128	6.82	12	0.0804	0.00246	21.5	0.0115	0.0166	0.000148	0.000658	0.000447	0.341	0.00000294	0.00115	0.000635	0.00166	0.000148
2076 Oct	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000713	40.3	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2076 Nov	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000713	40.2	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00245	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2076 Dec	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000713	40.2	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2077 Jan	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000713	40.2	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2077 Feb	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000713	40.2	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2077 Mar	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000713	40.2	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2077 Apr	287	0.103	0.443	0.0112	36.2	0.0935	128	0.00393	0.000955	0.00000593	0.00656	0.00553	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000314	0.00232	0.0312	0.0000128	6.81	12	0.0803	0.00246	21.5	0.0115	0.0166	0.000148	0.000657	0.000446	0.34	0.00000293	0.00115	0.000635	0.00166	0.000147
2077 May	287	0.103	0.443	0.0112	36.2	0.0936	129	0.00394	0.000955	0.00000593	0.00657	0.00554	0.139	0.0185	0.00000714	40.3	0.0000309	0.00312	0.000315	0.00233	0.0313	0.0000128	6.83	12	0.0805	0.00246	21.5	0.0115	0.0166	0.000149	0.000659	0.000447	0.341	0.00000294	0.00116	0.000636	0.00167	0.000148
2077 Jun	288	0.103	0.439	0.0112	36	0.0945	130	0.00397	0.000953	0.00000594	0.00661	0.00561	0.141	0.0187	0.00000716	40.8	0.0000312	0.00317	0.000318	0.00235	0.0315	0.000013	6.9	12.2	0.0815	0.00249	21.3	0.0116	0.0168	0.000151	0.000667	0.000452	0.345	0.00000295	0.00117	0.000644	0.00167	0.000149
2077 Jul	289	0.103	0.44	0.0112	36	0.0946	130	0.00398	0.000955	0.00000595	0.00662	0.00562	0.141	0.0187	0.00000717	40.9	0.0000313	0.00317	0.000319	0.00235	0.0316	0.000013	6.91	12.2	0.0817	0.0025	21.4	0.0117	0.0168	0.000151	0.000668	0.000453	0.346	0.00000295	0.00117	0.000645	0.00168	0.00015
2077 Aug	290	0.103	0.441	0.0112	36.1	0.0948	131	0.00399	0.000957	0.00000596	0.00663	0.00563	0.141	0.0188	0.00000719	40.9	0.0000314	0.00318	0.00032	0.00236	0.0316	0.000013	6.93	12.2	0.0819	0.0025	21.4	0.0117	0.0168	0.000151	0.000669	0.000454	0.346	0.00000296	0.00117	0.000646	0.00168	0.00015
2077 Sep	290	0.103	0.44	0.0112	36	0.0949	131	0.00399	0.000956	0.00000596	0.00664	0.00564	0.142	0.0188	0.00000719	41	0.0000314	0.00318	0.00032	0.00236	0.0316	0.000013	6.94	12.2	0.082	0.0025	21.4	0.0117	0.0168	0.000151	0.00067	0.000455	0.347	0.00000296	0.00118	0.000647	0.00168	0.00015
2077 Oct	290	0.103	0.439	0.0112	36	0.0951	131	0.004	0.000955	0.00000596	0.00664	0.00565	0.142	0.0188	0.00000719	41.1	0.0000314	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000455	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2077 Nov	290	0.103	0.439	0.0112	36	0.0951	131	0.004	0.000955	0.00000596	0.00665	0.00565	0.142	0.0188	0.00000719	41.1	0.0000314	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2077 Dec	290	0.103	0.439	0.0112	36	0.0951	131	0.004	0.000955	0.00000596	0.00665	0.00565	0.142	0.0188	0.00000719	41.1	0.0000314	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2078 Jan	290	0.103	0.439	0.0112	36	0.0951	131	0.004	0.000955	0.00000596	0.00665	0.00565	0.142	0.0188	0.00000719	41.1	0.0000314	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2078 Feb	290	0.103	0.439	0.0112	36	0.0951	131	0.004	0.000955	0.00000596	0.00665	0.00565	0.142	0.0188	0.00000719	41.1	0.0000315	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2078 Mar	290	0.103	0.439	0.0112	36	0.0951	131	0.004	0.000956	0.00000596	0.00665	0.00565	0.142	0.0188	0.00000719	41.1	0.0000315	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000648	0.00168	0.000151
2078 Apr	290	0.103	0.44	0.0112	36	0.0951	131	0.004	0.000956	0.00000596	0.00665	0.00566	0.142	0.0188	0.00000719	41.1	0.0000315	0.00319	0.00032	0.00236	0.0317	0.0000131	6.95	12.3	0.0822	0.00251	21.4	0.0117	0.0169	0.000152	0.000672	0.000456	0.348	0.00000296	0.00118	0.000649	0.00168	0.000151
2078 May	291	0.103	0.438	0.0112	35.9	0.0956	132	0.00402	0.000956	0.00000597	0.00667	0.00569	0.143	0.0189	0.00000721	41.3	0.0000316	0.00322	0.000322	0.00238	0.0319	0.0000132	6.99	12.4	0.0828	0.00253	21.3	0.0118	0.017	0.000153	0.000676	0.000458	0.35	0.00000297	0.00119	0.000653	0.00169	0.000152
2078 Jun	293	0.103	0.435	0.0113	35.7	0.0964	134	0.00406	0.000953	0.00000597	0.00671	0.00576	0.145	0.019	0.00000723	41.8	0.0000319	0.00326	0.000326	0.0024	0.0321	0.0000133	7.07	12.5	0.0838	0.00256	21.2	0.0119	0.0171	0.000155	0.000684	0.000463	0.354	0.00000298	0.0012	0.00066	0.0017	0.000154
2078 Jul	293	0.103	0.436	0.0113	35.8	0.0967	134	0.00407	0.000956	0.00000599	0.00673	0.00577	0.145	0.0191	0.00000724	41.9	0.000032	0.00327	0.000327	0.0024	0.0322	0.0000133	7.09	12.5	0.084	0.00256	21.2	0.012	0.0171	0.000155	0.000686	0.000465	0.355	0.00000298	0.0012	0.000662	0.0017	0.000154
2078 Aug	294	0.103	0.436	0.0113	35.8	0.0968	134	0.00407	0.000957	0.00000599	0.00674	0.00578	0.145	0.0191	0.00000725	41.9	0.0000321	0.00327	0.000327	0.0024	0.0322	0.0000133	7.09	12.5	0.0841	0.00257	21.3	0.012	0.0171	0.000155	0.000687	0.000465	0.355	0.00000299	0.0012	0.000663	0.0017	0.000154
2078 Sep	294	0.103	0.436	0.0113	35.8	0.0968	134	0.00407	0.000957	0.000006	0.00674	0.00578	0.145	0.0191	0.00000726	41.9	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.3	0.012	0.0171	0.000156	0.000687	0.000465	0.355	0.00000299	0.0012	0.000663	0.0017	0.000154
2078 Oct	294	0.103	0.436	0.0113	35.8	0.0968	134	0.00408	0.000957	0.00000599	0.00674	0.00578	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.2	0.012	0.0172	0.000156	0.000687	0.000466	0.355	0.00000299	0.00121	0.000663	0.0017	0.000154
2078 Nov	294	0.103	0.436	0.0113	35.8	0.0969	134	0.00408	0.000957	0.00000599	0.00674	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.2	0.012	0.0172	0.000156	0.000687	0.000466	0.355	0.00000299	0.00121	0.000663	0.0017	0.000154
2078 Dec	294	0.103	0.436	0.0113	35.8	0.0969	134	0.00408	0.000957	0.00000599	0.00674	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.2	0.012	0.0172	0.000156	0.000687	0.000466	0.355	0.00000299	0.00121	0.000663	0.0017	0.000154
2079 Jan	294	0.103	0.436	0.0113	35.8	0.0969	134	0.00408	0.000957	0.00000599	0.00674	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.2	0.012	0.0172	0.000156	0.000687	0.000466	0.355	0.00000299	0.00121	0.000663	0.0017	0.000154
2079 Feb	294	0.103	0.436	0.0113	35.8	0.0969	134	0.00408	0.000957	0.00000599	0.00674	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.2	0.012	0.0172	0.000156	0.000687	0.000466	0.355	0.00000299	0.00121	0.000663	0.0017	0.000154
2079 Mar	294	0.103	0.436	0.0113	35.8	0.0969	134	0.00408	0.000957	0.00000599	0.00674	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0322	0.0000134	7.1	12.6	0.0842	0.00257	21.2	0.012	0.0172	0.000156	0.000687	0.000466	0.356	0.00000299	0.00121	0.000663	0.0017	0.000154
2079 Apr	294	0.103	0.436	0.0113	35.8	0.0969	134	0.00408	0.000957	0.000006	0.00674	0.00579	0.145	0.0191	0.00000726	42	0.0000321	0.00327	0.000327	0.00241	0.0323	0.0000134	7.1	12.6	0.0842	0.00257	21.3	0.012	0.0172	0.000156	0.000687	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000154
2079 May	294	0.103	0.436	0.0113	35.8	0.097	134	0.00408	0.000958	0.000006	0.00675	0.00579	0.146	0.0191	0.00000726	42	0.0000321	0.00328	0.000327	0.00241	0.0323	0.0000134	7.11	12.6	0.0843	0.00257	21.3	0.012	0.0172	0.000156	0.000688	0.000466	0.356	0.00000299	0.00121	0.000664	0.00171	0.000155
2079 Jun	296	0.103	0.432	0.0113	35.5	0.0978	136	0.00412	0.000955	0.000006	0.00679	0.00586	0.147	0.0193	0.00000728	42.5	0.0000324	0.00332	0.000331	0.00243	0.0325	0.0000135	7.19	12.7	0.0854	0.0026	21.1	0.0122	0.0173	0.000157	0.000696	0.000472	0.36	0.000003	0.00122	0.000672	0.00172	0.000157
2079 Jul	296	0.103	0.432	0.0114	35.5	0.0982	137	0.00413	0.000956	0.00000601	0.00681	0.00589	0.148	0.0193	0.0000073	42.6	0.0000326	0.00334	0.000332	0.00244	0.0326	0.0000136	7.22	12.8	0.0858	0.00262	21.1	0.0122	0.0174	0.000158	0.0007	0.000474	0.362	0.000003	0.00123	0.000675	0.00172	0.000157
2079 Aug	297	0.103	0.433	0.0114	35.6	0.0984	137	0.00414	0.000957	0.00000602	0.00682	0.0059	0.148	0.0194	0.00000731	42.7	0.0000326	0.00334	0.000332	0.00244	0.0327	0.0000136	7.23	12.8	0.0859	0.00262	21.1	0.0122	0.0174	0.000158	0.000701	0.000474	0.362	0.00000301	0.00123	0.000676	0.00172	0.000158
2079 Sep	297	0.103	0.432	0.0114	35.5	0.0985	137	0.00414	0.000957	0.00000602	0.00683	0.0059	0.149	0.0194	0.00000731	42.8	0.0000327	0.00335	0.000333	0.00244	0.0327	0.0000136	7.24	12.8	0.086	0.00262	21.1	0.0122	0.0174	0.000158	0.000702	0.000475	0.363	0.00000301	0.00123	0.000676	0.00172	0.000158
2079 Oct	297	0.103	0.432	0.0114	35.5	0.0986	137	0.00415	0.000956	0.00000602	0.00684	0.00592	0.149	0.0194	0.00000731	42.8	0.0000327	0.00336	0.000333	0.00245	0.0327	0.0000137	7.25	12.8	0.0862	0.00263	21.1	0.0123	0.0174	0.000158	0.000703	0.000476	0.363	0.00000301	0.00123	0.000678	0.00173	0.000158
2079 Nov	298	0.103	0.431	0.0114	35.4	0.0987	138	0.00416	0.000956	0.00000602	0.00684	0.00592	0.149	0.0194	0.00000732	42.9	0.0000327	0.00336	0.000334	0.00245	0.0327	0.0000137	7.26	12.9	0.0863	0.00263	21.1	0.0123	0.0174	0.000159	0.000704	0.000476	0.364	0.00000301	0.00123	0.000678	0.00173	0.000158
2079 Dec	298	0.103	0.431	0.0114	35.4	0.0988	138	0.00416	0.000956	0.00000602	0.00684	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00336	0.000334	0.00245	0.0327	0.0000137	7.26	12.9	0.0863	0.00263	21.1	0.0123	0.0174	0.000159	0.000704	0.000477	0.364	0.00000301	0.00124	0.000679	0.00173	0.000158
2080 Jan	298	0.103	0.431	0.0114	35.4	0.0988	138	0.00416	0.000956	0.00000602	0.00684	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00336	0.000334	0.00245	0.0327	0.0000137	7.26	12.9	0.0864	0.00263	21.1	0.0123	0.0174	0.000159	0.000704	0.000477	0.364	0.00000301	0.00124	0.000679	0.00173	0.000158
2080 Feb	298	0.103	0.431	0.0114	35.4	0.0988	138	0.00416	0.000956	0.00000602	0.00684	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00336	0.000334	0.00245	0.0327	0.0000137	7.26	12.9	0.0864	0.00263	21.1	0.0123	0.0174	0.000159	0.000704	0.000477	0.364	0.00000301	0.00124	0.000679	0.00173	0.000158
2080 Mar	298	0.103	0.431	0.0114	35.4	0.0988	138	0.00416	0.000956	0.00000602	0.00684	0.00593	0.149	0.0194	0.00000732	42.9	0.0000328	0.00336	0.000334	0.00245	0.0327	0.0000137	7.26	12.9	0.0864	0.00263	21.1	0.0123	0.0174	0.000159	0.000704	0.000477	0.364	0.00000301	0.00124	0.000679	0.00173	0.000158
2080 Apr	298	0.103	0.431	0.0114	35.4	0.

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2083 Oct	311	0.101	0.415	0.0116	34.3	0.105	149	0.00444	0.000959	0.00000614	0.00719	0.00641	0.161	0.0204	0.00000754	46	0.000035	0.00366	0.000355	0.0026	0.0343	0.0000147	7.8	13.9	0.0932	0.00285	20.5	0.0133	0.0184	0.000167	0.00076	0.000513	0.391	0.00000311	0.00133	0.000728	0.0018	0.000172
2083 Nov	311	0.101	0.414	0.0116	34.3	0.105	149	0.00444	0.000958	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000754	46.1	0.000035	0.00366	0.000355	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000167	0.000761	0.000514	0.392	0.00000311	0.00133	0.000728	0.0018	0.000173
2083 Dec	311	0.101	0.414	0.0116	34.3	0.105	149	0.00445	0.000958	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000754	46.1	0.00000351	0.00366	0.000355	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000167	0.000761	0.000514	0.392	0.00000311	0.00133	0.000728	0.0018	0.000173
2084 Jan	311	0.101	0.414	0.0116	34.3	0.105	149	0.00445	0.000958	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000754	46.1	0.00000351	0.00366	0.000355	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000167	0.000761	0.000514	0.392	0.00000311	0.00133	0.000728	0.0018	0.000173
2084 Feb	311	0.101	0.414	0.0116	34.3	0.105	149	0.00445	0.000958	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000754	46.1	0.00000351	0.00366	0.000355	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000167	0.000761	0.000514	0.392	0.00000311	0.00133	0.000728	0.00181	0.000173
2084 Mar	311	0.101	0.414	0.0116	34.3	0.105	149	0.00445	0.000958	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000754	46.1	0.00000351	0.00366	0.000355	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000167	0.000761	0.000514	0.392	0.00000311	0.00133	0.000728	0.00181	0.000173
2084 Apr	311	0.101	0.414	0.0116	34.3	0.105	149	0.00445	0.000959	0.00000614	0.00719	0.00642	0.162	0.0204	0.00000754	46.1	0.00000351	0.00366	0.000355	0.0026	0.0343	0.0000147	7.81	13.9	0.0933	0.00285	20.5	0.0133	0.0184	0.000168	0.000761	0.000514	0.392	0.00000311	0.00133	0.000729	0.00181	0.000173
2084 May	311	0.101	0.414	0.0117	34.2	0.105	149	0.00446	0.000959	0.00000614	0.0072	0.00643	0.162	0.0205	0.00000755	46.2	0.00000351	0.00367	0.000356	0.00261	0.0344	0.0000148	7.83	13.9	0.0935	0.00286	20.5	0.0133	0.0184	0.000168	0.000763	0.000515	0.393	0.00000312	0.00134	0.00073	0.00181	0.000173
2084 Jun	312	0.101	0.41	0.0117	34	0.106	150	0.00448	0.000956	0.00000614	0.00723	0.00648	0.163	0.0206	0.00000756	46.5	0.00000353	0.0037	0.000358	0.00262	0.0345	0.0000149	7.88	14	0.0943	0.00288	20.3	0.0134	0.0185	0.000169	0.000768	0.000519	0.395	0.00000312	0.00135	0.000735	0.00181	0.000174
2084 Jul	313	0.101	0.411	0.0117	34	0.106	151	0.00449	0.000958	0.00000615	0.00724	0.0065	0.164	0.0206	0.00000757	46.6	0.00000354	0.00371	0.000359	0.00262	0.0346	0.0000149	7.9	14.1	0.0945	0.00289	20.3	0.0134	0.0186	0.00017	0.00077	0.00052	0.396	0.00000313	0.00135	0.000737	0.00182	0.000175
2084 Aug	313	0.101	0.411	0.0117	34.1	0.106	151	0.0045	0.00096	0.00000616	0.00725	0.00651	0.164	0.0206	0.00000759	46.7	0.00000355	0.00371	0.000359	0.00263	0.0346	0.0000149	7.91	14.1	0.0946	0.00289	20.4	0.0134	0.0186	0.00017	0.000771	0.000521	0.397	0.00000313	0.00135	0.000738	0.00182	0.000175
2084 Sep	313	0.101	0.411	0.0117	34.1	0.106	151	0.0045	0.000959	0.00000616	0.00726	0.00651	0.164	0.0206	0.00000758	46.7	0.00000355	0.00371	0.000359	0.00263	0.0346	0.0000149	7.91	14.1	0.0946	0.00289	20.4	0.0134	0.0186	0.00017	0.000771	0.000521	0.397	0.00000313	0.00135	0.000738	0.00182	0.000175
2084 Oct	313	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00652	0.164	0.0207	0.00000759	46.7	0.00000355	0.00372	0.00036	0.00263	0.0346	0.000015	7.92	14.1	0.0948	0.0029	20.3	0.0135	0.0186	0.00017	0.000772	0.000522	0.398	0.00000313	0.00135	0.000739	0.00182	0.000176
2084 Nov	313	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00653	0.164	0.0207	0.00000759	46.8	0.00000355	0.00372	0.00036	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.3	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2084 Dec	313	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00653	0.164	0.0207	0.00000759	46.8	0.00000355	0.00372	0.00036	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.3	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2085 Jan	313	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00653	0.164	0.0207	0.00000759	46.8	0.00000355	0.00372	0.00036	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.3	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2085 Feb	313	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00653	0.164	0.0207	0.00000759	46.8	0.00000355	0.00372	0.00036	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.3	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2085 Mar	313	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00653	0.164	0.0207	0.00000759	46.8	0.00000355	0.00372	0.00036	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.3	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2085 Apr	314	0.101	0.41	0.0117	34	0.106	151	0.00451	0.000959	0.00000616	0.00726	0.00653	0.164	0.0207	0.00000759	46.8	0.00000356	0.00372	0.00036	0.00263	0.0347	0.000015	7.93	14.1	0.0949	0.0029	20.3	0.0135	0.0186	0.00017	0.000773	0.000522	0.398	0.00000313	0.00136	0.00074	0.00182	0.000176
2085 May	314	0.101	0.41	0.0117	34	0.107	152	0.00452	0.000959	0.00000616	0.00727	0.00654	0.165	0.0207	0.00000759	46.9	0.00000356	0.00373	0.00036	0.00264	0.0347	0.000015	7.94	14.1	0.095	0.0029	20.3	0.0135	0.0186	0.00017	0.000774	0.000523	0.399	0.00000314	0.00136	0.000741	0.00182	0.000176
2085 Jun	314	0.101	0.408	0.0117	33.8	0.107	152	0.00453	0.000958	0.00000617	0.00729	0.00657	0.165	0.0208	0.0000076	47	0.00000357	0.00375	0.00036	0.00264	0.0348	0.000015	7.97	14.2	0.0955	0.00292	20.3	0.0136	0.0187	0.00017	0.000778	0.000525	0.4	0.00000314	0.00136	0.000744	0.00183	0.000177
2085 Jul	315	0.101	0.409	0.0117	33.9	0.107	153	0.00454	0.00096	0.00000618	0.0073	0.00658	0.166	0.0208	0.00000762	47.1	0.00000358	0.00376	0.00036	0.00265	0.0349	0.0000151	7.99	14.2	0.0957	0.00292	20.3	0.0136	0.0187	0.00017	0.000779	0.000526	0.401	0.00000315	0.00137	0.000746	0.00183	0.000177
2085 Aug	315	0.101	0.409	0.0117	33.9	0.107	153	0.00455	0.000961	0.00000618	0.00731	0.00659	0.166	0.0208	0.00000762	47.2	0.00000358	0.00376	0.00036	0.00265	0.0349	0.0000151	7.99	14.2	0.0958	0.00292	20.3	0.0136	0.0188	0.00017	0.00078	0.000527	0.401	0.00000315	0.00137	0.000746	0.00183	0.000177
2085 Sep	316	0.101	0.408	0.0117	33.8	0.108	153	0.00456	0.00096	0.00000618	0.00732	0.00661	0.166	0.0208	0.00000763	47.3	0.00000359	0.00377	0.00036	0.00266	0.035	0.0000151	8.02	14.3	0.0961	0.00294	20.3	0.0136	0.0188	0.00017	0.000783	0.000529	0.403	0.00000315	0.00137	0.000748	0.00183	0.000178
2085 Oct	316	0.101	0.407	0.0117	33.8	0.108	154	0.00457	0.000959	0.00000618	0.00733	0.00662	0.167	0.0209	0.00000763	47.4	0.00000361	0.00378	0.00036	0.00266	0.035	0.0000152	8.04	14.3	0.0963	0.00294	20.2	0.0137	0.0188	0.00017	0.000784	0.00053	0.404	0.00000315	0.00138	0.00075	0.00184	0.000179
2085 Nov	316	0.101	0.406	0.0117	33.7	0.108	154	0.00457	0.000959	0.00000618	0.00734	0.00663	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.035	0.0000152	8.05	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.00017	0.000785	0.00053	0.404	0.00000315	0.00138	0.000751	0.00184	0.000179
2085 Dec	316	0.101	0.406	0.0118	33.7	0.108	154	0.00457	0.000959	0.00000618	0.00734	0.00663	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.0267	0.035	0.0000152	8.05	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.00017	0.000785	0.00053	0.404	0.00000315	0.00138	0.000751	0.00184	0.000179
2086 Jan	316	0.101	0.406	0.0118	33.7	0.108	154	0.00457	0.000959	0.00000618	0.00734	0.00663	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.0267	0.035	0.0000152	8.05	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.00017	0.000785	0.00053	0.404	0.00000315	0.00138	0.000751	0.00184	0.000179
2086 Feb	316	0.101	0.406	0.0118	33.7	0.108	154	0.00457	0.000959	0.00000618	0.00734	0.00663	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.0267	0.035	0.0000152	8.05	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.00017	0.000785	0.00053	0.404	0.00000315	0.00138	0.000751	0.00184	0.000179
2086 Mar	316	0.101	0.406	0.0118	33.7	0.108	154	0.00457	0.000959	0.00000618	0.00734	0.00663	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.0267	0.035	0.0000152	8.05	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.00017	0.000785	0.00053	0.404	0.00000315	0.00138	0.000751	0.00184	0.000179
2086 Apr	316	0.101	0.406	0.0118	33.7	0.108	154	0.00457	0.000959	0.00000618	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.0267	0.035	0.0000152	8.05	14.3	0.0964	0.00295	20.2	0.0137	0.0188	0.00017	0.000786	0.00053	0.404	0.00000316	0.00138	0.000751	0.00184	0.000179
2086 May	317	0.101	0.406	0.0118	33.7	0.108	154	0.00458	0.00096	0.00000619	0.00734	0.00664	0.167	0.0209	0.00000764	47.5	0.00000361	0.00379	0.00036	0.00265	0.0267	0.035	0.0000152	8.05	14.4	0.0965	0.00295	20.2	0.0137	0.0188	0.00017	0.000786	0.00053	0.405	0.00000316	0.00138	0.000751	0.00184	0.000179
2086 Jun	318	0.1	0.402	0.0118	33.4	0.109	155	0.00461	0.000957	0.00000619	0.00738	0.0067	0.169	0.021	0.00000766	47.9	0.00000363	0.00383	0.00036	0.00268	0.0352	0.0000153	8.12	14.5	0.0974	0.00298	20	0.0138	0.0189	0.00017	0.000793	0.000535	0.408	0.00000316	0.00139	0.000758	0.00185	0.000181
2086 Jul	319	0.1	0.402	0.0118	33.4	0.109	156	0.00463	0.000958	0.0000062	0.0074	0.00673	0.169	0.0211	0.00000768	48.1	0.00000365	0.00385	0.00036	0.00269	0.0353	0.0000154	8.15	14.5	0.0978	0.00299	20	0.0139	0.019	0.00017	0.000797	0.000538	0.41	0.00000317	0.0014	0.000761	0.00185	0.000182
2086 Aug	319	0.1	0.402	0.0118	33.5	0.109	156	0.00463	0.000959	0.00000621	0.00741	0.00674	0.17	0.0211	0.00000769	48.2	0.00000365	0.00385	0.00036	0.00269	0.0027	0.0354	0.0000154	8.16	14.6	0.098	0.00299	20.1	0.0139	0.019	0.00017	0.000798	0.000538	0.41	0.00000318	0.0014	0.000762	0.00185	0.000182
2086 Sep	320	0.1	0.402	0.0118	33.4	0.109	157	0.00464	0.000959	0.00000621	0.00742	0.00675	0.17	0.0211	0.00000769	48.3	0.00000366	0.00386	0.00037	0.0027	0.0354	0.0000154	8.18	14.6	0.0981	0.003	20	0.0139	0.019	0.00017	0.000799	0.000539	0.411	0.00000318	0.0014	0.000763	0.00186	0.000182
2086 Oct	320	0.1	0.401	0.0118	33.4	0.11	157	0.00464	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0982	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.411	0.00000318	0.0014	0.000763	0.00186	0.000182
2086 Nov	320	0.1	0.401	0.0118	33.4	0.11	157	0.00464	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0982	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.411	0.00000318	0.0014	0.000764	0.00186	0.000182
2086 Dec	320	0.1	0.401	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0982	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.411	0.00000318	0.0014	0.000764	0.00186	0.000182
2087 Jan	320	0.1	0.401	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0982	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.411	0.00000318	0.0014	0.000764	0.00186	0.000182
2087 Feb	320	0.1	0.401	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0982	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.411	0.00000318	0.0014	0.000764	0.00186	0.000182
2087 Mar	320	0.1	0.401	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0982	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.411	0.00000318	0.0014	0.000764	0.00186	0.000182
2087 Apr	320	0.1	0.401	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000621	0.00742	0.00676	0.17	0.0212	0.00000769	48.3	0.00000366	0.00387	0.00037	0.0027	0.0354	0.0000155	8.19	14.6	0.0983	0.003	20	0.0139	0.019	0.00017	0.0008	0.00054	0.412	0.00000318	0.0014	0.000764	0.00186	0.000182
2087 May	320	0.1	0.401	0.0118	33.4	0.11	157	0.00465	0.000959	0.00000622	0.00743	0.00677	0.171	0.0212	0.0000077	48.4	0.0000367	0.00387	0.00037	0.00271	0.0355	0.0000155	8.2	14.6	0.0984	0.00301	20	0.014	0.0191	0.000175	0.000802	0.000541	0.412	0.00000318	0.00141	0.000765	0.00186	0.000183
2087 Jun	321	0.0999	0.398	0.0118	33.2	0.11	158	0.00468	0.000958	0.00000622	0.00746	0.00682	0.172	0.0213	0.00000771	48.7	0.00000369	0.0039	0.00037	0.00272	0.0356	0.0000156	8.25	14.7	0.0992	0.00303	19.9	0.0141	0.0192	0.000177	0.000807	0.000544	0.415	0.00000319	0.00142	0.00077	0.00186	0.000184
2087 Jul	322	0.1	0.399	0.0118	33.2	0.11	158	0.00468	0.000959	0.00000623	0.00747	0.00683	0.172	0.0213	0.00000772	48.8	0.00000369	0.00391	0.00037	0.00273	0.0357	0.0000156	8.27	14.8	0.0993	0.00303	19.9	0.0141	0.0192	0.000177	0.000808	0.000545	0.416	0.00000319	0.00142	0.000771	0.00187	0.000184
2087 Aug	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000961	0.00000624	0.00748	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.28	14.8	0.0995	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000546	0.416	0.0000032	0.00142	0.000773	0.00187	0.000185
2087 Sep	322	0.1	0.4	0.0119	33.3	0.111	159	0.0047	0.000962	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000547	0.417	0.0000032	0.00142	0.000773	0.00187	0.000185
2087 Oct	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000962	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.28	14.8	0.0995	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000547	0.416	0.0000032	0.00142	0.000773	0.00187	0.000185
2087 Nov	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000961	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.28	14.8	0.0995	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000546	0.416	0.0000032	0.00142	0.000773	0.00187	0.000185
2087 Dec	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000961	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.28	14.8	0.0995	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000546	0.416	0.0000032	0.00142	0.000773	0.00187	0.000185
2088 Jan	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000961	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.28	14.8	0.0995	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000546	0.416	0.0000032	0.00142	0.000773	0.00187	0.000185
2088 Feb	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000961	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000156	8.28	14.8	0.0995	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000546	0.416	0.0000032	0.00142	0.000773	0.00187	0.000185
2088 Mar	322	0.1	0.399	0.0119	33.3	0.111	159	0.00469	0.000961	0.00000624	0.00749	0.00684	0.172	0.0214	0.00000774	48.9	0.00000374	0.00392	0.00037	0.00273	0.0358	0.0000157	8.29	14.8	0.0996	0.00304	20	0.0141	0.0192	0.000177	0.00081	0.000547	0.417	0.0000032	0.00142	0.000773	0.00187	0.000185
2088 Apr	322	0.1	0.4	0.0119	33.3

Appendix D.3-2: TIRI Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	105	0.0204	0.0767	0.00231	17.5	0.03	15.6	0.000881	0.000881	0.00000456	0.00276	0.000437	0.0158	0.00757	0.00000466	7.42	0.00000723	0.000182	0.0000906	0.000822	0.0122	0.0000018	1.31	1.75	0.00848	0.000278	7.56	0.00187	0.00431	0.000039	0.0000862	0.0000666	0.0591	0.00000184	0.000174	0.000105	0.000789	0.0000032
Post Closure (2044-2099): Mean	253	0.0879	0.373	0.00965	32.6	0.0808	108	0.00347	0.000947	0.00000568	0.00584	0.00466	0.115	0.0164	0.00000669	34.4	0.0000263	0.00254	0.000271	0.00202	0.0277	0.0000107	5.79	10	0.0669	0.00205	18.8	0.00956	0.0144	0.000128	0.000547	0.000378	0.286	0.00000275	0.000959	0.000533	0.0015	0.000126
Post Closure (2044-2099): Max	359	0.104	0.459	0.0126	37.5	0.128	190	0.00551	0.000975	0.00000659	0.00842	0.00821	0.206	0.0244	0.00000838	57.9	0.0000432	0.00472	0.000438	0.00315	0.0407	0.0000185	9.8	17.6	0.119	0.00364	22	0.0168	0.0219	0.000209	0.000963	0.000651	0.494	0.00000348	0.00169	0.000913	0.00208	0.000224
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2091 Nov	336	0.0989	0.381	0.0121	32.1	0.118	170	0.00498	0.000966	0.00000637	0.00785	0.00735	0.185	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398	0.00289	0.0375	0.0000168	8.86	15.9	0.107	0.00327	19.3	0.0152	0.0202	0.000188	0.000869	0.000586	0.446	0.00000331	0.00153	0.000826	0.00195	0.000199
2091 Dec	336	0.0989	0.381	0.0121	32.1	0.118	170	0.00498	0.000966	0.00000637	0.00785	0.00735	0.185	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398	0.00289	0.0375	0.0000168	8.86	15.9	0.107	0.00327	19.3	0.0152	0.0202	0.000188	0.000869	0.000586	0.446	0.00000331	0.00153	0.000826	0.00195	0.000199
2092 Jan	336	0.0989	0.381	0.0121	32.1	0.118	170	0.00498	0.000966	0.00000637	0.00785	0.00735	0.186	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398	0.0029	0.0375	0.0000168	8.86	15.9	0.107	0.00327	19.3	0.0152	0.0202	0.000188	0.000869	0.000586	0.446	0.00000331	0.00153	0.000826	0.00195	0.000199
2092 Feb	336	0.0989	0.381	0.0121	32.1	0.118	170	0.00498	0.000966	0.00000637	0.00785	0.00735	0.186	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398	0.0029	0.0375	0.0000168	8.86	15.9	0.107	0.00327	19.3	0.0152	0.0202	0.000188	0.000869	0.000586	0.446	0.00000331	0.00153	0.000826	0.00195	0.000199
2092 Mar	336	0.0989	0.381	0.0121	32.1	0.118	170	0.00499	0.000966	0.00000638	0.00785	0.00735	0.186	0.0225	0.00000799	52.2	0.0000394	0.00423	0.000398	0.0029	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.3	0.0152	0.0202	0.000188	0.00087	0.000586	0.447	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 Apr	336	0.0989	0.381	0.0121	32.1	0.118	170	0.00499	0.000966	0.00000638	0.00786	0.00735	0.186	0.0225	0.00000799	52.3	0.0000394	0.00423	0.000398	0.0029	0.0376	0.0000168	8.86	15.9	0.107	0.00327	19.3	0.0152	0.0202	0.000188	0.00087	0.000586	0.447	0.00000331	0.00153	0.000827	0.00195	0.000199
2092 May	337	0.0989	0.381	0.0121	32.1	0.118	171	0.00499	0.000967	0.00000638	0.00787	0.00736	0.186	0.0225	0.000008	52.3	0.0000395	0.00424	0.000399	0.0029	0.0376	0.0000168	8.88	15.9	0.107	0.00328	19.3	0.0152	0.0203	0.000189	0.000871	0.000587	0.447	0.00000331	0.00153	0.000828	0.00196	0.000199
2092 Jun	338	0.0981	0.375	0.0121	31.7	0.119	172	0.00502	0.000962	0.00000637	0.0079	0.00742	0.187	0.0227	0.000008	52.7	0.0000398	0.00428	0.000402	0.00292	0.0378	0.0000169	8.94	16.1	0.108	0.0033	19.1	0.0153	0.0204	0.000191	0.000878	0.000591	0.451	0.00000331	0.00154	0.000835	0.00196	0.000201
2092 Jul	338	0.098	0.374	0.0121	31.7	0.119	173	0.00503	0.000962	0.00000638	0.00791	0.00744	0.188	0.0227	0.00000801	52.9	0.0000399	0.00429	0.000403	0.00292	0.0379	0.0000017	8.96	16.1	0.108	0.00331	19.1	0.0154	0.0204	0.000191	0.00088	0.000593	0.452	0.00000332	0.00155	0.000837	0.00196	0.000201
2092 Aug	339	0.0982	0.375	0.0121	31.7	0.119	173	0.00504	0.000964	0.00000639	0.00793	0.00746	0.188	0.0228	0.00000803	53	0.0000399	0.0043	0.000404	0.00293	0.038	0.0000017	8.98	16.1	0.109	0.00332	19.1	0.0154	0.0204	0.000191	0.000882	0.000594	0.453	0.00000332	0.00155	0.000839	0.00197	0.000202
2092 Sep	339	0.0982	0.375	0.0121	31.7	0.119	173	0.00504	0.000964	0.00000639	0.00793	0.00746	0.188	0.0228	0.00000803	53	0.0000399	0.0043	0.000404	0.00293	0.038	0.0000017	8.98	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000191	0.000882	0.000594	0.453	0.00000332	0.00155	0.000839	0.00197	0.000202
2092 Oct	339	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.188	0.0228	0.00000803	53	0.00004	0.0043	0.000404	0.00293	0.038	0.0000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000594	0.453	0.00000332	0.00155	0.000839	0.00197	0.000202
2092 Nov	339	0.0981	0.374	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404	0.00293	0.038	0.0000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.000839	0.00197	0.000202
2092 Dec	339	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404	0.00293	0.038	0.0000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.000839	0.00197	0.000202
2093 Jan	339	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404	0.00293	0.038	0.0000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.000839	0.00197	0.000202
2093 Feb	339	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00746	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404	0.00293	0.038	0.0000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.000839	0.00197	0.000202
2093 Mar	339	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000964	0.00000639	0.00793	0.00747	0.189	0.0228	0.00000803	53	0.00004	0.00431	0.000404	0.00293	0.038	0.0000017	8.99	16.1	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000883	0.000595	0.453	0.00000333	0.00155	0.000839	0.00197	0.000202
2093 Apr	339	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000965	0.00000639	0.00794	0.00747	0.189	0.0228	0.00000804	53	0.00004	0.00431	0.000404	0.00293	0.038	0.0000017	9	16.2	0.109	0.00332	19.1	0.0154	0.0205	0.000192	0.000884	0.000595	0.454	0.00000333	0.00155	0.00084	0.00197	0.000202
2093 May	340	0.0982	0.374	0.0121	31.7	0.119	173	0.00505	0.000965	0.0000064	0.00794	0.00748	0.189	0.0228	0.00000804	53.1	0.00004	0.00431	0.000405	0.00294	0.0381	0.0000017	9.01	16.2	0.109	0.00333	19.1	0.0154	0.0205	0.000192	0.000885	0.000595	0.454	0.00000333	0.00155	0.000841	0.00197	0.000202
2093 Jun	340	0.0978	0.371	0.0121	31.5	0.12	174	0.00507	0.000963	0.00000639	0.00796	0.00751	0.19	0.0229	0.00000805	53.3	0.0000402	0.00434	0.000406	0.00295	0.0382	0.0000171	9.04	16.2	0.11	0.00334	19	0.0155	0.0206	0.000193	0.000889	0.000598	0.456	0.00000333	0.00156	0.000845	0.00198	0.000203
2093 Jul	341	0.0979	0.371	0.0122	31.5	0.12	175	0.00508	0.000964	0.00000641	0.00798	0.00753	0.19	0.0229	0.00000806	53.4	0.0000403	0.00435	0.000407	0.00295	0.0383	0.0000172	9.06	16.3	0.11	0.00335	19	0.0155	0.0206	0.000194	0.000891	0.000599	0.457	0.00000334	0.00156	0.000847	0.00198	0.000204
2093 Aug	341	0.098	0.372	0.0122	31.6	0.12	175	0.00509	0.000966	0.00000642	0.00799	0.00754	0.19	0.023	0.00000807	53.5	0.0000403	0.00435	0.000408	0.00296	0.0383	0.0000172	9.08	16.3	0.11	0.00336	19	0.0156	0.0206	0.000194	0.000892	0.0006	0.458	0.00000334	0.00157	0.000848	0.00198	0.000204
2093 Sep	341	0.0981	0.372	0.0122	31.6	0.12	175	0.00509	0.000966	0.00000642	0.00799	0.00754	0.191	0.023	0.00000807	53.5	0.0000403	0.00435	0.000408	0.00296	0.0383	0.0000172	9.08	16.3	0.11	0.00336	19	0.0156	0.0206	0.000194	0.000892	0.0006	0.458	0.00000334	0.00157	0.000848	0.00198	0.000204
2093 Oct	341	0.0978	0.37	0.0122	31.4	0.12	175	0.00509	0.000964	0.00000641	0.00799	0.00755	0.191	0.023	0.00000807	53.6	0.0000404	0.00436	0.000408	0.00296	0.0383	0.0000172	9.09	16.3	0.11	0.00336	19	0.0156	0.0206	0.000194	0.000893	0.000601	0.459	0.00000334	0.00157	0.000849	0.00198	0.000204
2093 Nov	342	0.0977	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.6	0.0000404	0.00437	0.000409	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2093 Dec	342	0.0977	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.6	0.0000404	0.00437	0.000409	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Jan	342	0.0977	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00437	0.000409	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Feb	342	0.0977	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00437	0.000409	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Mar	342	0.0977	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00437	0.000409	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 Apr	342	0.0977	0.37	0.0122	31.4	0.12	175	0.0051	0.000964	0.00000641	0.008	0.00756	0.191	0.023	0.00000807	53.7	0.0000404	0.00437	0.000409	0.00296	0.0384	0.0000172	9.1	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000194	0.000894	0.000602	0.459	0.00000334	0.00157	0.00085	0.00198	0.000205
2094 May	342	0.0976	0.369	0.0122	31.3	0.121	176	0.00511	0.000964	0.00000641	0.00801	0.00757	0.191	0.023	0.00000808	53.8	0.0000405	0.00438	0.00041	0.00297	0.0384	0.0000173	9.12	16.4	0.11	0.00337	18.9	0.0156	0.0207	0.000195	0.000896	0.000603	0.46	0.00000335	0.00157	0.000852	0.00199	0.000205
2094 Jun	343	0.0974	0.367	0.0122	31.2	0.121	176	0.00513	0.000963	0.00000642	0.00803	0.00761	0.192	0.0231	0.00000809	54	0.0000407	0.0044	0.000411	0.00298	0.0386	0.0000173	9.16	16.5	0.111	0.00339	18.8	0.0157	0.0208	0.000196	0.0009	0.000606	0.462	0.00000335	0.00158	0.000856	0.00199	0.000206
2094 Jul	344	0.0977	0.368	0.0122	31.3	0.121	177	0.00514	0.000966	0.00000644	0.00805	0.00763	0.193	0.0232	0.00000811	54.1	0.0000408	0.00441	0.000413	0.00299	0.0387	0.0000174	9.18	16.5	0.111	0.0034	18.9	0.0157	0.0208	0.000196	0.000903	0.000607	0.463	0.00000336	0.00159	0.000858	0.002	0.000207
2094 Aug	345	0.098	0.369	0.0122	31.4	0.122	177	0.00516	0.000968	0.00000645	0.00808	0.00765	0.193	0.0233	0.00000814	54.3	0.0000409	0.00442	0.000414	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2094 Sep	345	0.098	0.369	0.0122	31.4	0.122	177	0.00516	0.000969	0.00000645	0.00808	0.00765	0.193	0.0233	0.00000814	54.3	0.0000409	0.00442	0.000414	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2094 Oct	344	0.0979	0.368	0.0122	31.3	0.122	177	0.00515	0.000967	0.00000645	0.00807	0.00764	0.193	0.0232	0.00000813	54.2	0.0000408	0.00442	0.000413	0.00299	0.0388	0.0000174	9.2	16.5	0.112	0.0034	18.9	0.0158	0.0209	0.000197	0.000904	0.000609	0.464	0.00000337	0.00159	0.00086	0.002	0.000207
2094 Nov	344	0.0977	0.367	0.0122	31.3	0.122	177	0.00515	0.000966	0.00000644	0.00807	0.00765	0.193	0.0232	0.00000812	54.3	0.0000409	0.00442	0.000413	0.00299	0.0388	0.0000174	9.2	16.5	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.00086	0.002	0.000207
2094 Dec	344	0.0977	0.367	0.0122	31.2	0.122	177	0.00515	0.000966	0.00000644	0.00807	0.00765	0.193	0.0232	0.00000813	54.3	0.0000409	0.00442	0.000413	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.00086	0.002	0.000207
2095 Jan	344	0.0977	0.367	0.0122	31.2	0.122	177	0.00515	0.000966	0.00000644	0.00807	0.00765	0.193	0.0232	0.00000813	54.3	0.0000409	0.00442	0.000413	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.00086	0.002	0.000207
2095 Feb	344	0.0977	0.367	0.0122	31.2	0.122	177	0.00515	0.000966	0.00000644	0.00807	0.00765	0.193	0.0232	0.00000813	54.3	0.0000409	0.00442	0.000414	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.00086	0.002	0.000207
2095 Mar	344	0.0977	0.367	0.0122	31.2	0.122	177	0.00515	0.000966	0.00000644	0.00807	0.00765	0.193	0.0232	0.00000813	54.3	0.0000409	0.00442	0.000414	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.00086	0.002	0.000207
2095 Apr	344	0.0977	0.367	0.0122	31.3	0.122	178	0.00516	0.000966	0.00000644	0.00807	0.00765	0.193	0.0233	0.00000813	54.3	0.0000409	0.00442	0.000414	0.00299	0.0388	0.0000174	9.21	16.6	0.112	0.00341	18.9	0.0158	0.0209	0.000197	0.000905	0.000609	0.465	0.00000337	0.00159	0.000861	0.002	0.000207
2095 May	345	0.0977	0.367	0.0122	31.2	0.122	178	0.00516	0.000967	0.00000645	0.00808	0.00766	0.194	0.0233	0.00000814	54.4	0.0000409	0.00443	0.000414	0.003	0.0388	0.0000175	9.22	16.6	0.112	0.00341	18.8	0.0158	0.0209	0.000197	0.000907	0.00061	0.465	0.00000337	0.00159	0.000862	0.002	0.000208
2095 Jun	345	0.0977	0.366	0.0122	31.2	0.122	178	0.00518	0.000967	0.00000645	0.0081	0.00769	0.194	0.0233	0.00000815	54.5	0.000041	0.00444	0.000415	0.003	0.0389	0.0000175	9.25	16.6	0.112	0.00342	18.8	0.0159	0.021	0.000198	0.000909	0.000612	0.467	0.00000337	0.0016	0.000864	0.00201	0.000208
2095 Jul	346	0.0979	0.367	0.0123	31.3	0.122	179	0.00519	0.00097	0.00000647	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000416	0.00301	0.039	0.0000176	9.27	16.7	0.113	0.00343	18.9	0.0159	0.021	0.000198	0.000912	0.000614	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Aug	346	0.0979	0.367	0.0123	31.3	0.123	179	0.00519	0.00097	0.00000647	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417	0.00301	0.039	0.0000176	9.27	16.7	0.113	0.00343	18.9	0.0159	0.021	0.000198	0.000912	0.000614	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Sep	346	0.0979	0.367	0.0123	31.3	0.123	179	0.00519	0.00097	0.00000647	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417	0.00301	0.039	0.0000176	9.28	16.7	0.113	0.00343	18.9	0.0159	0.021	0.000198	0.000912	0.000614	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Oct	346	0.0979	0.367	0.0123	31.3	0.123	179	0.00519	0.00097	0.00000647	0.00812	0.00771	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417	0.00301	0.039	0.0000176	9.28	16.7	0.113	0.00343	18.9	0.0159	0.021	0.000198	0.000912	0.000614	0.468	0.00000338	0.0016	0.000867	0.00201	0.000209
2095 Nov	347	0.0979	0.367	0.0123	31.2	0.123	179	0.00519	0.00097	0.00000647	0.00812	0.00772	0.195	0.0234	0.00000817	54.7	0.0000412	0.00446	0.000417	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.021	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2095 Dec	347	0.0979	0.367	0.0123	31.2	0.123	179	0.0052	0.00097	0.00000647	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417	0.00302	0.0391	0.0000176	9.28	16.7	0.113	0.00344	18.9	0.0159	0.021	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Jan	347	0.0979	0.367	0.0123	31.2	0.123	179	0.0052	0.00097	0.00000647	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417	0.00302	0.0391	0.0000176	9.29	16.7	0.113	0.00344	18.9	0.0159	0.021	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Feb	347	0.0979	0.367	0.0123	31.2	0.123	179	0.0052	0.00097	0.00000647	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417	0.00302	0.0391	0.0000176	9.29	16.7	0.113	0.00344	18.9	0.0159	0.021	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Mar	347	0.0979	0.367	0.0123	31.2	0.123	179	0.0052	0.00097	0.00000647	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417	0.00302	0.0391	0.0000176	9.29	16.7	0.113	0.00344	18.9	0.0159	0.021	0.000199	0.000913	0.000614	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 Apr	347	0.0979	0.367	0.0123	31.2	0.123	179	0.0052	0.00097	0.00000648	0.00813	0.00772	0.195	0.0234	0.00000817	54.8	0.0000412	0.00446	0.000417	0.00302	0.0391	0.0000176	9.29	16.7	0.113	0.00344	18.9	0.0159	0.021	0.000199	0.000913	0.000615	0.469	0.00000339	0.0016	0.000868	0.00201	0.000209
2096 May	347	0.0979	0.367	0.0123	31.2	0.123	179	0.0052	0.00097	0.00000648	0.00814	0.00773

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.									
Model Predictions (2044-2099)									
2044 Jan	256	0.075	0.113	0.00375	53.3	0.0305	18.7	0.00102	0.000954
2044 Feb	264	0.0775	0.116	0.00388	55.1	0.0315	19.3	0.00105	0.000986
2044 Mar	264	0.0775	0.117	0.00388	55.1	0.0315	19.3	0.00105	0.000986
2044 Apr	264	0.0775	0.117	0.00388	55.1	0.0315	19.3	0.00105	0.000986
2044 May	265	0.0776	0.117	0.00388	55.2	0.0316	19.3	0.00105	0.000987
2044 Jun	262	0.0769	0.116	0.00386	54.7	0.0315	19.3	0.00105	0.000984
2044 Jul	262	0.0766	0.116	0.00385	54.5	0.0315	19.3	0.00105	0.000984
2044 Aug	263	0.0768	0.116	0.00386	54.7	0.0316	19.3	0.00105	0.000987
2044 Sep	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2044 Oct	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2044 Nov	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2044 Dec	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2045 Jan	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2045 Feb	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2045 Mar	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2045 Apr	262	0.0768	0.116	0.00386	54.6	0.0316	19.3	0.00105	0.000986
2045 May	262	0.0768	0.116	0.00386	54.7	0.0316	19.3	0.00105	0.000987
2045 Jun	261	0.0766	0.117	0.00386	54.4	0.0316	19.3	0.00105	0.000986
2045 Jul	260	0.0765	0.117	0.00387	54.3	0.0316	19.3	0.00105	0.000986
2045 Aug	261	0.0766	0.117	0.00387	54.4	0.0317	19.4	0.00106	0.000988
2045 Sep	261	0.0766	0.117	0.00387	54.4	0.0317	19.4	0.00106	0.000988
2045 Oct	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2045 Nov	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2045 Dec	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2046 Jan	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2046 Feb	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2046 Mar	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2046 Apr	261	0.0767	0.117	0.00388	54.4	0.0317	19.4	0.00106	0.000989
2046 May	261	0.0768	0.117	0.00388	54.5	0.0317	19.4	0.00106	0.00099
2046 Jun	259	0.0764	0.118	0.00388	54.1	0.0317	19.4	0.00106	0.000988
2046 Jul	257	0.0759	0.119	0.00388	53.6	0.0316	19.4	0.00106	0.000986
2046 Aug	258	0.076	0.119	0.00388	53.7	0.0317	19.5	0.00106	0.000987
2046 Sep	257	0.076	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000987
2046 Oct	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2046 Nov	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2046 Dec	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2047 Jan	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2047 Feb	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2047 Mar	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2047 Apr	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000986
2047 May	257	0.0759	0.119	0.00388	53.7	0.0317	19.4	0.00106	0.000987
2047 Jun	254	0.0754	0.12	0.00389	53.1	0.0317	19.5	0.00106	0.000984
2047 Jul	255	0.0756	0.12	0.0039	53.2	0.0318	19.6	0.00106	0.000987
2047 Aug	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00107	0.000989
2047 Sep	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00107	0.000989
2047 Oct	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2047 Nov	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2047 Dec	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2048 Jan	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2048 Feb	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2048 Mar	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2048 Apr	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00106	0.000988
2048 May	255	0.0757	0.12	0.0039	53.3	0.0318	19.6	0.00107	0.000989
2048 Jun	253	0.0753	0.121	0.00391	52.9	0.0318	19.7	0.00107	0.000987
2048 Jul	251	0.075	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000985
2048 Aug	252	0.0751	0.123	0.00393	52.5	0.0319	19.8	0.00107	0.000986
2048 Sep	252	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2048 Oct	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2048 Nov	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2048 Dec	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2049 Jan	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2049 Feb	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2049 Mar	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2049 Apr	251	0.0751	0.123	0.00392	52.5	0.0319	19.8	0.00107	0.000986
2049 May	252	0.0751	0.123	0.00393	52.6	0.0319	19.8	0.00107	0.000987
2049 Jun	249	0.0747	0.124	0.00394	52.1	0.0319	19.9	0.00108	0.000985
2049 Jul	248	0.0745	0.126	0.00395	51.8	0.0319	20	0.00108	0.000984
2049 Aug	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2049 Sep	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2049 Oct	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2049 Nov	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2049 Dec	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2050 Jan	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2050 Feb	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2050 Mar	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2050 Apr	248	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2050 May	249	0.0747	0.126	0.00396	51.9	0.032	20.1	0.00108	0.000986
2050 Jun	247	0.0746	0.127	0.00397	51.7	0.032	20.1	0.00109	0.000985
2050 Jul	246	0.0744	0.128	0.00398	51.5	0.0321	20.2	0.00109	0.000984
2050 Aug	246	0.0745	0.128	0.00399	51.5	0.0321	20.3	0.00109	0.000985
2050 Sep	246	0.0745	0.128	0.00399	51.5	0.0321	20.3	0.00109	0.000986
2050 Oct	247	0.0745	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2050 Nov	247	0.0745	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2050 Dec	247	0.0745	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2051 Jan	247	0.0745	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2051 Feb	247	0.0745	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2051 Mar	247	0.0745	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2051 Apr	247	0.0746	0.128	0.00399	51.6	0.0321	20.3	0.00109	0.000986
2051 May	247	0.0746	0.128	0.00399	51.6	0.0322	20.3	0.00109	0.000987
2051 Jun	244	0.0742	0.13	0.00402	51.1	0.0322	20.5	0.0011	0.000984
2051 Jul	243	0.0742	0.132	0.00404	50.8	0.0323	20.7	0.00111	0.000984
2051 Aug	243	0.0742	0.132	0.00404	50.9	0.0323	20.7	0.00111	0.000984
2051 Sep	243	0.0742	0.132	0.00404	50.8	0.0323	20.7	0.00111	0.000984
2051 Oct	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982
2051 Nov	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982
2051 Dec	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982

Constituents	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Post Closure (2044-2099): Min	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891
Post Closure (2044-2099): Mean	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258
Post Closure (2044-2099): Max	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518
Water quality guideline for the protection of aquatic life	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																
Model Predictions (2044-2099)																
2044 Jan	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891
2044 Feb	0.00000566	0.00306	0.000531	0.0159	0.00819	0.00000513	10.1	0.00000797	0.0000802	0.000115	0.000899	0.0145	0.0000019	1.61	1.94	0.0092
2044 Mar	0.00000566	0.00306	0.000531	0.0159	0.00819	0.00000513	10.1	0.00000797	0.0000802	0.000115	0.000899	0.0145	0.0000019	1.61	1.94	0.0092
2044 Apr	0.00000566	0.00306	0.000531	0.0159	0.00819	0.00000513	10.1	0.00000797	0.0000802	0.000115	0.000899	0.0145	0.0000019	1.62	1.94	0.0092
2044 May	0.00000567	0.00307	0.000531	0.0159	0.0082	0.00000513	10.1	0.00000797	0.0000802	0.000115	0.0009	0.0146	0.0000019	1.62	1.94	0.00921
2044 Jun	0.00000564	0.00306	0.00053	0.0159	0.00817	0.00000511	10.1	0.00000795	0.0000812	0.000114	0.000897	0.0145	0.0000019	1.61	1.93	0.00919
2044 Jul	0.00000564	0.00306	0.000531	0.0159	0.00818	0.00000512	10.1	0.00000796	0.0000821	0.000114	0.000897	0.0145	0.00000191	1.61	1.94	0.0092
2044 Aug	0.00000566	0.00307	0.000532	0.0159	0.00821	0.00000513	10.1	0.00000798	0.0000823	0.000115	0.0009	0.0146	0.00000191	1.61	1.94	0.00923
2044 Sep	0.00000566	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2044 Oct	0.00000565	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2044 Nov	0.00000565	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2044 Dec	0.00000565	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2045 Jan	0.00000565	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2045 Feb	0.00000565	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2045 Mar	0.00000565	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2045 Apr	0.00000566	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000822	0.000114	0.000899	0.0145	0.00000191	1.61	1.94	0.00922
2045 May	0.00000566	0.00307	0.000532	0.0159	0.0082	0.00000513	10.1	0.00000798	0.0000823	0.000114	0.0009	0.0146	0.00000191	1.61	1.94	0.00923
2045 Jun	0.00000565	0.00307	0.000534	0.016	0.00821	0.00000513	10.1	0.000008	0.0000839	0.000114	0.000899	0.0146	0.00000192	1.61	1.94	0.00928
2045 Jul	0.00000565	0.00308	0.000537	0.016	0.00823	0.00000513	10.1	0.00000802	0.0000854	0.000115	0.0009	0.0146	0.00000193	1.62	1.95	0.00933
2045 Aug	0.00000566	0.00308	0.000538	0.016	0.00824	0.00000514	10.1	0.00000803	0.0000855	0.000115	0.000901	0.0147	0.00000193	1.62	1.95	0.00934
2045 Sep	0.00000566	0.00308	0.000538	0.016	0.00824	0.00000514	10.1	0.00000803	0.0000856	0.000115	0.000901	0.0147	0.00000194	1.62	1.95	0.00934
2045 Oct	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000803	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2045 Nov	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000804	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2045 Dec	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000804	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2046 Jan	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000804	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2046 Feb	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000804	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2046 Mar	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000804	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2046 Apr	0.00000566	0.00308	0.000538	0.016	0.00825	0.00000514	10.1	0.00000804	0.0000856	0.000115	0.000902	0.0147	0.00000194	1.62	1.95	0.00935
2046 May	0.00000567	0.00309	0.000539	0.0161	0.00826	0.00000515	10.2	0.00000804	0.0000857	0.000115	0.000903	0.0147	0.00000194	1.62	1.95	0.00936
2046 Jun	0.00000565	0.00309	0.000542	0.0161	0.00826	0.00000514	10.1	0.00000805	0.0000879	0.000115	0.000901	0.0147	0.00000195	1.62	1.95	0.00941
2046 Jul	0.00000563	0.00309	0.000546	0.0161	0.00827	0.00000513	10.1	0.00000807	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2046 Aug	0.00000564	0.00309	0.000547	0.0162	0.00828	0.00000514	10.2	0.00000809	0.0000913	0.000115	0.000901	0.0148	0.00000197	1.62	1.96	0.00951
2046 Sep	0.00000564	0.00309	0.000547	0.0161	0.00828	0.00000514	10.1	0.00000808	0.0000913	0.000115	0.000901	0.0148	0.00000197	1.62	1.96	0.00951
2046 Oct	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000513	10.1	0.00000808	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2046 Nov	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000513	10.1	0.00000808	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2046 Dec	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000513	10.1	0.00000808	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2047 Jan	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000513	10.1	0.00000808	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2047 Feb	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000513	10.1	0.00000808	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2047 Mar	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000513	10.1	0.00000808	0.0000912	0.000115	0.0009	0.0147	0.00000197	1.62	1.96	0.0095
2047 Apr	0.00000564	0.00309	0.000547	0.0161	0.00827	0.00000514	10.1	0.00000808	0.0000912	0.000115	0.000901	0.0147	0.00000197	1.62	1.96	0.0095
2047 May	0.00000564	0.00309	0.000548	0.0162	0.00828	0.00000514	10.1	0.00000809	0.0000916	0.000115	0.000901	0.0148	0.00000197	1.62	1.96	0.00952
2047 Jun	0.00000562	0.0031	0.000557	0.0163	0.00831	0.00000513	10.2	0.00000812	0.0000968	0.000115	0.0009	0.0148	0.00000199	1.62	1.97	0.00969
2047 Jul	0.00000563	0.00311	0.000558	0.0163	0.00833	0.00000514	10.2	0.00000814	0.0000971	0.000115	0.000902	0.0149	0.000002	1.63	1.98	0.00971
2047 Aug	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000973	0.000115	0.000904	0.0149	0.000002	1.63	1.98	0.00973
2047 Sep	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000973	0.000115	0.000904	0.0149	0.000002	1.63	1.98	0.00973
2047 Oct	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000903	0.0149	0.000002	1.63	1.98	0.00972
2047 Nov	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000903	0.0149	0.000002	1.63	1.98	0.00972
2047 Dec	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000903	0.0149	0.000002	1.63	1.98	0.00972
2048 Jan	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000903	0.0149	0.000002	1.63	1.98	0.00972
2048 Feb	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000903	0.0149	0.000002	1.63	1.98	0.00972
2048 Mar	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000903	0.0149	0.000002	1.63	1.98	0.00972
2048 Apr	0.00000564	0.00311	0.000559	0.0163	0.00834	0.00000515	10.2	0.00000815	0.0000972	0.000115	0.000904	0.0149	0.000002	1.63	1.98	0.00973
2048 May	0.00000564	0.00311	0.000559	0.0163	0.00835	0.00000515	10.2	0.00000816	0.0000973	0.000115	0.000904	0.0149	0.000002	1.63	1.98	0.00973
2048 Jun	0.00000562	0.00312	0.000566	0.0164	0.00835	0.00000514	10.2	0.00000818	0.000101	0.000115	0.000903	0.015	0.00000202	1.63	1.99	0.00984
2048 Jul	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000514	10.2	0.00000822	0.000106	0.000116	0.000903	0.015	0.00000205	1.63	2	0.00997
2048 Aug	0.00000562	0.00313	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000823	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2048 Sep	0.00000561	0.00313	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000823	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2048 Oct	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.63	2	0.00998
2048 Nov	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2048 Dec	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2049 Jan	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2049 Feb	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2049 Mar	0.00000561	0.00312	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2049 Apr	0.00000561	0.00313	0.000576	0.0166	0.00838	0.00000515	10.3	0.00000822	0.000106	0.000116	0.000904	0.015	0.00000205	1.64	2	0.00998
2049 May	0.00000562	0.00313	0.000577	0.0166	0.00839	0.00000515	10.3	0.00000823	0.000106	0.000116	0.000905	0.015	0.00000205	1.64	2	0.00999
2049 Jun	0.0000056	0.00313	0.000586	0.0167	0.0084	0.00000514	10.3	0.00000826	0.000112	0.000116	0.000904	0.0151	0.00000208	1.64	2.01	0.0101
2049 Jul	0.00000559	0.00314	0.000595	0.0168	0.00842	0.00000514	10.3	0.0000083	0.000116	0.000116	0.000904	0.0151	0.0000021	1.64	2.02	0.0103
2049 Aug	0.0000056	0.00315	0.000597	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000907	0.0152	0.0000021	1.65	2.03	0.0103
2049 Sep	0.0000056	0.00315	0.000597	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000907	0.0152	0.0000021	1.65	2.03	0.0103
2049 Oct	0.0000056	0.00314	0.000596	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2049 Nov	0.0000056	0.00314	0.000596	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2049 Dec	0.0000056	0.00314	0.000596	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2050 Jan	0.0000056	0.00314	0.000596	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2050 Feb	0.0000056	0.00315	0.000596	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2050 Mar	0.0000056	0.00315	0.000596	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2050 Apr	0.0000056	0.00315	0.000597	0.0169	0.00844	0.00000515	10.3	0.00000832	0.000116	0.000116	0.000906	0.0152	0.0000021	1.65	2.03	0.0103
2050 May	0.0000056	0.00315	0.000597	0.0169	0.00844	0.00000516	10.3	0.00000832	0.000116	0.000116	0.000907	0.0152	0.0000021	1.65	2.03	0.0103
2050 Jun	0.00000559	0.00315	0.000602	0.017	0.00845	0.00000515	10.4	0.00000834	0.000119	0.000116	0.000906	0.0152	0.00000212	1.65	2.03	0.0104
2050 Jul	0.00000558	0.00315	0.00061	0.0171	0.00846	0.00000515	10.4	0.00000837	0.000123	0.000116	0.000906	0.0152	0.00000213	1.65	2.04	0.0105
2050 Aug	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000838	0.000123	0.000116	0.000908	0.0153	0.00000214	1.66	2.05	0.0105
2050 Sep	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000838	0.000123	0.000116	0.000908	0.0153	0.00000214	1.66	2.05	0.0105
2050 Oct	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000838	0.000123	0.000116	0.000908	0.0153	0.00000214	1.66	2.05	0.0105
2050 Nov	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000839	0.000123	0.000116	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2050 Dec	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000839	0.000123	0.000116	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2051 Jan	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000839	0.000123	0.000116	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2051 Feb	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000839	0.000123	0.000116	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2051 Mar	0.00000559	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000839	0.000123	0.000116	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2051 Apr	0.0000056	0.00316	0.000611	0.0171	0.00848	0.00000516	10.4	0.00000839	0.000123	0.000116	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2051 May	0.0000056	0.00316	0.000612	0.0171	0.00849	0.00000516	10.4	0.00000839	0.000123	0.000117	0.000909	0.0153	0.00000214	1.66	2.05	0.0105
2051 Jun	0.00000557	0.00317	0.000628	0.0174	0.00852	0.00000515	10.5	0.00000845	0.000132	0.000117	0.000909	0.0154	0.00000218	1.67	2.07	0.0107
2051 Jul	0.00000557	0.00318	0.00064	0.0175	0.00854	0.00000516	10.5	0.0000085	0.000137	0.000117	0.000911	0.0154	0.0000022	1.67	2.09	0.0109
2051 Aug	0.00000557	0.00318	0.00064	0.0176	0.00855	0.00000516	10.5	0.0000085	0.000137	0.000117	0.000912	0.0155	0.0000022	1.68	2.09	0.0109
2051 Sep	0.00000557	0.00318	0.000641	0.0176	0.00855	0.00000516	10.5	0.00000851	0.000138	0.000117	0.000911	0.0155	0.00000221	1.68	2.09	0.0109
2051 Oct	0.00000556	0.00318	0.000648	0.0177	0.00855	0.00000515	10.5	0.00000852	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011
2051 Nov	0.00000556	0.00318	0.000649	0.0177	0.00855	0.00000515	10.5	0.00000852	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011
2051 Dec	0.00000556	0.00318	0.000649	0.0177	0.00855	0.00000515	10.5	0.00000852	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011

Constituents	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.													
Model Predictions (2044-2099)													
2044 Jan	0.000277	24	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000371
2044 Feb	0.000287	24.8	0.00219	0.00602	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000597	0.000139	0.000932	0.000383
2044 Mar	0.000287	24.8	0.00219	0.00602	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000597	0.000139	0.000932	0.000383
2044 Apr	0.000287	24.8	0.00219	0.00602	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000597	0.000139	0.000932	0.000383
2044 May	0.000287	24.8	0.0022	0.00602	0.0000475	0.000111	0.0000738	0.101	0.00000208	0.0000597	0.000139	0.000933	0.000383
2044 Jun	0.000286	24.6	0.00219	0.00601	0.0000473	0.000111	0.0000735	0.101	0.00000208	0.0000607	0.000139	0.00093	0.000379
2044 Jul	0.000287	24.5	0.00219	0.00601	0.0000473	0.000111	0.0000736	0.101	0.00000208	0.0000615	0.000139	0.00093	0.000377
2044 Aug	0.000287	24.6	0.00219	0.00603	0.0000475	0.000111	0.0000738	0.101	0.00000208	0.0000616	0.000139	0.000933	0.000378
2044 Sep	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000738	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2044 Oct	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2044 Nov	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2044 Dec	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2045 Jan	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2045 Feb	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2045 Mar	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000737	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2045 Apr	0.000287	24.6	0.00219	0.00603	0.0000474	0.000111	0.0000738	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2045 May	0.000287	24.6	0.00219	0.00603	0.0000475	0.000111	0.0000738	0.101	0.00000208	0.0000616	0.000139	0.000932	0.000378
2045 Jun	0.000288	24.5	0.00219	0.00607	0.0000477	0.000111	0.0000738	0.101	0.00000208	0.0000627	0.00014	0.000932	0.000375
2045 Jul	0.000289	24.5	0.00219	0.00611	0.0000479	0.000111	0.000074	0.101	0.00000209	0.0000639	0.00014	0.000934	0.000373
2045 Aug	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.00014	0.000935	0.000374
2045 Sep	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.00014	0.000936	0.000374
2045 Oct	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2045 Nov	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2045 Dec	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2046 Jan	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2046 Feb	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2046 Mar	0.000289	24.5	0.0022	0.00612	0.000048	0.000111	0.0000741	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2046 Apr	0.00029	24.5	0.0022	0.00612	0.000048	0.000111	0.0000742	0.101	0.00000209	0.000064	0.000141	0.000936	0.000374
2046 May	0.00029	24.5	0.0022	0.00613	0.000048	0.000112	0.0000742	0.101	0.00000209	0.0000641	0.000141	0.000937	0.000374
2046 Jun	0.00029	24.4	0.0022	0.00617	0.0000482	0.000112	0.0000742	0.101	0.00000209	0.0000656	0.000141	0.000936	0.00037
2046 Jul	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000141	0.000936	0.000365
2046 Aug	0.000292	24.2	0.0022	0.00623	0.0000485	0.000112	0.0000745	0.1	0.0000021	0.0000679	0.000142	0.000937	0.000366
2046 Sep	0.000292	24.2	0.0022	0.00622	0.0000485	0.000112	0.0000745	0.1	0.0000021	0.0000679	0.000142	0.000937	0.000366
2046 Oct	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000936	0.000365
2046 Nov	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000936	0.000365
2046 Dec	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000936	0.000365
2047 Jan	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000936	0.000365
2047 Feb	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000936	0.000365
2047 Mar	0.000292	24.2	0.00219	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000936	0.000365
2047 Apr	0.000292	24.2	0.0022	0.00622	0.0000485	0.000112	0.0000744	0.1	0.0000021	0.0000678	0.000142	0.000937	0.000365
2047 May	0.000292	24.2	0.0022	0.00623	0.0000486	0.000112	0.0000745	0.1	0.0000021	0.0000681	0.000142	0.000937	0.000365
2047 Jun	0.000295	24	0.0022	0.00631	0.0000493	0.000112	0.0000749	0.1	0.0000021	0.0000713	0.000143	0.000937	0.000358
2047 Jul	0.000295	24	0.0022	0.00632	0.0000494	0.000112	0.0000751	0.1	0.0000021	0.0000715	0.000143	0.000939	0.000359
2047 Aug	0.000296	24.1	0.00221	0.00633	0.0000495	0.000113	0.0000752	0.101	0.00000211	0.0000716	0.000143	0.000941	0.00036
2047 Sep	0.000296	24	0.0022	0.00633	0.0000495	0.000113	0.0000752	0.1	0.00000211	0.0000716	0.000143	0.000941	0.00036
2047 Oct	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000751	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2047 Nov	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000751	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2047 Dec	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000751	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2048 Jan	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000751	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2048 Feb	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000751	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2048 Mar	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000751	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2048 Apr	0.000296	24	0.0022	0.00633	0.0000494	0.000113	0.0000752	0.1	0.00000211	0.0000716	0.000143	0.00094	0.00036
2048 May	0.000296	24.1	0.00221	0.00634	0.0000495	0.000113	0.0000752	0.101	0.00000211	0.0000716	0.000143	0.000941	0.00036
2048 Jun	0.000298	23.9	0.0022	0.00639	0.0000498	0.000113	0.0000755	0.1	0.00000211	0.000074	0.000144	0.000941	0.000355
2048 Jul	0.000301	23.7	0.00221	0.00645	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2048 Aug	0.000301	23.7	0.00221	0.00646	0.0000502	0.000114	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000943	0.00035
2048 Sep	0.000301	23.7	0.00221	0.00646	0.0000502	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000943	0.00035
2048 Oct	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2048 Nov	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2048 Dec	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2049 Jan	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2049 Feb	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2049 Mar	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2049 Apr	0.000301	23.7	0.00221	0.00646	0.0000501	0.000113	0.000076	0.1	0.00000211	0.0000768	0.000145	0.000942	0.00035
2049 May	0.000301	23.7	0.00221	0.00647	0.0000502	0.000114	0.0000761	0.1	0.00000212	0.0000769	0.000145	0.000943	0.000351
2049 Jun	0.000304	23.6	0.00221	0.00653	0.0000505	0.000114	0.0000765	0.1	0.00000212	0.0000797	0.000146	0.000943	0.000345
2049 Jul	0.000307	23.4	0.00222	0.00658	0.0000508	0.000115	0.000077	0.1	0.00000212	0.0000821	0.000147	0.000944	0.000341
2049 Aug	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000772	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2049 Sep	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000772	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2049 Oct	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2049 Nov	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2049 Dec	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2050 Jan	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2050 Feb	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2050 Mar	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2050 Apr	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000771	0.1	0.00000212	0.0000823	0.000147	0.000946	0.000342
2050 May	0.000308	23.5	0.00222	0.0066	0.0000509	0.000115	0.0000772	0.1	0.00000212	0.0000824	0.000147	0.000947	0.000342
2050 Jun	0.000309	23.4	0.00222	0.00664	0.0000511	0.000115	0.0000774	0.1	0.00000212	0.0000838	0.000148	0.000947	0.00034
2050 Jul	0.000312	23.3	0.00223	0.00668	0.0000513	0.000116	0.0000778	0.1	0.00000212	0.0000858	0.000148	0.000947	0.000336
2050 Aug	0.000312	23.3	0.00223	0.00669	0.0000514	0.000116	0.0000779	0.1	0.00000213	0.0000859	0.000149	0.000948	0.000337
2050 Sep	0.000312	23.4	0.00223	0.00669	0.0000514	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2050 Oct	0.000312	23.4	0.00223	0.00669	0.0000514	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2050 Nov	0.000312	23.4	0.00223	0.00669	0.0000515	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2050 Dec	0.000312	23.4	0.00223	0.00669	0.0000515	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2051 Jan	0.000312	23.4	0.00223	0.00669	0.0000515	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2051 Feb	0.000312	23.4	0.00223	0.00669	0.0000515	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2051 Mar	0.000312	23.4	0.00223	0.00669	0.0000515	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2051 Apr	0.000312	23.4	0.00223	0.0067	0.0000515	0.000116	0.000078	0.1	0.00000213	0.000086	0.000149	0.000949	0.000337
2051 May	0.000313	23.4	0.00224	0.0067	0.0000515	0.000116	0.0000781	0.1	0.00000213	0.0000861	0.000149	0.00095	0.000338
2051 Jun	0.000318	23.2	0.00224	0.00679	0.0000521	0.000117	0.0000789	0.1	0.00000213	0.0000902	0.00015	0.00095	0.000331
2051 Jul	0.000322	23.1	0.00225	0.00685	0.0000525	0.000118	0.0000796	0.1	0.00000214	0.000093	0.000151	0.000952	0.000328
2051 Aug	0.000322	23.1	0.00226	0.00685	0.0000525	0.000118	0.0000797	0.101	0.00000214	0.000093	0.000152	0.000953	0.000328
2051 Sep	0.000322	23.1	0.00226	0.00686	0.0000525	0.000118	0.0000797	0.101	0.00000214	0.0000933	0.000152	0.000952	0.000327
2051 Oct	0.000324	23	0.00226	0.00688	0.0000526	0.000118	0.00008	0.1	0.00000213	0.000095	0.000152	0.000952	0.000325
2051 Nov	0.000325	23	0.00226	0.00688	0.0000526	0.000118	0.0000801	0.1	0.00000214	0.0000952	0.000152	0.000952	0.000325
2051 Dec	0.000325	23	0.00226	0.00688	0.0000526	0.000118	0.0000801	0.1	0.00000214	0.0000952	0.000152	0.000952	0.000325

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
2052 Jan	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982	0.00000556	0.00318	0.000649	0.0177	0.00855	0.00000515	10.5	0.00000852	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011	0.000325	23	0.00226	0.00688	0.0000526	0.000118	0.0000801	0.1	0.00000214	0.0000952	0.000152	0.000952	0.000325
2052 Feb	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982	0.00000556	0.00318	0.000649	0.0177	0.00855	0.00000515	10.5	0.00000852	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011	0.000325	23	0.00226	0.00688	0.0000526	0.000118	0.0000801	0.1	0.00000214	0.0000952	0.000152	0.000952	0.000325
2052 Mar	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982	0.00000556	0.00318	0.000649	0.0177	0.00855	0.00000515	10.5	0.00000853	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011	0.000325	23	0.00226	0.00688	0.0000526	0.000118	0.0000801	0.1	0.00000214	0.0000952	0.000152	0.000952	0.000325
2052 Apr	242	0.074	0.133	0.00405	50.6	0.0323	20.8	0.00111	0.000982	0.00000556	0.00318	0.000649	0.0177	0.00855	0.00000515	10.5	0.00000853	0.000142	0.000117	0.000911	0.0155	0.00000222	1.68	2.1	0.011	0.000325	23	0.00226	0.00689	0.0000526	0.000118	0.0000801	0.1	0.00000214	0.0000952	0.000152	0.000952	0.000325
2052 May	242	0.074	0.133	0.00406	50.6	0.0323	20.8	0.00111	0.000982	0.00000556	0.00319	0.000649	0.0177	0.00856	0.00000515	10.5	0.00000853	0.000142	0.000117	0.000912	0.0155	0.00000222	1.68	2.1	0.011	0.000325	23	0.00226	0.00689	0.0000527	0.000118	0.0000801	0.101	0.00000214	0.0000952	0.000152	0.000952	0.000325
2052 Jun	241	0.074	0.134	0.00407	50.5	0.0324	20.9	0.00112	0.000982	0.00000555	0.00319	0.000656	0.0178	0.00857	0.00000515	10.6	0.00000856	0.000145	0.000117	0.000912	0.0155	0.00000224	1.68	2.11	0.0111	0.000327	22.9	0.00227	0.00693	0.0000529	0.000119	0.0000805	0.101	0.00000214	0.0000968	0.000153	0.000953	0.000323
2052 Jul	241	0.0741	0.134	0.00408	50.5	0.0324	21	0.00112	0.000983	0.00000556	0.0032	0.000659	0.0179	0.00859	0.00000516	10.6	0.00000857	0.000147	0.000118	0.000914	0.0156	0.00000225	1.69	2.11	0.0111	0.000328	23	0.00227	0.00695	0.000053	0.000119	0.0000807	0.101	0.00000214	0.0000973	0.000153	0.000955	0.000323
2052 Aug	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000556	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000858	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000328	23	0.00227	0.00695	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000974	0.000153	0.000956	0.000323
2052 Sep	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000858	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000328	23	0.00227	0.00695	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000974	0.000153	0.000956	0.000323
2052 Oct	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000858	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000328	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000974	0.000153	0.000956	0.000323
2052 Nov	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000859	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000329	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000975	0.000153	0.000956	0.000323
2052 Dec	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000859	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000329	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000975	0.000153	0.000956	0.000323
2053 Jan	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000859	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000329	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000975	0.000153	0.000956	0.000323
2053 Feb	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000859	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000329	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000975	0.000153	0.000956	0.000323
2053 Mar	241	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000984	0.00000557	0.0032	0.000659	0.0179	0.0086	0.00000517	10.6	0.00000859	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.11	0.0112	0.000329	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000975	0.000153	0.000956	0.000323
2053 Apr	242	0.0742	0.135	0.00408	50.5	0.0325	21	0.00112	0.000985	0.00000557	0.0032	0.00066	0.0179	0.0086	0.00000517	10.6	0.00000859	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.12	0.0112	0.000329	23	0.00227	0.00696	0.0000531	0.000119	0.0000808	0.101	0.00000214	0.0000975	0.000153	0.000956	0.000323
2053 May	242	0.0742	0.135	0.00409	50.5	0.0325	21	0.00112	0.000985	0.00000557	0.0032	0.000661	0.0179	0.00861	0.00000517	10.6	0.0000086	0.000147	0.000118	0.000915	0.0156	0.00000225	1.69	2.12	0.0112	0.000329	23	0.00228	0.00697	0.0000532	0.000119	0.0000809	0.101	0.00000215	0.0000977	0.000154	0.000957	0.000323
2053 Jun	239	0.074	0.137	0.00412	50.1	0.0326	21.3	0.00113	0.000982	0.00000555	0.00321	0.00068	0.0182	0.00864	0.00000516	10.7	0.00000866	0.000157	0.000118	0.000917	0.0157	0.00000229	1.7	2.14	0.0115	0.000335	22.8	0.00229	0.00706	0.0000539	0.000121	0.0000802	0.101	0.00000215	0.000102	0.000155	0.000958	0.000317
2053 Jul	239	0.0741	0.138	0.00414	50.1	0.0327	21.4	0.00113	0.000983	0.00000555	0.00322	0.000686	0.0183	0.00867	0.00000517	10.7	0.0000087	0.00016	0.000119	0.000919	0.0157	0.00000231	1.71	2.15	0.0115	0.000338	22.8	0.0023	0.00709	0.0000541	0.000121	0.0000825	0.101	0.00000215	0.000104	0.000156	0.00096	0.000317
2053 Aug	240	0.0743	0.139	0.00414	50.2	0.0327	21.5	0.00114	0.000985	0.00000557	0.00323	0.000688	0.0184	0.00868	0.00000518	10.8	0.00000872	0.00016	0.000119	0.000921	0.0158	0.00000231	1.71	2.16	0.0116	0.000338	22.9	0.00231	0.0071	0.0000542	0.000122	0.0000826	0.102	0.00000216	0.000104	0.000156	0.000962	0.000317
2053 Sep	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.71	2.16	0.0116	0.000339	22.9	0.00231	0.00711	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2053 Oct	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2053 Nov	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2053 Dec	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2054 Jan	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2054 Feb	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2054 Mar	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000963	0.000318
2054 Apr	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000987	0.00000557	0.00323	0.000689	0.0184	0.0087	0.00000519	10.8	0.00000873	0.000161	0.000119	0.000922	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000543	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000964	0.000318
2054 May	240	0.0744	0.139	0.00415	50.3	0.0328	21.5	0.00114	0.000988	0.00000558	0.00324	0.000689	0.0184	0.00871	0.0000052	10.8	0.00000874	0.000161	0.000119	0.000923	0.0158	0.00000232	1.72	2.16	0.0116	0.000339	22.9	0.00231	0.00712	0.0000544	0.000122	0.0000828	0.102	0.00000216	0.000104	0.000157	0.000964	0.000318
2054 Jun	239	0.0743	0.139	0.00415	50.1	0.0328	21.5	0.00114	0.000986	0.00000556	0.00323	0.000691	0.0184	0.0087	0.00000519	10.8	0.00000874	0.000162	0.000119	0.000921	0.0158	0.00000232	1.71	2.16	0.0116	0.00034	22.9	0.00231	0.00714	0.0000546	0.000122	0.0000828	0.102	0.00000216	0.000105	0.000157	0.000963	0.000316
2054 Jul	239	0.0743	0.14	0.00416	50.1	0.0328	21.6	0.00114	0.000985	0.00000556	0.00324	0.000696	0.0185	0.00871	0.00000519	10.8	0.00000876	0.000164	0.000119	0.000922	0.0158	0.00000233	1.72	2.17	0.0117	0.000341	22.8	0.00231	0.00716	0.0000547	0.000122	0.0000831	0.102	0.00000216	0.000106	0.000157	0.000963	0.000315
2054 Aug	239	0.0743	0.14	0.00416	50.1	0.0328	21.6	0.00114	0.000986	0.00000557	0.00324	0.000696	0.0185	0.00872	0.00000519	10.8	0.00000876	0.000164	0.000119	0.000923	0.0159	0.00000234	1.72	2.17	0.0117	0.000341	22.9	0.00231	0.00716	0.0000547	0.000122	0.0000832	0.102	0.00000216	0.000106	0.000158	0.000964	0.000316
2054 Sep	239	0.0743	0.14	0.00416	50.1	0.0328	21.6	0.00114	0.000986	0.00000557	0.00324	0.000696	0.0185	0.00872	0.00000519	10.8	0.00000876	0.000164	0.000119	0.000923	0.0159	0.00000234	1.72	2.17	0.0117	0.000341	22.9	0.00232	0.00717	0.0000547	0.000122	0.0000832	0.102	0.00000216	0.000106	0.000158	0.000964	0.000316
2054 Oct	239	0.0743	0.14	0.00416	50.1	0.0328	21.6	0.00114	0.000986	0.00000557	0.00324	0.000697	0.0186	0.00872	0.00000519	10.8	0.00000876	0.000165	0.000119	0.000923	0.0159	0.00000234	1.72	2.17	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000832	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2054 Nov	239	0.0743	0.14	0.00417	50.1	0.0328	21.6	0.00114	0.000986	0.00000556	0.00324	0.000698	0.0186	0.00872	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000923	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000833	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2054 Dec	239	0.0743	0.14	0.00417	50.1	0.0328	21.6	0.00114	0.000986	0.00000556	0.00324	0.000698	0.0186	0.00872	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000923	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000833	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2055 Jan	239	0.0743	0.14	0.00417	50.1	0.0328	21.6	0.00114	0.000986	0.00000556	0.00324	0.000698	0.0186	0.00872	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000923	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000833	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2055 Feb	239	0.0743	0.14	0.00417	50.1	0.0328	21.6	0.00114	0.000986	0.00000556	0.00324	0.000698	0.0186	0.00872	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000923	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000833	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2055 Mar	239	0.0743	0.14	0.00417	50.1	0.0328	21.6	0.00114	0.000986	0.00000556	0.00324	0.000698	0.0186	0.00872	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000923	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000833	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2055 Apr	239	0.0743	0.14	0.00417	50.1	0.0328	21.6	0.00114	0.000986	0.00000557	0.00324	0.000698	0.0186	0.00872	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000923	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.8	0.00232	0.00717	0.0000547	0.000122	0.0000833	0.102	0.00000216	0.000106	0.000158	0.000964	0.000315
2055 May	239	0.0744	0.14	0.00417	50.1	0.0329	21.6	0.00114	0.000987	0.00000557	0.00324	0.000699	0.0186	0.00873	0.00000519	10.8	0.00000877	0.000166	0.000119	0.000924	0.0159	0.00000234	1.72	2.18	0.0117	0.000342	22.9	0.00232	0.00717	0.0000548	0.000122	0.0000834	0.102	0.00000216	0.000106	0.000158	0.000965	0.000315
2055 Jun	237	0.0743	0.143	0.00421	49.7	0.033	22	0.00115	0.000984	0.00000555	0.00326	0.000721	0.019	0.00876	0.00000519	10.9	0.00000886	0.000177	0.00012	0.000926	0.016	0.00000239	1.74	2.21	0.012	0.00035	22.7	0.00234	0.00728	0.0000554	0.000124	0.0000847	0.102	0.00000216	0.000111	0.00016	0.000967	0.00031
2055 Jul	236	0.0743	0.145	0.00424	49.5	0.0331	22.3	0.00116	0.000984	0.00000555	0.00327	0.000737	0.0193	0.0088	0.0000052	11	0.00000894	0.000186	0.00012	0.000929	0.0161	0.00000243	1.75	2.24	0.0123	0.000356	22.7	0.00236	0.00735	0.0000558	0.000126	0.0000857	0.103	0.00000217	0.000115	0.000162	0.00097	0.000307
2055 Aug	237	0.0744	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000986	0.00000556	0.00327	0.000738	0.0193	0.00882	0.00000521	11	0.00000895	0.000186	0.000121	0.000931	0.0161	0.00000243	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00736	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000307
2055 Sep	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000986	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000895	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00736	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2055 Oct	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000986	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000895	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00736	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2055 Nov	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000896	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00737	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2055 Dec	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000896	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00737	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2056 Jan	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000896	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00737	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2056 Feb	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000896	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00737	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2056 Mar	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000896	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00236	0.00737	0.0000559	0.000126	0.0000859	0.103	0.00000217	0.000115	0.000162	0.000972	0.000308
2056 Apr	237	0.0745	0.146	0.00425	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00882	0.00000521	11	0.00000896	0.000186	0.000121	0.000931	0.0161	0.00000244	1.75	2.24	0.0123	0.000357	22.7	0.00237	0.00737	0.0000559	0.000126	0.0000859	0.103	0.00000218	0.000115	0.000162	0.000972	0.000308
2056 May	237	0.0745	0.146	0.00426	49.6	0.0332	22.3	0.00117	0.000987	0.00000556	0.00328	0.000739	0.0193	0.00883	0.00000521	11	0.00000896	0.000186	0.000121	0.000932	0.0161	0.00000244	1.76	2.24	0.0123	0.000357	22.7	0.00237	0.00

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2060 May	235	0.0756	0.157	0.00445	49.2	0.0343	23.9	0.00122	0.000995	0.0000056	0.00338	0.000825	0.021	0.00914	0.00000529	11.6	0.00000941	0.000229	0.000125	0.000956	0.0168	0.00000265	1.84	2.39	0.0136	0.000389	22.7	0.00249	0.00786	0.00006	0.000134	0.0000918	0.106	0.00000222	0.000134	0.000173	0.000996	0.000297
2060 Jun	234	0.0756	0.159	0.00448	49	0.0344	24.2	0.00123	0.000994	0.00000558	0.00339	0.00084	0.0213	0.00918	0.00000528	11.6	0.00000948	0.000238	0.000126	0.000958	0.0169	0.00000269	1.85	2.42	0.0139	0.000395	22.6	0.0025	0.00793	0.0000607	0.000136	0.0000928	0.107	0.00000222	0.000137	0.000175	0.000997	0.000294
2060 Jul	234	0.0758	0.16	0.0045	49.1	0.0345	24.3	0.00123	0.000996	0.0000056	0.0034	0.000846	0.0215	0.00921	0.0000053	11.7	0.00000952	0.00024	0.000126	0.000961	0.017	0.00000027	1.86	2.43	0.014	0.000397	22.6	0.00252	0.00797	0.0000609	0.000136	0.0000933	0.107	0.00000223	0.000139	0.000176	0.001	0.000294
2060 Aug	235	0.0759	0.16	0.0045	49.1	0.0345	24.3	0.00124	0.000997	0.0000056	0.0034	0.000847	0.0215	0.00922	0.0000053	11.7	0.00000953	0.000241	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000398	22.7	0.00252	0.00798	0.00006	0.000136	0.0000934	0.107	0.00000223	0.000139	0.000176	0.001	0.000295
2060 Sep	234	0.0758	0.16	0.00449	49.1	0.0345	24.3	0.00123	0.000996	0.00000559	0.0034	0.000846	0.0214	0.0092	0.00000529	11.7	0.00000951	0.00024	0.000126	0.000961	0.0169	0.0000027	1.86	2.43	0.014	0.000397	22.6	0.00251	0.00797	0.0000609	0.000136	0.0000932	0.107	0.00000223	0.000139	0.000176	0.001	0.000294
2060 Oct	234	0.0758	0.16	0.0045	49	0.0345	24.4	0.00124	0.000995	0.00000559	0.0034	0.000849	0.0215	0.00921	0.00000529	11.7	0.00000952	0.000242	0.000126	0.000961	0.0169	0.00000271	1.86	2.44	0.014	0.000398	22.6	0.00252	0.00797	0.0000609	0.000136	0.0000934	0.107	0.00000223	0.000139	0.000176	0.001	0.000294
2060 Nov	234	0.0758	0.16	0.0045	49	0.0345	24.4	0.00124	0.000995	0.00000559	0.0034	0.00085	0.0215	0.00921	0.00000529	11.7	0.00000953	0.000243	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000399	22.6	0.00252	0.00798	0.00006	0.000137	0.0000935	0.107	0.00000223	0.000139	0.000176	0.001	0.000293
2060 Dec	234	0.0758	0.16	0.0045	49	0.0345	24.4	0.00124	0.000995	0.00000559	0.0034	0.00085	0.0215	0.00921	0.00000529	11.7	0.00000953	0.000243	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000399	22.6	0.00252	0.00798	0.00006	0.000137	0.0000935	0.107	0.00000223	0.000139	0.000176	0.001	0.000293
2061 Jan	234	0.0758	0.16	0.0045	49	0.0345	24.4	0.00124	0.000995	0.00000559	0.0034	0.000851	0.0215	0.00921	0.00000529	11.7	0.00000953	0.000243	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000399	22.6	0.00252	0.00798	0.00006	0.000137	0.0000935	0.107	0.00000223	0.000139	0.000176	0.001	0.000293
2061 Feb	234	0.0758	0.16	0.0045	49	0.0345	24.4	0.00124	0.000995	0.00000559	0.0034	0.000851	0.0215	0.00921	0.00000529	11.7	0.00000953	0.000243	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000399	22.6	0.00252	0.00798	0.00006	0.000137	0.0000935	0.107	0.00000223	0.000139	0.000176	0.001	0.000293
2061 Mar	234	0.0758	0.16	0.0045	49	0.0346	24.4	0.00124	0.000995	0.00000559	0.0034	0.000851	0.0215	0.00921	0.00000529	11.7	0.00000953	0.000243	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000399	22.6	0.00252	0.00798	0.00006	0.000137	0.0000935	0.107	0.00000223	0.000139	0.000176	0.001	0.000293
2061 Apr	234	0.0758	0.16	0.0045	49	0.0345	24.4	0.00124	0.000995	0.00000559	0.0034	0.000851	0.0215	0.00921	0.00000529	11.7	0.00000953	0.000243	0.000126	0.000962	0.017	0.00000271	1.86	2.44	0.014	0.000399	22.6	0.00252	0.00798	0.00006	0.000137	0.0000936	0.107	0.00000223	0.00014	0.000176	0.001	0.000293
2061 May	234	0.0759	0.161	0.00452	49	0.0346	24.5	0.00124	0.000995	0.00000559	0.00341	0.000858	0.0217	0.00924	0.0000053	11.8	0.00000957	0.000247	0.000126	0.000964	0.017	0.00000273	1.87	2.45	0.0141	0.000402	22.6	0.00253	0.00802	0.0000613	0.000137	0.000094	0.108	0.00000223	0.000141	0.000177	0.001	0.000293
2061 Jun	232	0.0759	0.165	0.00458	48.5	0.0349	25.2	0.00126	0.000992	0.00000557	0.00343	0.000897	0.0225	0.00931	0.0000053	11.9	0.00000973	0.000269	0.000128	0.00097	0.0172	0.00000282	1.9	2.52	0.0147	0.000417	22.5	0.00258	0.00815	0.0000625	0.000141	0.0000966	0.109	0.00000223	0.00015	0.000181	0.00101	0.000287
2061 Jul	233	0.0761	0.166	0.0046	48.6	0.035	25.4	0.00127	0.000994	0.00000558	0.00344	0.000903	0.0226	0.00934	0.00000531	12	0.00000977	0.000272	0.000128	0.000974	0.0172	0.00000283	1.91	2.53	0.0148	0.000419	22.5	0.0026	0.00819	0.0000628	0.000142	0.0000971	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2061 Aug	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000997	0.0000056	0.00345	0.000905	0.0227	0.00936	0.00000532	12	0.00000979	0.000272	0.000128	0.000976	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.6	0.0026	0.00821	0.0000629	0.000142	0.0000973	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2061 Sep	233	0.0764	0.167	0.00462	48.8	0.0351	25.5	0.00127	0.000997	0.0000056	0.00345	0.000906	0.0227	0.00937	0.00000533	12	0.0000098	0.000273	0.000129	0.000976	0.0173	0.00000284	1.91	2.54	0.0149	0.000421	22.6	0.0026	0.00821	0.0000663	0.000142	0.0000974	0.109	0.00000224	0.000152	0.000182	0.00101	0.000288
2061 Oct	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000905	0.0227	0.00936	0.00000532	12	0.00000979	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.6	0.0026	0.0082	0.0000629	0.000142	0.0000973	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2061 Nov	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000904	0.0227	0.00936	0.00000532	12	0.00000978	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.5	0.0026	0.0082	0.0000629	0.000142	0.0000972	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2061 Dec	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000904	0.0227	0.00936	0.00000532	12	0.00000978	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.5	0.0026	0.0082	0.0000629	0.000142	0.0000972	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2062 Jan	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000904	0.0227	0.00936	0.00000532	12	0.00000978	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.5	0.0026	0.0082	0.0000629	0.000142	0.0000972	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2062 Feb	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000904	0.0227	0.00936	0.00000532	12	0.00000978	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.5	0.0026	0.0082	0.0000629	0.000142	0.0000972	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2062 Mar	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000904	0.0227	0.00936	0.00000532	12	0.00000979	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.6	0.0026	0.0082	0.0000629	0.000142	0.0000973	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2062 Apr	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000996	0.00000559	0.00345	0.000905	0.0227	0.00936	0.00000532	12	0.00000979	0.000272	0.000128	0.000975	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.6	0.0026	0.00821	0.0000629	0.000142	0.0000973	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2062 May	233	0.0763	0.167	0.00461	48.7	0.0351	25.4	0.00127	0.000997	0.0000056	0.00345	0.000905	0.0227	0.00936	0.00000532	12	0.00000979	0.000272	0.000128	0.000976	0.0173	0.00000284	1.91	2.54	0.0148	0.00042	22.6	0.0026	0.00821	0.0000629	0.000142	0.0000973	0.109	0.00000224	0.000151	0.000182	0.00101	0.000287
2062 Jun	233	0.0763	0.168	0.00464	48.5	0.0352	25.7	0.00128	0.000995	0.00000559	0.00346	0.0009	0.023	0.00939	0.00000532	12.1	0.00000986	0.000281	0.000129	0.000978	0.0174	0.00000288	1.92	2.56	0.0151	0.000426	22.5	0.00262	0.00828	0.0000634	0.000143	0.0000983	0.11	0.00000224	0.000155	0.000184	0.00102	0.000285
2062 Jul	232	0.0764	0.17	0.00467	48.4	0.0354	26.1	0.00129	0.000995	0.00000558	0.00347	0.000938	0.0234	0.00944	0.00000533	12.2	0.00000995	0.000292	0.00013	0.000982	0.0174	0.00000292	1.94	2.6	0.0153	0.000434	22.5	0.00265	0.00835	0.0000639	0.000145	0.0000995	0.111	0.00000225	0.000159	0.000186	0.00102	0.000283
2062 Aug	232	0.0765	0.171	0.00467	48.4	0.0354	26.1	0.00129	0.000996	0.00000559	0.00348	0.000939	0.0234	0.00944	0.00000533	12.2	0.00000995	0.000292	0.00013	0.000983	0.0175	0.00000292	1.94	2.6	0.0153	0.000434	22.5	0.00265	0.00835	0.0000639	0.000145	0.0000996	0.111	0.00000225	0.000159	0.000186	0.00102	0.000283
2062 Sep	232	0.0765	0.171	0.00467	48.4	0.0354	26.1	0.00129	0.000995	0.00000558	0.00347	0.00094	0.0234	0.00944	0.00000533	12.2	0.00000995	0.000292	0.00013	0.000983	0.0174	0.00000292	1.94	2.6	0.0154	0.000434	22.5	0.00265	0.00835	0.0000639	0.000145	0.0000997	0.111	0.00000225	0.000159	0.000186	0.00102	0.000283
2062 Oct	230	0.0765	0.174	0.00472	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000971	0.0241	0.00949	0.00000533	12.4	0.0000101	0.000311	0.000131	0.000988	0.0175	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00844	0.0000645	0.000148	0.000102	0.112	0.00000225	0.000166	0.000189	0.00102	0.000278
2062 Nov	230	0.0765	0.174	0.00473	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000973	0.0242	0.00949	0.00000533	12.4	0.0000101	0.000311	0.000131	0.000989	0.0176	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00845	0.0000646	0.000148	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2062 Dec	230	0.0765	0.174	0.00473	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000973	0.0242	0.00949	0.00000533	12.4	0.0000101	0.000311	0.000131	0.000989	0.0176	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00845	0.0000646	0.000148	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2063 Jan	230	0.0765	0.174	0.00473	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000973	0.0242	0.00949	0.00000533	12.4	0.0000101	0.000312	0.000131	0.000989	0.0176	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00845	0.0000646	0.000148	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2063 Feb	230	0.0765	0.174	0.00473	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000973	0.0242	0.00949	0.00000533	12.4	0.0000101	0.000312	0.000131	0.000989	0.0176	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00845	0.0000646	0.000148	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2063 Mar	230	0.0765	0.174	0.00473	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000973	0.0242	0.00949	0.00000533	12.4	0.0000101	0.000312	0.000131	0.000989	0.0176	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00845	0.0000646	0.000148	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2063 Apr	230	0.0765	0.174	0.00473	48	0.0357	26.7	0.0013	0.000992	0.00000557	0.00349	0.000973	0.0242	0.00949	0.00000533	12.4	0.0000101	0.000312	0.000131	0.000989	0.0176	0.00000299	1.97	2.66	0.0158	0.000447	22.4	0.0027	0.00845	0.0000646	0.000148	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2063 May	231	0.0766	0.174	0.00473	48.1	0.0358	26.8	0.0013	0.000992	0.00000557	0.0035	0.000975	0.0242	0.0095	0.00000533	12.4	0.0000101	0.000313	0.000131	0.00099	0.0176	0.000003	1.97	2.66	0.0158	0.000448	22.4	0.00271	0.00846	0.0000647	0.000149	0.000102	0.112	0.00000225	0.000167	0.000189	0.00102	0.000278
2063 Jun	228	0.0768	0.181	0.00484	47.4	0.0363	28	0.00134	0.000987	0.00000554	0.00353	0.00104	0.0256	0.00963	0.00000533	12.7	0.0000104	0.00035	0.000133	0.001	0.0179	0.00000315	2.03	2.78	0.0168	0.000473	22.2	0.0028	0.00869	0.0000666	0.000155	0.000106	0.114	0.00000226	0.000181	0.000196	0.00103	0.00027
2063 Jul	228	0.0769	0.182	0.00487	47.4	0.0365	28.4	0.00135	0.000987	0.00000554	0.00355	0.00106	0.026	0.00967	0.00000534	12.8	0.0000105	0.00036	0.000134	0.00101	0.0179	0.00000319	2.05	2.81	0.017	0.000481	22.2	0.00283	0.00874	0.0000671	0.000157	0.000108	0.115	0.00000226	0.000185	0.000198	0.00103	0.000268
2063 Aug	228	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0261	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00876	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2063 Sep	229	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0261	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.0000032	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00877	0.0000673	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2063 Oct	228	0.0771	0.183	0.00488	47.4	0.0366	28.4	0.00135	0.000989	0.00000555	0.00356	0.00106	0.026	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00876	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2063 Nov	228	0.0771	0.183	0.00488	47.4	0.0366	28.4	0.00135	0.000989	0.00000555	0.00356	0.00106	0.026	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00876	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2063 Dec	228	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.026	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00876	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2064 Jan	228	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0261	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00876	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2064 Feb	228	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0261	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00876	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2064 Mar	228	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0261	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00877	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2064 Apr	228	0.0771	0.183	0.00488	47.5	0.0366	28.4	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0261	0.0097	0.00000535	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000319	2.05	2.82	0.0171	0.000482	22.2	0.00284	0.00877	0.0000672	0.000157	0.000108	0.115	0.00000227	0.000186	0.000198	0.00103	0.000269
2064 May	228	0.0772	0.184	0.00489	47.4	0.0367	28.6	0.00135	0.00099	0.00000555	0.00356	0.00106	0.0262	0.00972	0.00000536	12.9	0.0000105	0.00036	0.000134	0.00101	0.018	0.00000321	2.06	2.83	0.0172	0.000485	22.2	0.00285	0.0088	0.0000675	0.000158	0.000108	0.115	0.00000227	0.000187	0.000199	0.00103	0.000268
2064 Jun	227	0.0774	0.188	0.00497	47	0.0372	29.5	0.00138	0.000986	0.00000553	0.00359	0.00111	0.0273	0.00982	0.00000536	13.2	0.0000107	0.000394	0.000136	0.00102	0.0182	0.00000332	2.1	2.92	0.0179	0.000504	22.1	0.00292	0.00896	0.0000691	0.000163	0.000112	0.117	0.00000227	0.000198	0.000204	0.00104	0.000263
2064 Jul	227	0.0775	0.189	0.00498	47.1	0.0373	29.6	0.00138	0.000988	0.00000554	0.0036	0.00112	0.0274	0.00984	0.00000537	13.2	0.0000108	0.000396	0.000137	0.00102	0.0183	0.00000333	2.11	2.93	0.018	0.000506	22.1	0.00293	0.00898	0.0000693	0.000163	0.000112	0.118	0.00000228	0.000199	0.000205	0.00104	0.000263
2064 Aug	228	0.0776	0.189	0.00499	47.1	0.0373	29.7	0.00138	0.000989	0.00000555	0.0036	0.00112	0.0274	0.00985	0.00000537	13.2	0.0000108	0.000396	0.000137	0.00102	0.0183	0.00000334	2.11	2.93	0.018	0.000507	22.2	0.00294	0.00899	0.0000693	0.000163	0.000112	0.118	0.00000228	0.000199	0.000205	0.00104	0.000263
2064 Sep	227	0.0775	0.189	0.00499	47.1	0.0373	29.6	0.00138	0.000988	0.00000555	0.0036	0.00112	0.0274	0.00985	0.00000537	13.2	0.0000108	0.000396	0.000137	0.00102	0.0183	0.00000334	2.11	2.93	0.018	0.000507	22.1	0.00293	0.00898	0.0000693	0.000163	0.000112	0.118	0.00000228	0.000199	0.000205	0.00104	0.000263
2064 Oct	227

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
2068 Sep	226	0.0795	0.208	0.00535	46.3	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000384	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.0098	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2068 Oct	226	0.0795	0.208	0.00535	46.4	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.0098	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2068 Nov	227	0.0795	0.208	0.00535	46.4	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.0098	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2068 Dec	227	0.0795	0.208	0.00535	46.4	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.00981	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2069 Jan	227	0.0795	0.208	0.00535	46.4	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.00981	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2069 Feb	227	0.0796	0.208	0.00535	46.4	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.00981	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2069 Mar	227	0.0796	0.208	0.00535	46.4	0.0398	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.00981	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2069 Apr	227	0.0796	0.208	0.00535	46.4	0.0399	34	0.0015	0.000992	0.00000557	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000594	22.1	0.0033	0.00981	0.0000763	0.000186	0.000127	0.127	0.00000234	0.000246	0.00023	0.00108	0.000248
2069 May	227	0.0796	0.208	0.00536	46.4	0.0399	34	0.0015	0.000993	0.00000558	0.00379	0.00133	0.0323	0.0104	0.00000548	14.5	0.0000118	0.000519	0.000146	0.00108	0.0195	0.00000385	2.32	3.35	0.0212	0.000595	22.1	0.0033	0.00981	0.0000764	0.000186	0.000127	0.128	0.00000234	0.000246	0.00023	0.00108	0.000249
2069 Jun	226	0.0796	0.209	0.00537	46.3	0.04	34.3	0.00151	0.000991	0.00000557	0.0038	0.00134	0.0327	0.0105	0.00000548	14.6	0.0000119	0.000528	0.000147	0.00109	0.0195	0.00000388	2.34	3.38	0.0215	0.0006	22	0.00332	0.00987	0.0000768	0.000188	0.000128	0.128	0.00000234	0.000249	0.00023	0.00108	0.000247
2069 Jul	227	0.0798	0.21	0.0054	46.3	0.0402	34.5	0.00151	0.000993	0.00000558	0.00382	0.00135	0.033	0.0105	0.0000055	14.7	0.000012	0.000535	0.000148	0.00109	0.0196	0.00000392	2.35	3.4	0.0216	0.000606	22.1	0.00335	0.00992	0.0000772	0.000189	0.000129	0.129	0.00000235	0.000252	0.00023	0.00109	0.000247
2069 Aug	227	0.0799	0.211	0.00541	46.4	0.0403	34.6	0.00152	0.000995	0.00000559	0.00382	0.00136	0.033	0.0105	0.0000055	14.7	0.000012	0.000536	0.000148	0.00109	0.0196	0.00000392	2.35	3.41	0.0217	0.000607	22.1	0.00335	0.00994	0.0000774	0.000189	0.000129	0.129	0.00000235	0.000253	0.00023	0.00109	0.000247
2069 Sep	227	0.0799	0.211	0.00541	46.3	0.0402	34.6	0.00152	0.000994	0.00000558	0.00382	0.00136	0.033	0.0105	0.0000055	14.7	0.000012	0.000537	0.000148	0.00109	0.0196	0.00000392	2.35	3.41	0.0217	0.000607	22.1	0.00335	0.00993	0.0000773	0.000189	0.000129	0.129	0.00000235	0.000253	0.00023	0.00109	0.000247
2069 Oct	226	0.0798	0.212	0.00542	46.2	0.0404	34.9	0.00152	0.000992	0.00000557	0.00383	0.00137	0.0333	0.0105	0.0000549	14.8	0.000012	0.000545	0.000148	0.0011	0.0197	0.00000395	2.36	3.43	0.0219	0.000612	22	0.00337	0.00996	0.0000775	0.000191	0.00013	0.129	0.00000235	0.000256	0.00023	0.00109	0.000245
2069 Nov	226	0.0798	0.212	0.00542	46.1	0.0404	34.9	0.00152	0.000991	0.00000557	0.00383	0.00137	0.0334	0.0105	0.0000549	14.8	0.000012	0.000546	0.000148	0.0011	0.0197	0.00000396	2.37	3.44	0.0219	0.000614	22	0.00338	0.00997	0.0000776	0.000191	0.00013	0.13	0.00000235	0.000256	0.00023	0.00109	0.000245
2069 Dec	226	0.0799	0.212	0.00542	46.1	0.0404	34.9	0.00152	0.000991	0.00000557	0.00383	0.00137	0.0334	0.0105	0.0000549	14.8	0.000012	0.000546	0.000148	0.0011	0.0197	0.00000396	2.37	3.44	0.0219	0.000614	22	0.00338	0.00997	0.0000776	0.000191	0.00013	0.13	0.00000235	0.000256	0.00023	0.00109	0.000245
2070 Jan	226	0.0799	0.212	0.00542	46.1	0.0404	34.9	0.00152	0.000991	0.00000557	0.00383	0.00137	0.0334	0.0105	0.0000549	14.8	0.000012	0.000547	0.000148	0.0011	0.0197	0.00000396	2.37	3.44	0.0219	0.000614	22	0.00338	0.00997	0.0000776	0.000191	0.00013	0.13	0.00000235	0.000256	0.00023	0.00109	0.000245
2070 Feb	226	0.0799	0.212	0.00542	46.1	0.0404	34.9	0.00152	0.000991	0.00000557	0.00383	0.00137	0.0334	0.0105	0.0000549	14.8	0.000012	0.000547	0.000148	0.0011	0.0197	0.00000396	2.37	3.44	0.0219	0.000614	22	0.00338	0.00997	0.0000776	0.000191	0.00013	0.13	0.00000235	0.000256	0.00023	0.00109	0.000245
2070 Mar	226	0.0799	0.212	0.00542	46.1	0.0404	34.9	0.00152	0.000992	0.00000557	0.00383	0.00137	0.0334	0.0105	0.0000549	14.8	0.000012	0.000547	0.000148	0.0011	0.0197	0.00000396	2.37	3.44	0.0219	0.000614	22	0.00338	0.00997	0.0000776	0.000191	0.00013	0.13	0.00000235	0.000256	0.00023	0.00109	0.000245
2070 Apr	226	0.0799	0.212	0.00542	46.2	0.0404	34.9	0.00152	0.000992	0.00000557	0.00383	0.00137	0.0334	0.0105	0.0000055	14.8	0.000012	0.000547	0.000148	0.0011	0.0197	0.00000396	2.37	3.44	0.0219	0.000614	22	0.00338	0.00997	0.0000776	0.000191	0.00013	0.13	0.00000235	0.000256	0.00023	0.00109	0.000245
2070 May	226	0.0799	0.212	0.00543	46.2	0.0404	35	0.00153	0.000992	0.00000557	0.00383	0.00138	0.0335	0.0106	0.0000055	14.8	0.0000121	0.000549	0.000149	0.0011	0.0197	0.00000397	2.37	3.45	0.022	0.000615	22	0.00339	0.00999	0.0000778	0.000191	0.000131	0.13	0.00000235	0.000257	0.00023	0.00109	0.000245
2070 Jun	226	0.0801	0.214	0.00547	46	0.0408	35.6	0.00154	0.000991	0.00000557	0.00386	0.00141	0.0342	0.0106	0.0000551	15	0.0000122	0.000568	0.00015	0.00111	0.0199	0.00000404	2.4	3.51	0.0225	0.000628	22	0.00344	0.0101	0.0000789	0.000195	0.000133	0.131	0.00000235	0.000264	0.00023	0.0011	0.000242
2070 Jul	226	0.0802	0.215	0.00549	46	0.0409	35.7	0.00154	0.000993	0.00000558	0.00387	0.00141	0.0343	0.0107	0.0000552	15	0.0000122	0.00057	0.00015	0.00111	0.0199	0.00000406	2.41	3.52	0.0225	0.00063	22	0.00345	0.0101	0.0000791	0.000195	0.000133	0.132	0.00000236	0.000265	0.00024	0.0011	0.000243
2070 Aug	227	0.0804	0.215	0.0055	46.1	0.0409	35.8	0.00155	0.000994	0.00000559	0.00387	0.00141	0.0344	0.0107	0.0000553	15.1	0.0000123	0.000571	0.000151	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000631	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2070 Sep	226	0.0803	0.215	0.00549	46.1	0.0409	35.8	0.00155	0.000994	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.00057	0.00015	0.00111	0.0199	0.00000406	2.41	3.52	0.0226	0.000631	22	0.00345	0.0101	0.0000792	0.000195	0.000133	0.132	0.00000236	0.000265	0.00024	0.0011	0.000243
2070 Oct	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000571	0.00015	0.00111	0.0199	0.00000406	2.41	3.52	0.0226	0.000631	22	0.00345	0.0101	0.0000792	0.000195	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2070 Nov	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000571	0.00015	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000632	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2070 Dec	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000571	0.00015	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000632	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2071 Jan	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000571	0.00015	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000632	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2071 Feb	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000571	0.00015	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000632	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2071 Mar	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000572	0.00015	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000632	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2071 Apr	226	0.0803	0.215	0.00549	46	0.0409	35.8	0.00155	0.000993	0.00000558	0.00387	0.00141	0.0344	0.0107	0.0000552	15.1	0.0000123	0.000572	0.00015	0.00111	0.0199	0.00000406	2.41	3.53	0.0226	0.000632	22	0.00346	0.0101	0.0000792	0.000196	0.000133	0.132	0.00000236	0.000266	0.00024	0.0011	0.000243
2071 May	226	0.0803	0.215	0.0055	46	0.041	35.9	0.00155	0.000993	0.00000558	0.00387	0.00142	0.0345	0.0107	0.0000552	15.1	0.0000123	0.000573	0.00015	0.00111	0.02	0.00000407	2.42	3.53	0.0226	0.000633	22	0.00346	0.0102	0.0000793	0.000196	0.000134	0.132	0.00000236	0.000266	0.00024	0.0011	0.000242
2071 Jun	226	0.0804	0.218	0.00555	45.7	0.0414	36.7	0.00157	0.00099	0.00000557	0.0039	0.00146	0.0355	0.0108	0.0000552	15.3	0.0000125	0.0006	0.000152	0.00112	0.0201	0.00000417	2.46	3.62	0.0233	0.000651	21.9	0.00354	0.0103	0.0000806	0.0002	0.000137	0.134	0.00000236	0.000276	0.00024	0.0011	0.000239
2071 Jul	226	0.0806	0.219	0.00558	45.7	0.0416	37	0.00158	0.000991	0.00000557	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000656	21.9	0.00356	0.0103	0.0000809	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2071 Aug	226	0.0807	0.22	0.00559	45.8	0.0417	37.1	0.00158	0.000991	0.00000558	0.00392	0.00147	0.0359	0.0108	0.0000555	15.4	0.0000126	0.000608	0.000153	0.00113	0.0202	0.0000042	2.47	3.65	0.0235	0.000657	22	0.00357	0.0104	0.0000811	0.000202	0.000138	0.135	0.00000237	0.000279	0.00024	0.00111	0.000239
2071 Sep	226	0.0807	0.22	0.00558	45.8	0.0416	37.1	0.00158	0.000992	0.00000558	0.00392	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000126	0.000608	0.000153	0.00113	0.0202	0.0000042	2.47	3.65	0.0235	0.000657	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.135	0.00000237	0.000279	0.00024	0.00111	0.000239
2071 Oct	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000657	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2071 Nov	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000656	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2071 Dec	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000656	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2072 Jan	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000656	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2072 Feb	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000656	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2072 Mar	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000656	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2072 Apr	226	0.0806	0.219	0.00558	45.8	0.0416	37	0.00158	0.000992	0.00000558	0.00391	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000125	0.000607	0.000153	0.00112	0.0202	0.0000042	2.47	3.64	0.0235	0.000657	22	0.00356	0.0103	0.0000811	0.000202	0.000138	0.134	0.00000237	0.000279	0.00024	0.00111	0.000239
2072 May	226	0.0807	0.22	0.00558	45.8	0.0417	37.1	0.00158	0.000992	0.00000558	0.00392	0.00147	0.0358	0.0108	0.0000554	15.4	0.0000126	0.000608	0.000153	0.00113	0.0202	0.0000042	2.47	3.65	0.0235	0.000657	22	0.00356	0.0104	0.0000811	0.000202	0.000138	0.135	0.00000237	0.000279	0.00024	0.00111	0.000239
2072 Jun	226	0.0808	0.221	0.0056	45.7	0.0418	37.4	0.00159	0.000992	0.00000558	0.00393	0.00149	0.0362	0.0109	0.0000555	15.5	0.0000126	0.000617	0.000154	0.00113	0.0203	0.0000424	2.49	3.68	0.0237	0.000664	21.9	0.00359	0.0104	0.0000815	0.000204	0.000139	0.135	0.00000237	0.000283	0.00024	0.00111	0.000238
2072 Jul	226	0.0809	0.221	0.00562	45.7	0.042	37.6	0.00159	0.000993	0.00000558	0.00394	0.0015	0.0364	0.0109	0.0000556	15.6	0.0000127	0.000623	0.000154	0.00113	0.0204	0.0000427	2.5	3.7	0.0239	0.000668	22	0.00361	0.0104	0.0000818	0.000205	0.00014	0.136	0.00000238	0.000285	0.00025	0.00111	0.000238
2072 Aug	226	0.081	0.222	0.00564	45.7	0.0421	37.8	0.0016	0.000993	0.00000559	0.00395	0.00151	0.0367	0.0109	0.0000556	15.6	0.0000127	0.000628	0.000155	0.00114	0.0204	0.0000429	2.51	3.72	0.024	0.000672	22	0.00363	0.0105	0.0000821	0.000206	0.00014	0.136	0.00000238	0.000287	0.00025	0.00112	0.000237
2072 Sep	226	0.081	0.223	0.00565	45.6	0.0422	38	0.0016	0.000992	0.00000558	0.00395	0.00152	0.0369	0.0109	0.0000556	15.7	0.0000128	0.000635	0.000155	0.00114	0.0204	0.0000431	2.52	3.74	0.0242	0.000676	21.9	0.00365	0.0105	0.0000823	0.000207	0.000141	0.137	0.00000238	0.000289	0.00025	0.00112	0.000237
2072 Oct	226	0.081	0.224	0.00567	45.5	0.0424	38.4	0.00161	0.000991	0.00000558	0.00396	0.00153	0.0373	0.011	0.0000556	15.8	0.0000129	0.000646	0.000156	0.00114	0.0205	0.0000435	2.54	3.77	0.0244	0.000684	21.9	0.00368	0.0105	0.0000826	0.000209	0.000142	0.137	0.00000238	0.000293	0.00025	0.00112	0.000235
2072 Nov	226	0.081	0.224	0.00567	45.5	0.0424	38.4	0.00161	0.000991	0.00000558	0.00397	0.00154	0.0374	0.011	0.0000556	15.8	0.0000129	0.000647	0.000156	0.00114	0.0205	0.0000436	2.54	3.78	0.0244	0.000685	21.9	0.00368	0.0106	0.0000827	0.000209	0.000142	0.138	0.00000238	0.000294	0.00025	0.00112	0.000235
2072 Dec	226	0.081	0.224	0.00567	45.5	0.0424	38.4	0.00161	0.000991	0.00000558	0.00397	0.00154	0.0374	0.011	0.0000556	15.8	0.0000129	0.000647	0.000156	0.00114	0.0205	0.0000436	2.54	3.78	0.0244	0.000685	21.9	0.00368	0.0106	0.0000827	0.000209	0.000142	0.138	0.00000238	0.000294	0.00025	0.00112	0.000235
2073 Jan	226	0.0811	0.224	0.00568	45.5	0.0424	38.4	0.00161	0.000991	0.00000558	0.00397	0.00154	0.0374	0.011	0.0000556	15.8	0.0000129	0.000647	0.000156	0.00114	0.0205	0.0000436	2.54	3.78	0.0244	0.000685	21.9	0.00368	0.0106	0.0000827	0.000209	0.000142	0.138	0.00000238	0.000294	0.00025	0.00112	0.000235
2073 Feb	226	0.0811	0.224	0.00568	45.5	0.0424	38.4	0.00161

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
2077 Jan	227	0.0829	0.24	0.00604	44.8	0.0456	43.9	0.00175	0.000994	0.00000561	0.00419	0.00179	0.0436	0.0117	0.00000569	17.4	0.0000142	0.000802	0.000168	0.00122	0.0218	0.00000498	2.81	4.3	0.0284	0.000794	21.8	0.00416	0.0115	0.0000911	0.000238	0.000161	0.151	0.00000244	0.00035	0.000285	0.00117	0.000224
2077 Feb	227	0.0829	0.24	0.00604	44.8	0.0456	43.9	0.00175	0.000994	0.00000561	0.00419	0.00179	0.0436	0.0117	0.00000569	17.4	0.0000142	0.000802	0.000168	0.00122	0.0218	0.00000498	2.81	4.3	0.0284	0.000794	21.8	0.00416	0.0115	0.0000911	0.000238	0.000161	0.151	0.00000244	0.00035	0.000285	0.00117	0.000224
2077 Mar	227	0.0829	0.24	0.00604	44.8	0.0457	43.9	0.00175	0.000994	0.00000561	0.00419	0.00179	0.0436	0.0117	0.00000569	17.4	0.0000142	0.000802	0.000168	0.00122	0.0219	0.00000498	2.81	4.3	0.0284	0.000795	21.8	0.00416	0.0115	0.0000911	0.000238	0.000161	0.151	0.00000244	0.00035	0.000285	0.00117	0.000224
2077 Apr	227	0.0829	0.24	0.00604	44.8	0.0457	43.9	0.00175	0.000994	0.00000561	0.00419	0.00179	0.0436	0.0117	0.00000569	17.4	0.0000142	0.000802	0.000168	0.00122	0.0219	0.00000498	2.81	4.3	0.0284	0.000795	21.8	0.00416	0.0115	0.0000911	0.000238	0.000161	0.151	0.00000244	0.00035	0.000285	0.00117	0.000224
2077 May	227	0.083	0.24	0.00605	44.8	0.0457	43.9	0.00175	0.000994	0.00000562	0.00419	0.00179	0.0437	0.0117	0.00000569	17.4	0.0000142	0.000803	0.000168	0.00122	0.0219	0.00000498	2.81	4.31	0.0284	0.000795	21.8	0.00416	0.0115	0.0000912	0.000238	0.000161	0.151	0.00000245	0.00035	0.000285	0.00117	0.000224
2077 Jun	227	0.083	0.242	0.00608	44.5	0.046	44.6	0.00177	0.000991	0.0000056	0.00421	0.00182	0.0444	0.0117	0.00000569	17.6	0.0000143	0.000823	0.00017	0.00123	0.022	0.00000506	2.84	4.37	0.0289	0.000809	21.7	0.00422	0.0116	0.0000923	0.000242	0.000163	0.152	0.00000245	0.00035	0.000289	0.00117	0.000221
2077 Jul	227	0.0831	0.242	0.00609	44.6	0.0461	44.7	0.00177	0.000993	0.00000562	0.00422	0.00183	0.0446	0.0118	0.0000057	17.7	0.0000144	0.000825	0.00017	0.00123	0.0221	0.00000507	2.85	4.38	0.029	0.000811	21.8	0.00423	0.0116	0.0000925	0.000242	0.000164	0.153	0.00000245	0.00035	0.000289	0.00117	0.000222
2077 Aug	228	0.0833	0.243	0.00611	44.7	0.0462	44.8	0.00177	0.000995	0.00000563	0.00423	0.00183	0.0447	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000813	21.8	0.00424	0.0116	0.0000927	0.000243	0.000164	0.153	0.00000246	0.00036	0.00029	0.00118	0.000222
2077 Sep	227	0.0832	0.242	0.0061	44.6	0.0462	44.7	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000826	0.00017	0.00123	0.0221	0.00000508	2.85	4.38	0.029	0.000812	21.8	0.00423	0.0116	0.0000926	0.000242	0.000164	0.153	0.00000245	0.00035	0.00029	0.00117	0.000222
2077 Oct	227	0.0832	0.242	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000826	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.029	0.000812	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00035	0.00029	0.00117	0.000222
2077 Nov	227	0.0832	0.243	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000812	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00036	0.00029	0.00117	0.000222
2077 Dec	227	0.0832	0.243	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000812	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00036	0.00029	0.00117	0.000222
2078 Jan	227	0.0832	0.243	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000812	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00036	0.00029	0.00117	0.000222
2078 Feb	227	0.0832	0.243	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000812	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00036	0.00029	0.00117	0.000222
2078 Mar	227	0.0832	0.243	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000812	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00036	0.00029	0.00117	0.000222
2078 Apr	227	0.0832	0.243	0.0061	44.6	0.0462	44.8	0.00177	0.000994	0.00000562	0.00422	0.00183	0.0446	0.0118	0.00000571	17.7	0.0000144	0.000827	0.00017	0.00123	0.0221	0.00000508	2.85	4.39	0.0291	0.000813	21.8	0.00423	0.0116	0.0000926	0.000243	0.000164	0.153	0.00000245	0.00036	0.00029	0.00117	0.000222
2078 May	227	0.0833	0.243	0.00612	44.6	0.0464	45.1	0.00178	0.000994	0.00000562	0.00424	0.00185	0.0451	0.0118	0.00000571	17.8	0.0000145	0.000837	0.000171	0.00124	0.0222	0.00000512	2.87	4.42	0.0293	0.00082	21.8	0.00427	0.0117	0.0000933	0.000245	0.000165	0.154	0.00000246	0.000364	0.000292	0.00118	0.000221
2078 Jun	227	0.0834	0.246	0.00618	44.3	0.047	46.2	0.00181	0.000991	0.00000561	0.00427	0.0019	0.0463	0.0119	0.00000572	18.1	0.0000147	0.000869	0.000173	0.00125	0.0224	0.00000524	2.92	4.53	0.0301	0.000842	21.7	0.00436	0.0118	0.0000948	0.00025	0.000169	0.156	0.00000246	0.000375	0.000298	0.00118	0.000218
2078 Jul	228	0.0836	0.246	0.00619	44.4	0.0471	46.4	0.00181	0.000993	0.00000562	0.00428	0.0019	0.0465	0.012	0.00000574	18.2	0.0000147	0.000872	0.000174	0.00125	0.0225	0.00000526	2.93	4.54	0.0302	0.000845	21.7	0.00437	0.0119	0.0000951	0.00025	0.00017	0.157	0.00000247	0.000376	0.000299	0.00119	0.000219
2078 Aug	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2078 Sep	228	0.0838	0.247	0.0062	44.4	0.0472	46.5	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00126	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000953	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2078 Oct	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2078 Nov	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2078 Dec	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2079 Jan	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2079 Feb	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2079 Mar	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2079 Apr	228	0.0837	0.247	0.0062	44.4	0.0472	46.4	0.00181	0.000995	0.00000563	0.00429	0.00191	0.0465	0.012	0.00000574	18.2	0.0000148	0.000874	0.000174	0.00125	0.0225	0.00000527	2.93	4.55	0.0303	0.000846	21.7	0.00438	0.0119	0.0000952	0.00025	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2079 May	228	0.0838	0.247	0.00621	44.5	0.0472	46.5	0.00181	0.000996	0.00000564	0.00429	0.00191	0.0466	0.012	0.00000575	18.2	0.0000148	0.000874	0.000174	0.00126	0.0225	0.00000527	2.94	4.55	0.0303	0.000846	21.8	0.00438	0.0119	0.0000953	0.000252	0.00017	0.157	0.00000247	0.000377	0.000299	0.00119	0.000219
2079 Jun	228	0.0837	0.248	0.00624	44.2	0.0475	47.1	0.00183	0.000993	0.00000562	0.00431	0.00194	0.0473	0.0121	0.00000575	18.4	0.0000149	0.000895	0.000175	0.00126	0.0226	0.00000535	2.97	4.62	0.0308	0.00086	21.7	0.00444	0.012	0.0000962	0.000255	0.000172	0.158	0.00000247	0.000384	0.000303	0.00119	0.000217
2079 Jul	228	0.0839	0.249	0.00626	44.2	0.0478	47.6	0.00184	0.000993	0.00000563	0.00433	0.00196	0.0478	0.0121	0.00000576	18.5	0.000015	0.000906	0.000176	0.00127	0.0227	0.00000539	2.99	4.65	0.0311	0.000868	21.7	0.00448	0.012	0.0000967	0.000257	0.000174	0.159	0.00000248	0.000388	0.000305	0.0012	0.000216
2079 Aug	228	0.084	0.249	0.00627	44.2	0.0479	47.6	0.00184	0.000995	0.00000564	0.00433	0.00196	0.0479	0.0121	0.00000577	18.5	0.000015	0.000908	0.000177	0.00127	0.0228	0.0000054	2.99	4.66	0.0311	0.00087	21.7	0.00448	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.000389	0.000306	0.0012	0.000217
2079 Sep	228	0.084	0.249	0.00627	44.2	0.0478	47.6	0.00184	0.000994	0.00000563	0.00433	0.00196	0.0479	0.0121	0.00000577	18.5	0.000015	0.000907	0.000177	0.00127	0.0228	0.0000054	2.99	4.66	0.0311	0.000869	21.7	0.00448	0.0121	0.0000968	0.000258	0.000174	0.16	0.00000248	0.000389	0.000305	0.0012	0.000217
2079 Oct	228	0.0839	0.249	0.00627	44.2	0.0478	47.6	0.00184	0.000994	0.00000563	0.00433	0.00196	0.0479	0.0121	0.00000576	18.5	0.000015	0.000908	0.000177	0.00127	0.0228	0.0000054	2.99	4.66	0.0311	0.00087	21.7	0.00448	0.0121	0.0000968	0.000258	0.000174	0.16	0.00000248	0.000389	0.000305	0.0012	0.000217
2079 Nov	228	0.0839	0.249	0.00627	44.2	0.0479	47.7	0.00184	0.000994	0.00000563	0.00433	0.00196	0.048	0.0121	0.00000576	18.6	0.000015	0.000911	0.000177	0.00127	0.0228	0.0000054	3	4.67	0.0312	0.000872	21.7	0.00449	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.00039	0.000306	0.0012	0.000216
2079 Dec	228	0.084	0.25	0.00628	44.2	0.0479	47.8	0.00185	0.000993	0.00000563	0.00433	0.00197	0.0481	0.0121	0.00000576	18.6	0.0000151	0.000913	0.000177	0.00127	0.0228	0.0000054	3	4.68	0.0312	0.000873	21.7	0.0045	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.000391	0.000306	0.0012	0.000216
2080 Jan	228	0.084	0.25	0.00628	44.2	0.0479	47.8	0.00185	0.000993	0.00000563	0.00434	0.00197	0.0481	0.0121	0.00000576	18.6	0.0000151	0.000913	0.000177	0.00127	0.0228	0.0000054	3	4.68	0.0312	0.000873	21.7	0.0045	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.000391	0.000306	0.0012	0.000216
2080 Feb	228	0.084	0.25	0.00628	44.2	0.0479	47.8	0.00185	0.000993	0.00000563	0.00434	0.00197	0.0481	0.0121	0.00000576	18.6	0.0000151	0.000913	0.000177	0.00127	0.0228	0.0000054	3	4.68	0.0312	0.000873	21.7	0.0045	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.000391	0.000306	0.0012	0.000216
2080 Mar	228	0.084	0.25	0.00628	44.2	0.0479	47.8	0.00185	0.000993	0.00000563	0.00434	0.00197	0.0481	0.0121	0.00000576	18.6	0.0000151	0.000913	0.000177	0.00127	0.0228	0.0000054	3	4.68	0.0312	0.000873	21.7	0.0045	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.000391	0.000306	0.0012	0.000216
2080 Apr	228	0.084	0.25	0.00628	44.2	0.0479	47.8	0.00185	0.000993	0.00000563	0.00434	0.00197	0.0481	0.0121	0.00000576	18.6	0.0000151	0.000913	0.000177	0.00127	0.0228	0.0000054	3	4.68	0.0312	0.000873	21.7	0.0045	0.0121	0.0000969	0.000258	0.000174	0.16	0.00000248	0.000391	0.000306	0.0012	0.000216
2080 May	228	0.084	0.25	0.00628	44.2	0.048	47.8	0.00185	0.000994	0.00000564	0.00434	0.00197	0.0481	0.0122	0.00000577	18.6	0.0000151	0.000914	0.000177	0.00127	0.0228	0.0000054	3	4.68	0.0312	0.000874	21.7	0.0045	0.0121	0.00097	0.000259	0.000175	0.16	0.00000248	0.000391	0.000306	0.0012	0.000217
2080 Jun	228	0.084	0.251	0.0063	44.1	0.0482	48.3	0.00186	0.000993	0.00000563	0.00435	0.00199	0.0486	0.0122	0.00000577	18.7	0.0000152	0.000926	0.000178	0.00128	0.0229	0.0000054	3.02	4.72	0.0316	0.000883	21.6	0.00454	0.0122	0.0000976	0.000261	0.000176	0.161	0.00000249	0.000396	0.000309	0.0012	0.000215
2080 Jul	228	0.0842	0.251	0.00633	44	0.0485	48.7	0.00187	0.000993	0.00000563	0.00437	0.00201	0.0491	0.0122	0.00000578	18.8	0.0000153	0.000938	0.000179	0.00128	0.023	0.00000552	3.04	4.76	0.0319	0.000891	21.6	0.00458	0.0122	0.0000982	0.000263	0.000177	0.162	0.00000249	0.0004	0.000311	0.00121	0.000215
2080 Aug	228	0.0843	0.252	0.00634	44.1	0.0485	48.8	0.00187	0.000994	0.00000564	0.00438	0.00201	0.0492	0.0123	0.00000579	18.9	0.0000153	0.000939	0.000179	0.00129	0.023	0.00000553	3.05	4.77	0.0319	0.000892	21.7	0.00458	0.0122	0.0000983	0.000264	0.000178	0.162	0.00000249	0.0004	0.000311	0.00121	0.000215
2080 Sep	228	0.0842	0.252	0.00634	44.1	0.0485	48.8	0.00187	0.000994	0.00000564	0.00437	0.00201	0.0492	0.0123	0.00000579	18.9	0.0000153	0.000939	0.000179	0.00129	0.023	0.00000552	3.05	4.77	0.0319	0.000892	21.7	0.00458	0.0122	0.0000983	0.000263	0.000178	0.162	0.00000249	0.0004	0.000311	0.00121	0.000215
2080 Oct	228	0.0842	0.252	0.00634	44	0.0485	48.8	0.00187	0.000994	0.00000564	0.00438	0.00201	0.0493	0.0123	0.00000579	18.9	0.0000153	0.000942	0.000179	0.00129	0.023	0.00000553	3.05	4.78	0.0319	0.000894	21.6	0.00459	0.0122	0.0000983	0.000264	0.000178	0.163	0.00000249	0.000401	0.000312	0.00121	0.000215
2080 Nov	228	0.0842	0.252	0.00634	44	0.0486	48.9	0.00187	0.000994	0.00000564	0.00438	0.00202	0.0494	0.0123	0.00000579	18.9	0.0000153	0.000944	0.000179	0.00129	0.023	0.00000554	3.05	4.79	0.032	0.000896	21.6	0.0046	0.0122	0.0000984	0.000264	0.000178	0.163	0.00000249	0.000402	0.000312	0.00121	0.000215
2080 Dec	228	0.0842	0.252	0.00634	44	0.0486	48.9	0.00187	0.000994	0.00000564	0.00438	0.00202	0.0494	0.0123	0.00000579	18.9	0.0000153	0.000945	0.000179	0.00129	0.023	0.00000554	3.06	4.79	0.032	0.000896	21.6	0.0046	0.0122	0.0000984	0.000264	0.000178	0.163	0.00000249	0.000402	0.000312	0.00121	0.000215
2081 Jan	228	0.0842	0.252	0.00635	44	0.0486	48.9	0.00187	0.000994	0.00000564	0.00438	0.00202	0.0494	0.0123	0.00000579	18.9	0.0000153	0.000945	0.000179	0.00129	0.023	0.00000554	3.06	4.79	0.032	0.000896	21.6	0.0046	0.0122	0.0000984	0.000264	0.000178	0.163	0.00000249	0.000402	0.000312	0.00121	0.000215
2081 Feb	228	0.0842	0.252	0.00635	44	0.0486	48.9	0.00187	0.000994	0.00000564	0.00438	0.00202	0.0494	0.0123	0.00000579	18.9	0.0000153	0.000945	0.000179	0.00129	0.023	0.00000554	3.06	4.79	0.032	0.000896	21.6	0.0046	0.0122	0.0000984	0.000264	0.000178	0.163	0.00000249	0.000402	0.000312	0.00121	0.000215
2081 Mar	228	0.0842	0.252	0.00635	44	0.0486	48.9	0.00188	0.000994	0.00000564	0.00438	0.00202	0.0494	0.0123	0.00000579	18.9	0.0000153	0.000945	0.000179	0.00129	0.023	0.00000554	3.06	4.79	0.032	0.000896	21.6	0.0046	0.0122	0.0000984	0.000264	0.000178	0.163	0.00000249	0.000402	0.000312	0.00121	0.000215
2081 Apr	229	0.0843	0.252	0.00635	44	0.0486	49	0.00188	0.000994	0.00000564	0.00438	0.00202	0.0494	0.0123	0.00000579	18.9	0.0000153	0.000945	0.000179	0.00129	0.023	0.00000554	3.06	4.79	0.032	0.000896	21.6	0.0046	0.0122	0.0000984	0.000265	0.000178	0.163	0.00000249	0.000402	0.000312	0.00121	0.000215
2081 May	229	0.0843	0.252	0.00636	44	0.0487	49.1	0.00188	0.000994	0.00000564	0.00439	0.00203	0.0496	0.0123	0.00000579	19	0.0000154	0.000955	0.00018	0.00129	0.0231	0.00000556	3.06	4.8	0.0321	0.0009	21.6	0.00461	0.0123	0.0000988	0.000265	0.000179	0.163	0.00000248	0.000404	0.000313	0.00121	0.000

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	***-***	***-***	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	***-***	***-***	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	***-***
2085 May	231	0.0856	0.263	0.00668	43.2	0.0521	55	0.00203	0.000994	0.00000567	0.00461	0.0023	0.0563	0.013	0.00000591	20.7	0.0000167	0.00112	0.000193	0.00137	0.0244	0.00000621	3.35	5.37	0.0363	0.00102	21.4	0.00513	0.0132	0.0000107	0.000296	0.0001199	0.178	0.00000255	0.000464	0.000345	0.00126	0.000206
2085 Jun	231	0.0856	0.264	0.00671	43.1	0.0524	55.6	0.00204	0.000994	0.00000567	0.00463	0.00232	0.0569	0.0131	0.00000592	20.8	0.0000168	0.00113	0.000194	0.00138	0.0245	0.00000627	3.38	5.42	0.0367	0.00103	21.4	0.00518	0.0132	0.0000108	0.000299	0.0001201	0.179	0.00000256	0.000469	0.000348	0.00126	0.000206
2085 Jul	232	0.0858	0.264	0.00672	43.1	0.0526	55.7	0.00204	0.000996	0.00000568	0.00464	0.00233	0.057	0.0131	0.00000593	20.9	0.0000169	0.00113	0.000194	0.00138	0.0245	0.00000628	3.39	5.43	0.0368	0.00103	21.4	0.00519	0.0133	0.0000108	0.0003	0.0002001	0.179	0.00000256	0.00047	0.000348	0.00126	0.000206
2085 Aug	232	0.0858	0.265	0.00672	43.2	0.0526	55.7	0.00204	0.000996	0.00000569	0.00464	0.00233	0.0571	0.0131	0.00000594	20.9	0.0000169	0.00113	0.000194	0.00138	0.0246	0.00000629	3.39	5.43	0.0368	0.00103	21.5	0.00519	0.0133	0.0000108	0.0003	0.0002001	0.179	0.00000256	0.00047	0.000349	0.00126	0.000206
2085 Sep	232	0.0858	0.265	0.00672	43.1	0.0526	55.8	0.00204	0.000995	0.00000568	0.00464	0.00233	0.0571	0.0131	0.00000593	20.9	0.0000169	0.00114	0.000194	0.00138	0.0246	0.00000629	3.39	5.44	0.0368	0.00103	21.4	0.00519	0.0133	0.0000108	0.0003	0.0002001	0.179	0.00000256	0.00047	0.000349	0.00126	0.000206
2085 Oct	232	0.0858	0.265	0.00673	43.1	0.0527	56	0.00205	0.000995	0.00000568	0.00464	0.00234	0.0574	0.0131	0.00000593	21	0.0000169	0.00114	0.000195	0.00139	0.0246	0.00000632	3.4	5.46	0.037	0.00104	21.4	0.00522	0.0133	0.0000108	0.0003001	0.0002002	0.18	0.00000256	0.00047 3	0.00035	0.00126	0.000206
2085 Nov	232	0.0858	0.265	0.00674	43	0.0528	56.2	0.00206	0.000994	0.00000568	0.00465	0.00235	0.0576	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000633	3.41	5.48	0.0371	0.00104	21.4	0.00523	0.0133	0.0000108	0.0003002	0.0002003	0.18	0.00000256	0.00047 5	0.00035 1	0.00126	0.000205
2085 Dec	232	0.0858	0.265	0.00674	43	0.0528	56.2	0.00206	0.000994	0.00000568	0.00465	0.00235	0.0576	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000633	3.41	5.48	0.0371	0.00104	21.4	0.00523	0.0133	0.0000108	0.0003002	0.0002003	0.18	0.00000256	0.00047 5	0.00035 1	0.00126	0.000205
2086 Jan	232	0.0858	0.265	0.00674	43	0.0528	56.2	0.00206	0.000994	0.00000568	0.00465	0.00235	0.0576	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000633	3.41	5.48	0.0371	0.00104	21.4	0.00523	0.0133	0.0000108	0.0003002	0.0002003	0.18	0.00000256	0.00047 5	0.00035 1	0.00126	0.000205
2086 Feb	232	0.0858	0.265	0.00674	43	0.0528	56.2	0.00206	0.000994	0.00000568	0.00465	0.00235	0.0576	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000633	3.41	5.48	0.0371	0.00104	21.4	0.00523	0.0133	0.0000108	0.0003002	0.0002003	0.18	0.00000256	0.00047 5	0.00035 1	0.00126	0.000205
2086 Mar	232	0.0858	0.265	0.00674	43	0.0528	56.2	0.00206	0.000994	0.00000568	0.00465	0.00235	0.0576	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000633	3.41	5.48	0.0371	0.00104	21.4	0.00523	0.0133	0.0000108	0.0003002	0.0002003	0.18	0.00000256	0.00047 5	0.00035 1	0.00126	0.000205
2086 Apr	232	0.0858	0.265	0.00674	43	0.0528	56.2	0.00206	0.000994	0.00000568	0.00465	0.00235	0.0577	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000634	3.41	5.48	0.0371	0.00104	21.4	0.00523	0.0133	0.0000108	0.0003002	0.0002003	0.18	0.00000256	0.00047 5	0.00035 1	0.00127	0.000205
2086 May	232	0.0859	0.265	0.00675	43.1	0.0529	56.3	0.00206	0.000995	0.00000569	0.00465	0.00235	0.0577	0.0131	0.00000594	21	0.000017	0.00115	0.000195	0.00139	0.0246	0.00000634	3.41	5.48	0.0371	0.00104	21.4	0.00524	0.0133	0.0000108	0.0003003	0.0002003	0.181	0.00000256	0.00047 6	0.00035 1	0.00127	0.000206
2086 Jun	232	0.0858	0.266	0.00679	42.8	0.0534	57.3	0.00208	0.000992	0.00000568	0.00469	0.0024	0.0589	0.0132	0.00000595	21.3	0.0000172	0.00118	0.000197	0.0014	0.0248	0.00000645	3.46	5.58	0.0379	0.00106	21.3	0.00533	0.0135	0.00011	0.0003008	0.0002007	0.183	0.00000257	0.00048 6	0.00035 7	0.00127	0.000203
2086 Jul	233	0.086	0.267	0.00683	42.8	0.0538	57.9	0.0021	0.000994	0.00000569	0.00471	0.00242	0.0595	0.0133	0.00000597	21.5	0.0000173	0.00119	0.000199	0.00141	0.025	0.00000651	3.49	5.64	0.0383	0.00107	21.3	0.00538	0.0135	0.00011	0.0003011	0.0002008	0.184	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2086 Aug	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.4	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000204
2086 Sep	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2086 Oct	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.49	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.184	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2086 Nov	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2086 Dec	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2087 Jan	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2087 Feb	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000203
2087 Mar	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000204
2087 Apr	233	0.0861	0.268	0.00683	42.8	0.0538	57.9	0.0021	0.000995	0.00000569	0.00471	0.00243	0.0596	0.0133	0.00000597	21.5	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000652	3.5	5.64	0.0383	0.00108	21.3	0.00538	0.0136	0.00011	0.0003011	0.0002009	0.185	0.00000258	0.00049 2	0.00036	0.00128	0.000204
2087 May	233	0.0862	0.268	0.00684	42.8	0.0539	58	0.0021	0.000995	0.0000057	0.00472	0.00243	0.0597	0.0133	0.00000598	21.6	0.0000174	0.0012	0.000199	0.00141	0.025	0.00000654	3.5	5.65	0.0384	0.00108	21.3	0.00539	0.0136	0.00011	0.0003012	0.0002009	0.185	0.00000258	0.00049 4	0.00036 1	0.00128	0.000203
2087 Jun	233	0.0862	0.269	0.00687	42.6	0.0543	58.9	0.00212	0.000994	0.00000569	0.00474	0.00247	0.0607	0.0134	0.00000599	21.8	0.0000176	0.00122	0.000201	0.00142	0.0252	0.00000662	3.54	5.73	0.039	0.00109	21.3	0.00546	0.0137	0.00011 2	0.0003016	0.0002012	0.187	0.00000258	0.00050 2	0.00036 5	0.00129	0.000202
2087 Jul	233	0.0863	0.269	0.00689	42.7	0.0544	59	0.00212	0.000995	0.0000057	0.00475	0.00247	0.0608	0.0135	0.000006	21.8	0.0000176	0.00123	0.000201	0.00143	0.0252	0.00000664	3.55	5.74	0.0391	0.0011	21.3	0.00547	0.0137	0.00011 2	0.0003017	0.0002012	0.187	0.00000259	0.00050 3	0.00036 6	0.00129	0.000202
2087 Aug	234	0.0865	0.27	0.0069	42.7	0.0545	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000176	0.00123	0.000202	0.00143	0.0253	0.00000665	3.55	5.75	0.0391	0.0011	21.4	0.00548	0.0137	0.00011 3	0.0003017	0.0002013	0.187	0.00000259	0.00050 4	0.00036 6	0.00129	0.000203
2087 Sep	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000998	0.00000572	0.00477	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000177	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.0000026	0.00050 4	0.00036 7	0.00129	0.000203
2087 Oct	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000177	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.0000026	0.00050 4	0.00036 7	0.00129	0.000203
2087 Nov	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000176	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.00000259	0.00050 4	0.00036 7	0.00129	0.000203
2087 Dec	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000176	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.00000259	0.00050 4	0.00036 7	0.00129	0.000203
2088 Jan	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000176	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.00000259	0.00050 4	0.00036 7	0.00129	0.000203
2088 Feb	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000176	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.0000026	0.00050 4	0.00036 7	0.00129	0.000203
2088 Mar	234	0.0865	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000997	0.00000571	0.00476	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000176	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0137	0.00011 3	0.0003018	0.0002013	0.188	0.00000259	0.00050 4	0.00036 7	0.00129	0.000203
2088 Apr	234	0.0866	0.27	0.0069	42.8	0.0546	59.1	0.00213	0.000998	0.00000572	0.00477	0.00248	0.0609	0.0135	0.00000601	21.9	0.0000177	0.00123	0.000202	0.00143	0.0253	0.00000665	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0138	0.00011 3	0.0003018	0.0002013	0.188	0.0000026	0.00050 4	0.00036 7	0.00129	0.000203
2088 May	234	0.0866	0.27	0.00691	42.8	0.0546	59.2	0.00213	0.000999	0.00000572	0.00477	0.00248	0.061	0.0135	0.00000602	21.9	0.0000177	0.00123	0.000202	0.00143	0.0253	0.00000666	3.56	5.76	0.0392	0.0011	21.4	0.00549	0.0138	0.00011 3	0.0003018	0.0002013	0.188	0.0000026	0.00050 5	0.00036 7	0.00129	0.000203
2088 Jun	234	0.0865	0.27	0.00691	42.8	0.0546	59.2	0.00213	0.000998	0.00000572	0.00477	0.00248	0.061	0.0135	0.00000601	21.9	0.0000177	0.00123	0.000202	0.00143	0.0253	0.00000667	3.56	5.77	0.0392	0.0011	21.4	0.0055	0.0138	0.00011 3	0.0003018	0.0002013	0.188	0.0000026	0.00050 5	0.00036 7	0.00129	0.000203
2088 Jul	234	0.0867	0.27	0.00692	42.8	0.0548	59.4	0.00214	0.001	0.00000573	0.00478	0.00249	0.0612	0.0135	0.00000603	22	0.0000177	0.00123	0.000202	0.00143	0.0254	0.00000669	3.57	5.78	0.0394	0.0011	21.4	0.00551	0.0138	0.00011 3	0.0003019	0.0002014	0.188	0.0000026	0.00050 5	0.00036 8	0.0013	0.000203
2088 Aug	235	0.087	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.0048	0.0025	0.0614	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.8	0.0395	0.00111	21.5	0.00553	0.0139	0.00011 4	0.00032	0.0002014	0.189	0.00000261	0.00050 8	0.00036 9	0.0013	0.000204
2088 Sep	235	0.087	0.271	0.00695	43	0.055	59.6	0.00214	0.001	0.00000575	0.0048	0.0025	0.0614	0.0136	0.00000605	22.1	0.0000178	0.00124	0.000203	0.00144	0.0255	0.00000671	3.58	5.8	0.0395	0.00111	21.5	0.00553	0.0139	0.00011 4	0.00032	0.0002014	0.189	0.00000261	0.00050 8	0.00037	0.0013	0.000204
2088 Oct	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.79	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 7	0.00036 9	0.0013	0.000203
2088 Nov	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.79	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 7	0.00036 9	0.0013	0.000203
2088 Dec	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.79	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 7	0.00036 9	0.0013	0.000203
2089 Jan	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.79	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 7	0.00036 9	0.0013	0.000203
2089 Feb	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.79	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 7	0.00036 9	0.0013	0.000203
2089 Mar	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.79	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 8	0.00036 9	0.0013	0.000203
2089 Apr	235	0.0869	0.271	0.00694	42.9	0.0549	59.5	0.00214	0.001	0.00000574	0.00479	0.0025	0.0613	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.0000067	3.58	5.8	0.0394	0.00111	21.4	0.00552	0.0138	0.00011 3	0.00032	0.0002014	0.189	0.00000261	0.00050 8	0.00036 9	0.0013	0.000204
2089 May	235	0.0869	0.271	0.00694	42.9	0.0549	59.6	0.00214	0.001	0.00000574	0.0048	0.0025	0.0614	0.0136	0.00000604	22	0.0000178	0.00124	0.000203	0.00144	0.0255	0.00000671	3.58	5.8	0.0395	0.00111	21.4	0.00553	0.0139	0.00011 4	0.00032	0.0002014	0.189	0.00000261	0.00050 8	0.00037	0.0013	0.000203
2089 Jun	235	0.0869	0.271	0.00695	42.8	0.0551	59.9	0.00215	0.001	0.00000574	0.00481	0.00251	0.0617	0.0136	0.00000605	22.1	0.0000179	0.00125	0.000204	0.00144	0.0256	0.00000675	3.6	5.83	0.0397	0.00111	21.4	0.00555	0.0139	0.00011 4	0.000322	0.0002015	0.19	0.00000261	0.00051 2	0.00037 2	0.0013	0.000203
2089 Jul	235	0.0871	0.272	0.00697	42.9	0.0552	60	0.00215	0.001	0.00000575	0.00482	0.00252	0.0619	0.0137	0.00000606	22.2	0.0000179	0.00125	0.000204	0.00144	0.0256	0.00000676	3.6	5.84	0.0398	0.00112	21.4	0.00556	0.014	0.00011 5	0.000322	0.0002016	0.19	0.00000262	0.00051 2	0.00037 2	0.0013	0.000203
2089 Aug	235	0.0872	0.272	0.00698	43	0.0553	60.1	0.00216	0.00101	0.00000576	0.00483	0.00252	0.062	0.0137	0.00000607	22.2	0.0000179	0.00125	0.000205	0.00145	0.0257	0.00000677	3.61	5.85	0.0399	0.00112	21.5	0.00557	0.014	0.00011 5	0.000323	0.0002016	0.19	0.00000262	0.00051 3	0.00037 3	0.00131	0.000203
2089 Sep	236	0.0873

Appendix D.3-3: WES Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	225	0.074	0.113	0.00375	40.7	0.0305	18.7	0.00102	0.000954	0.00000548	0.00296	0.000514	0.0154	0.00793	0.00000496	9.79	0.00000771	0.0000776	0.000111	0.00087	0.0141	0.00000184	1.56	1.88	0.00891	0.000277	20.7	0.00212	0.00583	0.0000459	0.000107	0.0000713	0.098	0.00000201	0.0000577	0.000135	0.000902	0.000192
Post Closure (2044-2099): Mean	236	0.081	0.21	0.00561	46.4	0.0439	40.8	0.00165	0.000993	0.00000565	0.00403	0.00161	0.0402	0.0112	0.00000562	16.5	0.0000133	0.000708	0.000162	0.00118	0.0208	0.00000455	2.66	4.01	0.0258	0.000729	22.1	0.00393	0.0106	0.0000847	0.000222	0.00015	0.146	0.00000239	0.00031	0.000265	0.00113	0.000256
Post Closure (2044-2099): Max	265	0.0895	0.287	0.00775	55.2	0.0652	77.2	0.00258	0.00101	0.00000589	0.00544	0.00329	0.0813	0.0157	0.00000642	27.2	0.0000217	0.00173	0.000242	0.00168	0.0293	0.00000858	4.45	7.48	0.0518	0.00146	24.8	0.00707	0.0163	0.000138	0.000412	0.000274	0.233	0.00000278	0.00068	0.000462	0.00144	0.000383
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2093 Sep	240	0.0881	0.28	0.00736	41.6	0.0602	68.7	0.00237	0.001	0.00000579	0.00512	0.00291	0.0717	0.0146	0.00000622	24.7	0.0000198	0.00149	0.000223	0.00156	0.0274	0.00000768	4.03	6.66	0.0458	0.00129	21	0.00632	0.0151	0.000126	0.000367	0.000245	0.211	0.00000269	0.000598	0.000417	0.00137	0.000196
2093 Oct	239	0.0879	0.28	0.00736	41.6	0.0602	68.7	0.00237	0.000999	0.00000578	0.00512	0.00291	0.0717	0.0146	0.00000621	24.7	0.0000198	0.00149	0.000223	0.00156	0.0274	0.00000768	4.03	6.67	0.0458	0.00129	21	0.00633	0.0151	0.000126	0.000367	0.000245	0.211	0.00000268	0.000598	0.000417	0.00137	0.000196
2093 Nov	240	0.0879	0.28	0.00736	41.5	0.0602	68.9	0.00237	0.000999	0.00000578	0.00512	0.00292	0.0719	0.0146	0.00000621	24.7	0.0000198	0.0015	0.000223	0.00156	0.0274	0.0000077	4.03	6.68	0.046	0.00129	21	0.00634	0.0151	0.000126	0.000368	0.000246	0.212	0.00000268	0.0006	0.000418	0.00137	0.000195
2093 Dec	240	0.0879	0.28	0.00736	41.5	0.0603	68.9	0.00237	0.000999	0.00000578	0.00512	0.00292	0.0719	0.0146	0.00000621	24.7	0.0000198	0.0015	0.000223	0.00156	0.0274	0.0000077	4.04	6.68	0.046	0.00129	21	0.00634	0.0151	0.000126	0.000368	0.000246	0.212	0.00000269	0.0006	0.000418	0.00137	0.000195
2094 Jan	240	0.0879	0.28	0.00736	41.5	0.0603	68.9	0.00237	0.000999	0.00000578	0.00512	0.00292	0.0719	0.0146	0.00000621	24.8	0.0000198	0.0015	0.000223	0.00156	0.0274	0.0000077	4.04	6.68	0.046	0.00129	21	0.00634	0.0151	0.000126	0.000368	0.000246	0.212	0.00000269	0.0006	0.000418	0.00137	0.000195
2094 Feb	240	0.0879	0.28	0.00736	41.5	0.0603	68.9	0.00237	0.000999	0.00000578	0.00512	0.00292	0.0719	0.0146	0.00000621	24.8	0.0000198	0.0015	0.000223	0.00156	0.0274	0.0000077	4.04	6.68	0.046	0.00129	21	0.00634	0.0151	0.000126	0.000368	0.000246	0.212	0.00000269	0.0006	0.000418	0.00137	0.000195
2094 Mar	240	0.0879	0.28	0.00736	41.5	0.0603	68.9	0.00237	0.000999	0.00000578	0.00512	0.00292	0.0719	0.0146	0.00000621	24.8	0.0000198	0.0015	0.000223	0.00156	0.0274	0.0000077	4.04	6.68	0.046	0.00129	21	0.00634	0.0151	0.000126	0.000368	0.000246	0.212	0.00000269	0.0006	0.000418	0.00137	0.000196
2094 Apr	240	0.088	0.28	0.00736	41.5	0.0603	68.9	0.00237	0.000999	0.00000578	0.00512	0.00292	0.072	0.0146	0.00000621	24.8	0.0000198	0.0015	0.000223	0.00156	0.0274	0.0000077	4.04	6.69	0.046	0.00129	21	0.00634	0.0151	0.000126	0.000368	0.000246	0.212	0.00000269	0.0006	0.000418	0.00137	0.000196
2094 May	240	0.088	0.28	0.00737	41.5	0.0604	69.1	0.00238	0.000999	0.00000579	0.00513	0.00293	0.0722	0.0147	0.00000622	24.8	0.0000199	0.00151	0.000224	0.00157	0.0275	0.00000773	4.05	6.71	0.0461	0.0013	21	0.00636	0.0152	0.000127	0.00037	0.000247	0.212	0.00000269	0.000602	0.000419	0.00137	0.000195
2094 Jun	240	0.088	0.281	0.00741	41.3	0.0609	69.9	0.0024	0.000999	0.00000579	0.00516	0.00297	0.0731	0.0148	0.00000623	25.1	0.0000201	0.00153	0.000225	0.00158	0.0277	0.00000781	4.09	6.79	0.0467	0.00131	20.9	0.00644	0.0153	0.000128	0.000374	0.000249	0.214	0.00000269	0.00061	0.000424	0.00138	0.000195
2094 Jul	241	0.0883	0.282	0.00743	41.5	0.061	70.1	0.0024	0.001	0.00000581	0.00517	0.00298	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00153	0.000226	0.00158	0.0277	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00645	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000612	0.000425	0.00138	0.000195
2094 Aug	242	0.0885	0.282	0.00745	41.6	0.0612	70.3	0.00241	0.001	0.00000582	0.00519	0.00298	0.0736	0.0148	0.00000627	25.2	0.0000202	0.00154	0.000227	0.00159	0.0278	0.00000786	4.11	6.82	0.047	0.00132	21.1	0.00647	0.0154	0.000129	0.000376	0.000251	0.215	0.00000271	0.000614	0.000426	0.00138	0.000196
2094 Sep	242	0.0885	0.282	0.00745	41.6	0.0612	70.3	0.00241	0.001	0.00000582	0.00519	0.00298	0.0736	0.0148	0.00000627	25.2	0.0000202	0.00154	0.000227	0.00159	0.0278	0.00000786	4.11	6.83	0.047	0.00132	21.1	0.00647	0.0154	0.000129	0.000376	0.000251	0.215	0.00000271	0.000614	0.000426	0.00138	0.000196
2094 Oct	241	0.0884	0.282	0.00744	41.5	0.0611	70.3	0.00241	0.001	0.00000582	0.00518	0.00298	0.0735	0.0148	0.00000626	25.2	0.0000202	0.00154	0.000227	0.00159	0.0278	0.00000785	4.11	6.82	0.0469	0.00132	21	0.00647	0.0153	0.000128	0.000376	0.00025	0.215	0.00000271	0.000613	0.000426	0.00138	0.000196
2094 Nov	241	0.0883	0.282	0.00743	41.5	0.0611	70.2	0.0024	0.001	0.00000581	0.00518	0.00298	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00153	0.000226	0.00158	0.0278	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000613	0.000425	0.00138	0.000195
2094 Dec	241	0.0883	0.282	0.00743	41.5	0.0611	70.2	0.0024	0.001	0.00000581	0.00518	0.00298	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00153	0.000226	0.00158	0.0278	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000612	0.000425	0.00138	0.000195
2095 Jan	241	0.0883	0.282	0.00743	41.5	0.0611	70.2	0.0024	0.001	0.00000581	0.00518	0.00298	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00153	0.000226	0.00158	0.0278	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000612	0.000425	0.00138	0.000195
2095 Feb	241	0.0883	0.282	0.00743	41.5	0.0611	70.2	0.0024	0.001	0.00000581	0.00518	0.00298	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00153	0.000226	0.00158	0.0278	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000612	0.000425	0.00138	0.000195
2095 Mar	241	0.0883	0.282	0.00743	41.5	0.0611	70.2	0.0024	0.001	0.00000581	0.00518	0.00298	0.0734	0.0148	0.00000625	25.1	0.0000201	0.00153	0.000226	0.00158	0.0278	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000613	0.000425	0.00138	0.000195
2095 Apr	241	0.0884	0.282	0.00743	41.5	0.0611	70.2	0.0024	0.001	0.00000581	0.00518	0.00298	0.0734	0.0148	0.00000625	25.2	0.0000201	0.00153	0.000226	0.00158	0.0278	0.00000784	4.1	6.81	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000375	0.00025	0.215	0.0000027	0.000613	0.000425	0.00138	0.000195
2095 May	241	0.0884	0.282	0.00744	41.5	0.0611	70.2	0.00241	0.001	0.00000581	0.00518	0.00298	0.0735	0.0148	0.00000625	25.2	0.0000202	0.00154	0.000226	0.00158	0.0278	0.00000785	4.11	6.82	0.0469	0.00132	21	0.00646	0.0153	0.000128	0.000376	0.00025	0.215	0.0000027	0.000613	0.000426	0.00138	0.000195
2095 Jun	241	0.0884	0.282	0.00745	41.5	0.0613	70.6	0.00241	0.001	0.00000582	0.00519	0.00299	0.0738	0.0149	0.00000626	25.3	0.0000202	0.00154	0.000227	0.00159	0.0279	0.00000789	4.12	6.85	0.0472	0.00133	21	0.00649	0.0154	0.000129	0.000377	0.000252	0.216	0.00000271	0.000616	0.000428	0.00138	0.000195
2095 Jul	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.0741	0.0149	0.00000628	25.3	0.0000203	0.00155	0.000228	0.00159	0.0279	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2095 Aug	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.0741	0.0149	0.00000628	25.4	0.0000203	0.00155	0.000228	0.00159	0.028	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2095 Sep	242	0.0887	0.283	0.00748	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.0741	0.0149	0.00000628	25.4	0.0000203	0.00155	0.000228	0.00159	0.028	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2095 Oct	242	0.0887	0.283	0.00748	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.0741	0.0149	0.00000628	25.4	0.0000203	0.00155	0.000228	0.00159	0.028	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2095 Nov	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.074	0.0149	0.00000628	25.3	0.0000203	0.00155	0.000228	0.00159	0.0279	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2095 Dec	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.074	0.0149	0.00000628	25.3	0.0000203	0.00155	0.000228	0.00159	0.0279	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2096 Jan	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.074	0.0149	0.00000628	25.3	0.0000203	0.00155	0.000228	0.00159	0.0279	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2096 Feb	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.074	0.0149	0.00000628	25.3	0.0000203	0.00155	0.000228	0.00159	0.0279	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2096 Mar	242	0.0887	0.283	0.00747	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.074	0.0149	0.00000628	25.3	0.0000203	0.00155	0.000228	0.00159	0.0279	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2096 Apr	242	0.0887	0.283	0.00748	41.6	0.0615	70.8	0.00242	0.00101	0.00000583	0.00521	0.003	0.0741	0.0149	0.00000628	25.4	0.0000203	0.00155	0.000228	0.00159	0.028	0.00000791	4.13	6.87	0.0473	0.00133	21.1	0.00651	0.0154	0.000129	0.000378	0.000252	0.217	0.00000272	0.000618	0.000429	0.00139	0.000196
2096 May	242	0.0888	0.283	0.00748	41.6	0.0615	70.8	0.00242	0.00101	0.00000584	0.00521	0.00301	0.0741	0.0149	0.00000629	25.4	0.0000203	0.00155	0.000228	0.00159	0.028	0.00000791	4.14	6.87	0.0473	0.00133	21.1	0.00652	0.0154	0.000129	0.000379	0.000252	0.217	0.00000272	0.000619	0.000429	0.00139	0.000196
2096 Jun	242	0.0886	0.283	0.00752	41.3	0.0622	72	0.00245	0.001	0.00000582	0.00525	0.00306	0.0755	0.015	0.00000629	25.7	0.0000206	0.00159	0.00023	0.00161	0.0282	0.00000804	4.19	6.99	0.0482	0.00136	20.9	0.00662	0.0156	0.000131	0.000385	0.000257	0.22	0.00000272	0.000631	0.000435	0.0014	0.000194
2096 Jul	243	0.0887	0.284	0.00755	41.3	0.0625	72.6	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.0000081	4.22	7.04	0.0486	0.00137	20.9	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000438	0.0014	0.000194
2096 Aug	244	0.089	0.284	0.00757	41.4	0.0627	72.8	0.00247	0.00101	0.00000585	0.00528	0.00309	0.0764	0.0151	0.00000632	25.9	0.0000208	0.0016	0.000232	0.00162	0.0284	0.00000812	4.23	7.06	0.0487	0.00137	21	0.00669	0.0157	0.000132	0.000389	0.000259	0.222	0.00000274	0.000638	0.000439	0.0014	0.000195
2096 Sep	243	0.0889	0.284	0.00756	41.3	0.0627	72.8	0.00247	0.00101	0.00000585	0.00528	0.00309	0.0763	0.0151	0.00000632	25.9	0.0000207	0.0016	0.000232	0.00162	0.0284	0.00000812	4.23	7.06	0.0487	0.00137	21	0.00669	0.0157	0.000132	0.000389	0.000259	0.222	0.00000273	0.000638	0.000439	0.0014	0.000195
2096 Oct	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	21	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000195
2096 Nov	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	20.9	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000194
2096 Dec	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	20.9	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000195
2097 Jan	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	20.9	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000195
2097 Feb	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	20.9	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000195
2097 Mar	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00527	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	20.9	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000195
2097 Apr	243	0.0888	0.284	0.00755	41.3	0.0626	72.7	0.00247	0.001	0.00000584	0.00528	0.00309	0.0762	0.0151	0.00000631	25.9	0.0000207	0.0016	0.000232	0.00162	0.0283	0.00000811	4.23	7.05	0.0486	0.00137	21	0.00668	0.0157	0.000132	0.000388	0.000259	0.221	0.00000273	0.000637	0.000439	0.0014	0.000195
2097 May	243	0.0889	0.284	0.00756	41.3	0.0626	72.7	0.00247	0.00101	0.00000584	0.00528	0.00309	0.0763	0.0151	0.00000632	25.9	0.0000207	0.0016	0.000232	0.00162	0.0284	0.00000812	4.23	7.05	0.0487	0.00137	21	0.00669	0.0157	0.000132	0.000389	0.000259	0.221	0.00000273	0.000638	0.000439	0.0014	0.000195
2097 Jun	243	0.0889	0.284	0.00758	41.2	0.0629	73.3	0.00248	0.00101	0.00000584	0.0053	0.00311	0.0769	0.0152	0.00000633	26.1	0.0000208	0.00162	0.000233	0.00163	0.0285	0.00000817	4.26	7.1	0.049	0.00138	20.9	0.00673	0.0158	0.000133	0.000391	0.000261	0.223	0.00000274	0.000643	0.000442	0.00141	0.000194
2097 Jul	244	0.0891	0.285	0.0076	41.3	0.0631	73.5	0.00249	0.00101	0.00000586	0.00531	0.00313	0.0771	0.0152	0.00000634	26.2	0.0000209	0.00162	0.000234	0.00163	0.0286	0.0000082	4.27	7.13	0.0492	0.00138	21	0.00675	0.0158	0.000133	0.000393	0.000262	0.223	0.00000274	0.000645	0.000443	0.00141	0.000195
2097 Aug	245	0.0892	0.286	0.00761	41.4	0.0632	73.6	0.00249	0.00101	0.00000587	0.00532	0.00313	0.0773	0.0153	0.00000635	26.2	0.0000209	0.00163	0.000234	0.00164	0.0286	0.00000821	4.28	7.14	0.0493	0.00139	21	0.00676	0.0158	0.000133	0.000393	0.000262	0.224	0.00000275	0.000646	0.000444	0.00141	0.000195
2097 Sep	245	0.0893	0.286	0.00762	41.4	0.0633	73.7	0.0025	0.00101	0.00000587	0.00532	0.00313	0.0773	0.0153	0.00000636	26.2	0.000021	0.00163	0.000235	0.00164	0.0286	0.00000822	4.28	7.14	0.0493	0.00139	21	0.00677	0.0159	0.000133	0.000393	0.000262	0.224	0.00000275	0.000646	0.000444	0.00141	0.000195
2097 Oct	245	0.0893	0.286	0.00761	41.4	0.0632	73.7	0.00249	0.00101	0.00000587	0.00532	0.00313	0.0773	0.0153	0.00000636	26.2	0.000021	0.00163	0.000234	0.00164	0.0286	0.00000822	4.28	7.14	0.0493	0.00139	21	0.00677	0.0159	0.000133	0.000393	0.000262	0.224	0.00000275	0.000646	0.000444	0.00141	0.000195
2097 Nov	245	0.0893	0.286	0.00761	41.4	0.0632	73.6	0.00249	0.00101	0.00000587	0.00532	0.00313	0.0773	0.0153	0.00000635	26.2	0.0000209	0.00163	0.000234	0.00164	0.0286	0.00000821	4.28	7.14	0.0493	0.00139	21	0.00676	0.0158	0.000133	0.000393	0.000262	0.224	0.00000275	0.000646	0.000444	0.00141	0.000195
2097 Dec	244	0.0892	0.286	0.00761	41.4	0.0632	73.6	0.00249	0.00101	0.00000587	0.00532	0.00313	0.0773	0.0153	0.00000635	26.2	0.0000209	0.00163	0.000234	0.00164	0.0286	0.00000821	4.28	7.14	0.0493	0.00139	21	0.00676	0.0158	0.000133	0.000393	0.000262	0.224	0.00000275	0.000646	0.000444	0.00141	0.000195
2098 Jan	244	0.0892	0.286	0.00761	41.4	0.0632	73.6	0.00249	0.00101	0.00000587	0.00532	0.00313	0.0773	0.0153	0.00000635	26.2	0.0000209	0.00163	0.000234	0.00164	0.0286	0.00000821	4.28	7.14	0.0493	0.00139	21	0.00676	0.0158	0.000133	0.000393	0.000262	0.224	0.00000275	0.000646	0.000444	0.00141	0.000195
2098 Feb	244	0.0892	0.286	0.00761	41.4	0.0632	73.6	0.00249	0.00101	0.00000587	0.00532	0.00313	0.0773

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.00000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.000957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
Note: Calculation of mean excludes zero values; Values higher than applicable water quality guidelines are shaded.																																					
Model Predictions (2044-2099)																																					
2044 Jan	487	0.213	0.751	0.0136	95.5	0.0512	64.2	0.000928	0.000928	0.00000485	0.0046	0.00152	0.0506	0.0118	0.00000514	19.3	0.0000173	0.000232	0.000199	0.00134	0.0271	0.0000065	1.99	6.55	0.0368	0.000884	51.8	0.00538	0.0179	0.000122	0.000277	0.000147	0.151	0.00000509	0.000195	0.000394	0.00134	0.0000391
2044 Feb	487	0.213	0.751	0.0136	95.5	0.0512	64.2	0.000928	0.000928	0.00000485	0.0046	0.00152	0.0506	0.0118	0.00000514	19.3	0.0000173	0.000232	0.000199	0.00134	0.0271	0.0000065	1.99	6.55	0.0368	0.000884	51.8	0.00538	0.0179	0.000122	0.000277	0.000147	0.151	0.00000509	0.000195	0.000394	0.00134	0.0000391
2044 Mar	487	0.213	0.751	0.0136	95.5	0.0513	64.2	0.000928	0.000928	0.00000485	0.0046	0.00152	0.0506	0.0118	0.00000515	19.3	0.0000173	0.000232	0.000199	0.00134	0.0271	0.0000065	1.99	6.55	0.0368	0.000884	51.8	0.00538	0.0179	0.000122	0.000277	0.000147	0.151	0.00000509	0.000195	0.000394	0.00134	0.0000391
2044 Apr	487	0.213	0.751	0.0136	95.6	0.0513	64.2	0.000928	0.000928	0.00000485	0.0046	0.00152	0.0506	0.0118	0.00000515	19.3	0.0000173	0.000232	0.000199	0.00134	0.0271	0.0000065	1.99	6.55	0.0368	0.000884	51.8	0.00538	0.0179	0.000122	0.000277	0.000147	0.151	0.00000509	0.000195	0.000395	0.00134	0.0000391
2044 May	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.000929	0.000929	0.00000485	0.0046	0.00152	0.0507	0.0119	0.00000515	19.3	0.0000173	0.000232	0.000199	0.00134	0.0271	0.0000065	1.99	6.56	0.0369	0.000885	51.8	0.00538	0.0179	0.000122	0.000277	0.000147	0.151	0.00000509	0.000195	0.000395	0.00134	0.0000391
2044 Jun	463	0.201	0.703	0.0128	90.2	0.0496	61	0.000927	0.000927	0.00000482	0.00471	0.00148	0.0482	0.0121	0.00000511	19	0.0000174	0.000231	0.000199	0.00131	0.0286	0.0000066	1.93	6.29	0.0365	0.000843	48.7	0.00514	0.0194	0.000129	0.000271	0.000142	0.146	0.00000487	0.000187	0.000403	0.00136	0.0000364
2044 Jul	456	0.197	0.687	0.0125	88.5	0.0491	60.2	0.000927	0.000927	0.00000482	0.00476	0.00147	0.0475	0.0122	0.0000051	19	0.0000174	0.000231	0.0002	0.0013	0.0291	0.0000673	1.91	6.23	0.0364	0.000832	47.8	0.00507	0.0199	0.000131	0.00027	0.00014	0.144	0.00000479	0.000185	0.000407	0.00137	0.0000355
2044 Aug	458	0.198	0.69	0.0126	88.9	0.0493	60.7	0.00093	0.00093	0.00000484	0.00477	0.00148	0.0478	0.0123	0.00000512	19.1	0.0000175	0.000233	0.000201	0.0013	0.0292	0.0000677	1.92	6.28	0.0366	0.000837	48	0.00511	0.02	0.000132	0.000272	0.000141	0.145	0.0000048	0.000186	0.000409	0.00138	0.0000355
2044 Sep	460	0.199	0.693	0.0126	89.4	0.0496	61.4	0.000929	0.000929	0.00000483	0.00478	0.00148	0.0483	0.0123	0.00000512	19.2	0.0000176	0.000234	0.000201	0.00131	0.0292	0.0000681	1.93	6.36	0.0368	0.000844	48.3	0.00516	0.02	0.000131	0.000274	0.000142	0.145	0.0000048	0.000188	0.000411	0.00138	0.0000355
2044 Oct	461	0.199	0.695	0.0126	89.7	0.0498	61.9	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0488	0.0123	0.00000511	19.3	0.0000177	0.000234	0.000202	0.00132	0.0292	0.0000684	1.93	6.42	0.0369	0.000849	48.6	0.0052	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.000189	0.000412	0.00138	0.0000354
2044 Nov	462	0.199	0.695	0.0126	89.8	0.0499	62	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.3	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000685	1.93	6.44	0.037	0.000851	48.6	0.00521	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.00019	0.000413	0.00138	0.0000354
2044 Dec	462	0.199	0.696	0.0126	89.9	0.0499	62.1	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000685	1.93	6.44	0.037	0.000851	48.6	0.00522	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.00019	0.000413	0.00138	0.0000354
2045 Jan	462	0.199	0.696	0.0126	89.9	0.0499	62.1	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000685	1.93	6.44	0.037	0.000851	48.6	0.00522	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.00019	0.000413	0.00138	0.0000354
2045 Feb	462	0.199	0.696	0.0126	89.9	0.0499	62.1	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000685	1.93	6.44	0.037	0.000851	48.6	0.00522	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.00019	0.000413	0.00138	0.0000354
2045 Mar	462	0.199	0.696	0.0126	89.9	0.0499	62.1	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000685	1.93	6.44	0.037	0.000851	48.6	0.00522	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.00019	0.000413	0.00138	0.0000354
2045 Apr	462	0.199	0.696	0.0126	89.9	0.0499	62.1	0.000928	0.000928	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000685	1.93	6.44	0.037	0.000851	48.7	0.00522	0.02	0.000131	0.000276	0.000143	0.146	0.00000479	0.00019	0.000413	0.00138	0.0000354
2045 May	462	0.199	0.696	0.0126	89.9	0.05	62.1	0.000929	0.000929	0.00000483	0.00479	0.00148	0.0489	0.0123	0.00000512	19.4	0.0000177	0.000235	0.000202	0.00132	0.0292	0.0000686	1.93	6.45	0.037	0.000852	48.7	0.00522	0.02	0.000131	0.000277	0.000143	0.146	0.0000048	0.00019	0.000413	0.00138	0.0000355
2045 Jun	453	0.194	0.676	0.0123	88.1	0.0499	62.5	0.000928	0.000928	0.00000482	0.00489	0.00147	0.0491	0.0124	0.00000511	19.6	0.000018	0.000237	0.000204	0.00132	0.0299	0.0000707	1.91	6.54	0.0372	0.000849	47.8	0.00525	0.0208	0.000134	0.000281	0.000144	0.144	0.00000466	0.00019	0.000423	0.00141	0.0000338
2045 Jul	446	0.19	0.66	0.012	86.5	0.0495	61.9	0.000929	0.000929	0.00000482	0.00495	0.00146	0.0486	0.0125	0.00000511	19.6	0.0000182	0.000238	0.000204	0.00131	0.0304	0.00000717	1.89	6.5	0.0371	0.00084	46.9	0.0052	0.0214	0.000135	0.000281	0.000143	0.143	0.00000458	0.000188	0.000427	0.00142	0.0000329
2045 Aug	448	0.19	0.663	0.0121	86.9	0.0497	62.3	0.000931	0.000931	0.00000483	0.00496	0.00146	0.0489	0.0125	0.00000512	19.7	0.0000182	0.000239	0.000205	0.00132	0.0305	0.0000072	1.9	6.55	0.0372	0.000845	47.1	0.00523	0.0214	0.000135	0.000282	0.000143	0.143	0.00000459	0.00019	0.000429	0.00142	0.0000329
2045 Sep	450	0.191	0.664	0.0121	87.2	0.05	62.8	0.000931	0.00093	0.00000483	0.00497	0.00146	0.0493	0.0125	0.00000512	19.8	0.0000183	0.000239	0.000205	0.00132	0.0305	0.0000723	1.9	6.61	0.0374	0.00085	47.3	0.00527	0.0214	0.000135	0.000284	0.000144	0.144	0.00000459	0.000191	0.00043	0.00142	0.0000329
2045 Oct	451	0.191	0.666	0.0121	87.5	0.0501	63.2	0.000931	0.000931	0.00000483	0.00497	0.00146	0.0496	0.0125	0.00000512	19.9	0.0000184	0.00024	0.000206	0.00132	0.0305	0.0000725	1.91	6.65	0.0375	0.000854	47.5	0.0053	0.0214	0.000135	0.000285	0.000145	0.144	0.00000459	0.000192	0.000431	0.00143	0.0000329
2045 Nov	451	0.191	0.666	0.0121	87.5	0.0502	63.3	0.000931	0.000931	0.00000483	0.00498	0.00146	0.0497	0.0125	0.00000512	19.9	0.0000184	0.00024	0.000206	0.00132	0.0305	0.0000726	1.91	6.66	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.144	0.00000459	0.000192	0.000432	0.00143	0.0000329
2045 Dec	451	0.191	0.667	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000483	0.00498	0.00146	0.0497	0.0125	0.00000512	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305	0.0000726	1.91	6.66	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.144	0.00000459	0.000192	0.000432	0.00143	0.0000329
2046 Jan	451	0.191	0.667	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000483	0.00498	0.00146	0.0497	0.0125	0.00000512	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305	0.0000726	1.91	6.67	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.144	0.00000459	0.000192	0.000432	0.00143	0.0000329
2046 Feb	451	0.191	0.667	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000483	0.00498	0.00146	0.0497	0.0125	0.00000512	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305	0.0000726	1.91	6.67	0.0375	0.000855	47.5	0.00531	0.0214	0.000135	0.000286	0.000145	0.144	0.00000459	0.000192	0.000432	0.00143	0.0000329
2046 Mar	451	0.191	0.667	0.0121	87.6	0.0502	63.3	0.000931	0.000931	0.00000483	0.00498	0.00146	0.0497	0.0125	0.00000512	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305	0.0000726	1.91	6.67	0.0375	0.000855	47.5	0.00532	0.0215	0.000136	0.000286	0.000145	0.144	0.00000459	0.000192	0.000432	0.00143	0.0000329
2046 Apr	452	0.191	0.667	0.0121	87.6	0.0502	63.4	0.000931	0.000931	0.00000483	0.00498	0.00146	0.0497	0.0125	0.00000513	19.9	0.0000184	0.00024	0.000206	0.00133	0.0305	0.0000726	1.91	6.67	0.0375	0.000856	47.5	0.00532	0.0215	0.000136	0.000286	0.000145	0.144	0.00000459	0.000192	0.000432	0.00143	0.0000329
2046 May	452	0.191	0.667	0.0121	87.7	0.0503	63.5	0.000932	0.000932	0.00000484	0.00498	0.00147	0.0498	0.0125	0.00000513	20	0.0000184	0.000241	0.000206	0.00133	0.0305	0.0000727	1.91	6.68	0.0376	0.000857	47.6	0.00532	0.0215	0.000136	0.000286	0.000145	0.145	0.00000459	0.000192	0.000433	0.00143	0.0000329
2046 Jun	434	0.182	0.63	0.0115	83.5	0.0491	61.4	0.000933	0.000932	0.00000483	0.00509	0.00143	0.0482	0.0126	0.00000511	19.7	0.0000186	0.00024	0.000204	0.0013	0.0314	0.00000743	1.86	6.51	0.037	0.000827	45.2	0.00516	0.0226	0.000138	0.000284	0.000142	0.14	0.00000442	0.000187	0.000439	0.00145	0.0000311
2046 Jul	416	0.172	0.594	0.0109	79.3	0.0477	58.9	0.000934	0.000934	0.00000483	0.00517	0.0014	0.0461	0.0127	0.0000051	19.4	0.0000186	0.000238	0.000202	0.00127	0.0321	0.0000752	1.81	6.27	0.0363	0.000793	42.8	0.00496	0.0236	0.000139	0.000279	0.000137	0.136	0.00000426	0.00018	0.000441	0.00147	0.0000297
2046 Aug	418	0.173	0.596	0.011	79.7	0.0479	59.4	0.000935	0.000935	0.00000484	0.00519	0.00141	0.0465	0.0127	0.00000511	19.5	0.0000187	0.000239	0.000203	0.00128	0.0322	0.0000756	1.82	6.33	0.0364	0.000799	43	0.005	0.0236	0.00014	0.000281	0.000138	0.137	0.00000426	0.000182	0.000444	0.00148	0.0000298
2046 Sep	421	0.173	0.599	0.011	80.2	0.0483	60.4	0.000934	0.000934	0.00000483	0.0052	0.00141	0.0473	0.0127	0.00000511	19.7	0.0000188	0.00024	0.000204	0.00129	0.0322	0.0000761	1.83	6.44	0.0367	0.000809	43.4	0.00508	0.0236	0.000139	0.000285	0.00014	0.137	0.00000426	0.000184	0.000446	0.00148	0.0000297
2046 Oct	422	0.173	0.6	0.011	80.5	0.0486	61.1	0.000933	0.000933	0.00000482	0.00521	0.00141	0.0478	0.0127	0.00000511	19.8	0.0000189	0.000241	0.000204	0.00129	0.0322	0.0000766	1.83	6.53	0.0369	0.000816	43.6	0.00514	0.0237	0.000139	0.000287	0.000141	0.138	0.00000425	0.000186	0.000448	0.00148	0.0000296
2046 Nov	422	0.174	0.601	0.011	80.6	0.0487	61.5	0.000933	0.000932	0.00000482	0.00521	0.00141	0.0481	0.0127	0.00000511	19.9	0.0000189	0.000242	0.000205	0.0013	0.0322	0.0000769	1.83	6.57	0.037	0.000819	43.7	0.00516	0.0237	0.000139	0.000288	0.000141	0.138	0.00000424	0.000186	0.000449	0.00148	0.0000296
2046 Dec	423	0.174	0.601	0.011	80.7	0.0488	61.5	0.000933	0.000932	0.00000482	0.00522	0.00141	0.0481	0.0127	0.00000511	19.9	0.0000189	0.000242	0.000205	0.0013	0.0322	0.0000769	1.83	6.57	0.037	0.00082	43.7	0.00517	0.0237	0.000139	0.000288	0.000141	0.138	0.00000424	0.000187	0.00045	0.00148	0.0000296
2047 Jan	423	0.174	0.601	0.011	80.7	0.0488	61.5	0.000933	0.000932	0.00000482	0.00522	0.00141	0.0481	0.0127	0.00000511	19.9	0.0000189	0.000242	0.000205	0.0013	0.0322	0.0000769	1.83	6.58	0.037	0.00082	43.7	0.00517	0.0237	0.000139	0.000288	0.000141	0.138	0.00000424	0.000187	0.00045	0.00148	0.0000296
2047 Feb	423	0.174	0.601	0.011	80.7	0.0488	61.5	0.000933	0.000932	0.00000482	0.00522	0.00141	0.0481	0.0127	0.00000511	19.9	0.0000189	0.000242	0.000205	0.0013	0.0322	0.0000769	1.83	6.57	0.037	0.00082	43.7	0.00517	0.0237	0.000139	0.000288	0.000141	0.138	0.00000424	0.000187	0.00045	0.00148	0.0000296
2047 Mar	423	0.174	0.601	0.011	80.7	0.0488	61.5	0.000933	0.000932	0.00000482	0.00522	0.00141	0.0481	0.0127	0.00000511	19.9	0.0000189	0.000242	0.000205	0.0013	0.0322	0.0000769	1.83	6.58	0.037	0.00082	43.7	0.00517	0.0237	0.000139	0.000288	0.000141	0.138	0.00000425	0.000187	0.00045	0.00148	0.0000296
2047 Apr	423	0.174	0.601	0.011	80.7	0.0488	61.5	0.000933	0.000933	0.00000482	0.00522	0.00141	0.0481	0.0127	0.00000511	19.9	0.0000189	0.000242	0.000205	0.0013	0.0322	0.0000769	1.83	6.58	0.037	0.00082	43.7	0.00517	0.0237	0.000139	0.000288	0.000141	0.138	0.00000425	0.000187	0.00045	0.00149	0.0000296
2047 May	421	0.173	0.597	0.011	80.3	0.0487	61.4	0.000933	0.000933	0.00000483	0.00523	0.00141	0.048	0.0128	0.00000511	20	0.0000189	0.000243	0.000206	0.0013	0.0325	0.0000772	1.83	6.58	0.0371	0.000818	43.5	0.00516	0.0238	0.000141	0.000289	0.000141	0.138	0.00000423	0.000186	0.000452	0.00149	0.0000295
2047 Jun	399	0.162	0.552	0.0102	75.4	0.0471	58.4	0.000934	0.000934	0.00000482	0.00533	0.00139	0.0456	0.0133	0.00000508	19.9	0.0000191	0.000244	0.000211	0.00127	0.0345	0.00000784	1.79	6.35	0.0376	0.000779	40.6	0.00493	0.0253	0.000155	0.000283	0.000137	0.135	0.00000402	0.000179	0.000468	0.0015	0.0000285
2047 Jul	400	0.163	0.554	0.0102	75.7	0.0473	58.8	0.000936	0.000936	0.00000483	0.00534	0.00139	0.0456	0.0134	0.0000051	20	0.0000192	0.000245	0.000212	0.00128	0.0346	0.00000788	1.8	6.39	0.0378	0.000783	40.8	0.00497	0.0253	0.000156	0.000285	0.000138	0.135	0.00000403	0.00018	0.00047	0.00151	0.0000286
2047 Aug	402	0.163	0.556	0.0103	76.1	0.0476	59.3	0.000938	0.000938	0.00000484	0.00536	0.0014	0.0463	0.0134	0.00000511	20.2	0.0000192	0.000246	0.000213	0.00128	0.0346	0.00000791	1.8	6.45	0.038	0.000789	41	0.00501	0.0254	0.000156	0.000287	0.000139	0.136	0.00000404	0.000181	0.000472	0.00152	0.0000287
2047 Sep	405	0.164	0.559	0.0103	76.5	0.0479	60.2	0.000937	0.000937	0.00000484	0.00537	0.0014	0.047	0.0134	0.00000511	20.3	0.0000194	0.000248	0.000214	0.00129	0.0346	0.00000797	1.81	6.56	0.0382	0.000798	41.3	0.00508	0.0254	0.000156	0.00029	0.00014	0.136	0.00000404	0.000183	0.000474	0.00152	0.0000286
2047 Oct	407	0.164	0.561	0.0104	77	0.0483	61.2	0.000936	0.000936	0.00000483	0.00538	0.0014	0.0478	0.0134	0.00000511	20.5	0.0000195	0.000249	0.000215	0.0013	0.0346	0.00000802	1.82	6.67	0.0385	0.000809	41.6	0.00516	0.0254	0.000156	0.000293	0.000142	0.137	0.00000404	0.000186	0.000477	0.00152	0.0000286
2047 Nov	407	0.165	0.562	0.0104	77.1	0.0485	61.5	0.000936	0.000935	0.00000483	0.00538	0.0014	0.048	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346	0.00000804	1.82	6.71	0.0386	0.000812	41.7	0.00518	0.0254	0.000156	0.000294	0.000142	0.137	0.00000404	0.000186	0.000478	0.00152	0.0000286
2047 Dec	408	0.165	0.562	0.0104	77.1	0.0485	61.6	0.000936	0.000935	0.00000483	0.00539	0.0014	0.048	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346	0.00000804	1.82	6.71	0.0386	0.000812	41.7	0.00518	0.0254	0.000156	0.000294	0.000143	0.137	0.00000404	0.000186	0.000478	0.00152	0.0000286
2048 Jan	408	0.165	0.562	0.0104	77.1	0.0485	61.6	0.000936	0.000935	0.00000483	0.00539	0.0014	0.048	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346	0.00000804	1.82	6.71	0.0386	0.000813	41.7	0.00519	0.0254	0.000156	0.000294	0.000143	0.137	0.00000404	0.000186	0.000478	0.00152	0.0000286
2048 Feb	408	0.165	0.562	0.0104	77.1	0.0485	61.6	0.000936	0.000935	0.00000483	0.00539	0.0014	0.048	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346	0.00000804	1.82	6.71	0.0386	0.000813	41.7	0.00519	0.0254	0.000156	0.000294	0.000143	0.137	0.00000404	0.000186	0.000478	0.00152	0.0000286
2048 Mar	408	0.165	0.562	0.0104	77.1	0.0485	61.6	0.000936	0.000935	0.00000483	0.00539	0.0014	0.048	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346	0.00000804	1.82	6.71	0.0386	0.000813	41.7	0.00519	0.0254	0.000156	0.000294	0.000143	0.137	0.00000404	0.000186	0.000478	0.00152	0.0000286
2048 Apr	408	0.165	0.562	0.0104	77.2	0.0485	61.6	0.000936	0.000935	0.00000483	0.00539	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000195	0.00025	0.000215	0.0013	0.0346	0.00000804	1.82	6.72	0.0386	0.000813	41.7	0.00519	0.0254	0.000156	0.000294	0.000143	0.137	0.00000404	0.000187	0.000478	0.00152	0.0000286
2048 May	408	0.165	0.563	0.0104	77.2	0.0486	61.6	0.000937	0.000936	0.00000484	0.00539	0.0014	0.0481	0.0134	0.00000511	20.6	0.0000196	0.00025	0.000215	0.0013	0.0347	0.00000805

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.00000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.0009957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2052 Feb	309	0.115	0.359	0.00697	55.5	0.0434	51.7	0.000944	0.0009939	0.00000484	0.00592	0.00125	0.0414	0.0141	0.00000503	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393	0.00000883	1.63	6.06	0.0367	0.000682	29.4	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000312	0.000163	0.000516	0.00164	0.00004
2052 Mar	309	0.115	0.359	0.00697	55.5	0.0434	51.7	0.000944	0.0009939	0.00000484	0.00592	0.00125	0.0414	0.0141	0.00000503	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393	0.00000883	1.63	6.06	0.0367	0.000682	29.4	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000312	0.000163	0.000517	0.00164	0.00004
2052 Apr	309	0.115	0.359	0.00697	55.5	0.0434	51.7	0.000944	0.0009939	0.00000484	0.00592	0.00125	0.0414	0.0141	0.00000503	20.1	0.0000204	0.00025	0.000213	0.00119	0.0393	0.00000883	1.63	6.06	0.0367	0.000682	29.4	0.00453	0.0309	0.000172	0.000287	0.000128	0.121	0.00000312	0.000163	0.000517	0.00164	0.00004
2052 May	309	0.115	0.359	0.00697	55.5	0.0435	51.7	0.000944	0.0009939	0.00000484	0.00592	0.00125	0.0415	0.0142	0.00000503	20.1	0.0000204	0.00025	0.000213	0.00119	0.0394	0.00000884	1.63	6.07	0.0368	0.000682	29.4	0.00454	0.031	0.000172	0.000287	0.000128	0.121	0.00000312	0.000163	0.000517	0.00164	0.00004
2052 Jun	303	0.113	0.348	0.0068	54.3	0.0429	50.5	0.000944	0.0009939	0.00000484	0.00592	0.00124	0.0406	0.0142	0.00000502	19.9	0.0000203	0.000249	0.000213	0.00118	0.0395	0.00000881	1.62	5.96	0.0365	0.00067	28.7	0.00445	0.0311	0.000173	0.000284	0.000126	0.12	0.00000308	0.00016	0.000516	0.00163	0.0000413
2052 Jul	304	0.113	0.347	0.00678	54.2	0.0431	50.9	0.000945	0.0009939	0.00000484	0.00593	0.00124	0.0409	0.0142	0.00000503	20	0.0000204	0.00025	0.000213	0.00119	0.0396	0.00000885	1.62	6.01	0.0366	0.000674	28.7	0.00448	0.0312	0.000173	0.000285	0.000127	0.12	0.00000307	0.000161	0.000517	0.00164	0.0000417
2052 Aug	305	0.113	0.348	0.00679	54.4	0.0434	51.5	0.000946	0.00094	0.00000485	0.00595	0.00125	0.0413	0.0142	0.00000504	20.2	0.0000205	0.000251	0.000214	0.00119	0.0397	0.00000889	1.63	6.06	0.0368	0.000679	28.8	0.00453	0.0312	0.000173	0.000287	0.000127	0.121	0.00000307	0.000163	0.000519	0.00164	0.0000417
2052 Sep	307	0.113	0.349	0.0068	54.5	0.0436	52.1	0.000945	0.0009939	0.00000484	0.00595	0.00125	0.0418	0.0142	0.00000504	20.3	0.0000206	0.000252	0.000215	0.0012	0.0397	0.00000892	1.63	6.13	0.0369	0.000686	28.9	0.00457	0.0312	0.000173	0.000289	0.000128	0.121	0.00000307	0.000164	0.000521	0.00164	0.0000417
2052 Oct	308	0.113	0.35	0.00681	54.7	0.0439	52.7	0.000945	0.0009939	0.00000484	0.00596	0.00125	0.0423	0.0142	0.00000504	20.4	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000896	1.64	6.21	0.0371	0.000692	29	0.00462	0.0312	0.000173	0.000291	0.000129	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2052 Nov	308	0.113	0.35	0.00682	54.7	0.044	52.8	0.000945	0.0009939	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000897	1.64	6.22	0.0372	0.000694	29	0.00463	0.0312	0.000173	0.000292	0.00013	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2052 Dec	308	0.113	0.35	0.00682	54.7	0.044	52.9	0.000945	0.0009939	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000897	1.64	6.23	0.0372	0.000694	29	0.00464	0.0312	0.000173	0.000292	0.00013	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2053 Jan	308	0.113	0.35	0.00682	54.7	0.044	52.9	0.000945	0.0009939	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000897	1.64	6.23	0.0372	0.000695	29	0.00464	0.0312	0.000173	0.000292	0.00013	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2053 Feb	308	0.113	0.35	0.00682	54.7	0.044	52.9	0.000945	0.0009939	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000897	1.64	6.23	0.0372	0.000695	29	0.00464	0.0312	0.000173	0.000292	0.00013	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2053 Mar	308	0.113	0.35	0.00682	54.7	0.044	52.9	0.000945	0.0009939	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000897	1.64	6.23	0.0372	0.000695	29	0.00464	0.0312	0.000173	0.000292	0.00013	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2053 Apr	309	0.113	0.35	0.00682	54.8	0.044	53	0.000945	0.0009939	0.00000484	0.00597	0.00125	0.0424	0.0142	0.00000504	20.5	0.0000207	0.000253	0.000216	0.00121	0.0397	0.00000897	1.64	6.24	0.0372	0.000695	29	0.00464	0.0312	0.000173	0.000292	0.00013	0.122	0.00000307	0.000166	0.000523	0.00165	0.0000418
2053 May	309	0.113	0.349	0.0068	54.8	0.0445	54.1	0.000945	0.0009939	0.00000484	0.00599	0.00126	0.0434	0.0143	0.00000505	20.8	0.0000209	0.000256	0.000218	0.00122	0.0399	0.00000905	1.65	6.38	0.0377	0.000707	29.1	0.00474	0.0313	0.000174	0.000296	0.000132	0.123	0.00000306	0.000169	0.000529	0.00166	0.000042
2053 Jun	296	0.108	0.325	0.00639	52.2	0.0435	51.8	0.000944	0.0009937	0.00000483	0.00599	0.00124	0.0417	0.0146	0.00000502	20.7	0.0000207	0.000255	0.000221	0.0012	0.0408	0.00000901	1.63	6.2	0.0378	0.000681	27.6	0.00458	0.0318	0.000184	0.00029	0.000129	0.122	0.00000296	0.000164	0.000533	0.00165	0.0000448
2053 Jul	295	0.107	0.322	0.00635	51.9	0.0435	51.7	0.000945	0.0009938	0.00000484	0.006	0.00124	0.0417	0.0147	0.00000502	20.7	0.0000207	0.000256	0.000222	0.0012	0.041	0.00000903	1.64	6.2	0.038	0.00068	27.4	0.00458	0.0319	0.000185	0.00029	0.000129	0.122	0.00000295	0.000164	0.000535	0.00165	0.0000455
2053 Aug	297	0.108	0.324	0.00638	52.2	0.0439	52.6	0.000947	0.00094	0.00000485	0.00602	0.00125	0.0423	0.0147	0.00000504	20.9	0.0000208	0.000258	0.000224	0.00121	0.0411	0.00000909	1.64	6.31	0.0383	0.00069	27.6	0.00465	0.032	0.000185	0.000293	0.000131	0.123	0.00000296	0.000166	0.000538	0.00166	0.0000455
2053 Sep	300	0.108	0.326	0.00641	52.6	0.0445	54	0.000947	0.00094	0.00000485	0.00604	0.00125	0.0434	0.0147	0.00000505	21.2	0.000021	0.00026	0.000225	0.00123	0.0412	0.00000918	1.66	6.47	0.0388	0.000705	27.8	0.00476	0.032	0.000185	0.000298	0.000133	0.124	0.00000296	0.000169	0.000543	0.00167	0.0000456
2053 Oct	302	0.109	0.328	0.00643	52.9	0.045	54.9	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0442	0.0147	0.00000505	21.4	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000923	1.67	6.58	0.039	0.000715	28	0.00484	0.032	0.000185	0.000301	0.000134	0.125	0.00000296	0.000172	0.000546	0.00167	0.0000455
2053 Nov	302	0.109	0.328	0.00644	52.9	0.045	55.1	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0443	0.0147	0.00000505	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000924	1.67	6.6	0.0391	0.000717	28	0.00485	0.032	0.000185	0.000302	0.000135	0.125	0.00000296	0.000172	0.000546	0.00167	0.0000455
2053 Dec	302	0.109	0.328	0.00644	52.9	0.045	55.2	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000505	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000925	1.67	6.61	0.0391	0.000717	28	0.00485	0.032	0.000185	0.000302	0.000135	0.125	0.00000296	0.000172	0.000547	0.00167	0.0000455
2054 Jan	302	0.109	0.328	0.00644	52.9	0.0451	55.2	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000505	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000925	1.67	6.61	0.0391	0.000717	28	0.00485	0.032	0.000185	0.000302	0.000135	0.125	0.00000296	0.000172	0.000547	0.00167	0.0000455
2054 Feb	302	0.109	0.328	0.00644	52.9	0.0451	55.2	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000505	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000925	1.67	6.61	0.0391	0.000717	28	0.00485	0.032	0.000185	0.000302	0.000135	0.125	0.00000296	0.000172	0.000547	0.00167	0.0000455
2054 Mar	302	0.109	0.328	0.00644	52.9	0.0451	55.2	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000505	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000925	1.67	6.61	0.0391	0.000717	28	0.00485	0.032	0.000185	0.000302	0.000135	0.125	0.00000296	0.000172	0.000547	0.00167	0.0000455
2054 Apr	302	0.109	0.328	0.00644	52.9	0.0451	55.2	0.000947	0.00094	0.00000485	0.00606	0.00126	0.0444	0.0147	0.00000505	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000925	1.67	6.61	0.0391	0.000717	28	0.00486	0.032	0.000185	0.000302	0.000135	0.125	0.00000296	0.000172	0.000547	0.00167	0.0000455
2054 May	302	0.109	0.328	0.00644	53	0.0451	55.3	0.000948	0.00094	0.00000485	0.00607	0.00126	0.0444	0.0148	0.00000506	21.5	0.0000212	0.000262	0.000227	0.00124	0.0412	0.00000926	1.67	6.62	0.0392	0.000718	28	0.00486	0.032	0.000186	0.000303	0.000135	0.125	0.00000296	0.000172	0.000547	0.00167	0.0000456
2054 Jun	297	0.107	0.318	0.00628	51.9	0.0445	54.1	0.000947	0.0009939	0.00000485	0.00606	0.00126	0.0435	0.0149	0.00000504	21.4	0.0000211	0.000262	0.000229	0.00123	0.0417	0.00000923	1.66	6.52	0.0394	0.000705	27.4	0.00478	0.0322	0.000191	0.0003	0.000134	0.125	0.00000292	0.00017	0.000551	0.00167	0.0000464
2054 Jul	296	0.106	0.315	0.00622	51.5	0.0444	54	0.000947	0.0009939	0.00000485	0.00606	0.00125	0.0434	0.015	0.00000504	21.4	0.0000211	0.000263	0.00023	0.00123	0.0419	0.00000924	1.66	6.51	0.0395	0.000703	27.1	0.00477	0.0323	0.000192	0.0003	0.000134	0.125	0.00000291	0.000169	0.000552	0.00167	0.0000469
2054 Aug	298	0.106	0.315	0.00623	51.6	0.0447	54.7	0.000947	0.0009939	0.00000485	0.00608	0.00126	0.0439	0.015	0.00000505	21.6	0.0000212	0.000264	0.000231	0.00124	0.0419	0.00000928	1.67	6.59	0.0397	0.00071	27.2	0.00482	0.0323	0.000192	0.000302	0.000135	0.125	0.00000291	0.000171	0.000554	0.00167	0.0000469
2054 Sep	299	0.106	0.316	0.00624	51.7	0.0449	55.2	0.000947	0.0009939	0.00000485	0.00608	0.00126	0.0443	0.015	0.00000505	21.7	0.0000213	0.000265	0.000231	0.00124	0.0419	0.00000931	1.67	6.65	0.0399	0.000716	27.3	0.00487	0.0323	0.000193	0.000304	0.000135	0.126	0.00000291	0.000172	0.000556	0.00168	0.0000469
2054 Oct	299	0.106	0.315	0.00623	51.7	0.0451	55.5	0.000947	0.0009938	0.00000485	0.00609	0.00126	0.0445	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00124	0.042	0.00000933	1.67	6.68	0.0399	0.000719	27.3	0.00489	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2054 Nov	299	0.106	0.315	0.00622	51.7	0.0451	55.5	0.000946	0.0009938	0.00000485	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00124	0.042	0.00000933	1.67	6.69	0.04	0.000719	27.3	0.00489	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2054 Dec	299	0.106	0.315	0.00622	51.7	0.0451	55.6	0.000946	0.0009938	0.00000485	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00124	0.042	0.00000934	1.67	6.7	0.04	0.00072	27.3	0.0049	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2055 Jan	299	0.106	0.315	0.00622	51.7	0.0451	55.6	0.000946	0.0009938	0.00000485	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00124	0.042	0.00000934	1.67	6.7	0.04	0.00072	27.3	0.0049	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2055 Feb	299	0.106	0.315	0.00622	51.7	0.0451	55.6	0.000946	0.0009938	0.00000485	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00124	0.042	0.00000934	1.67	6.7	0.04	0.00072	27.3	0.0049	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2055 Mar	299	0.106	0.315	0.00622	51.7	0.0451	55.6	0.000946	0.0009938	0.00000485	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000213	0.000265	0.000232	0.00124	0.042	0.00000934	1.67	6.7	0.04	0.00072	27.3	0.0049	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2055 Apr	299	0.106	0.315	0.00622	51.7	0.0451	55.6	0.000947	0.0009938	0.00000485	0.00609	0.00126	0.0446	0.015	0.00000505	21.8	0.0000214	0.000265	0.000232	0.00124	0.042	0.00000934	1.67	6.7	0.04	0.00072	27.3	0.0049	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000173	0.000557	0.00168	0.000047
2055 May	299	0.106	0.315	0.00623	51.7	0.0451	55.7	0.000947	0.0009939	0.00000485	0.00609	0.00126	0.0447	0.015	0.00000505	21.8	0.0000214	0.000266	0.000232	0.00125	0.042	0.00000935	1.67	6.71	0.04	0.00072	27.3	0.0049	0.0323	0.000193	0.000305	0.000136	0.126	0.00000291	0.000174	0.000558	0.00168	0.0000471
2055 Jun	283	0.1	0.29	0.00582	48.8	0.0436	52.3	0.000948	0.0009938	0.00000485	0.00609	0.00123	0.0423	0.0151	0.00000502	21.3	0.0000211	0.000262	0.000229	0.00121	0.0423	0.00000925	1.64	6.37	0.0392	0.000683	25.6	0.00466	0.0327	0.000195	0.000296	0.000131	0.123	0.00000281	0.000166	0.000554	0.00167	0.0000497
2056 Jul	276	0.0975	0.279	0.00564	47.5	0.0428	50.5	0.000949	0.0009939	0.00000485	0.00608	0.00122	0.041	0.0151	0.00000502	21	0.0000209	0.00026	0.000227	0.00119	0.0424	0.00000919	1.62	6.19	0.0387	0.000663	24.8	0.00452	0.0329	0.000195	0.000291	0.000128	0.121	0.00000277	0.000161	0.000551	0.00167	0.0000513
2055 Aug	277	0.0978	0.28	0.00565	47.6	0.043	50.9	0.000951	0.00094	0.00000486	0.0061	0.00122	0.0413	0.0151	0.00000503	21	0.000021	0.000261	0.000228	0.0012	0.0425	0.00000922	1.63	6.23	0.0388	0.000667	24.9	0.00455	0.0329	0.000195	0.000293	0.000129	0.121	0.00000277	0.000162	0.000553	0.00168	0.0000513
2055 Sep	279	0.0979	0.28	0.00566	47.7	0.0432	51.4	0.00095	0.00094	0.00000486	0.0061	0.00123	0.0417	0.0151	0.00000503	21.2	0.0000211	0.000261	0.000229	0.0012	0.0425	0.00000925	1.63	6.3	0.039	0.000673	24.9	0.0046	0.0329	0.000195	0.000295	0.00013	0.122	0.00000277	0.000164	0.000554	0.00168	0.0000513
2055 Oct	280	0.098	0.281	0.00567	47.8	0.0434	51.8	0.00095	0.00094	0.00000486	0.00611	0.00123	0.042	0.0151	0.00000503	21.2	0.0000211	0.000262	0.000229	0.00121	0.0425	0.00000927	1.64	6.34	0.0391	0.000677	25	0.00463	0.0329	0.000195	0.000296	0.00013	0.122	0.00000278	0.000165	0.000555	0.00168	0.0000513
2055 Nov	280	0.0981	0.281	0.00567	47.8	0.0435	52	0.00095	0.00094	0.00000486	0.00611	0.00123	0.0421	0.0151	0.00000503	21.3	0.0000211	0.000262	0.000229	0.00121	0.0425	0.00000929	1.64	6.36	0.0391	0.000679	25	0.00464	0.0329	0.000195	0.000297	0.000131	0.122	0.00000278	0.000165	0.000556	0.00168	0.0000513
2055 Dec	280	0.0981	0.281	0.00567	47.9	0.0435	52.1	0.00095	0.00094	0.00000486	0.00611	0.00123	0.0422	0.0151	0.00000503	21.3	0.0000211	0.000262	0.00023	0.00121	0.0425	0.00000929	1.64	6.37	0.0392	0.00068	25	0.00465	0.0329	0.000195	0.000297	0.000131	0.122	0.00000278	0.000165	0.000556	0.00168	0.0000513
2056 Jan	280	0.0981	0.281	0.00567	47.9	0.0435	52.1	0.00095	0.00094	0.00000486	0.00611	0.00123	0.0422	0.0151	0.00000503	21.3	0.0000211	0.000262	0.00023	0.00121	0.0425	0.00000929	1.64	6.37	0.0392	0.00068	25	0.00465	0.0329	0.000195	0.000297	0.000131	0.122	0.00000278	0.000165	0.000556	0.00168	0.0000513
2056 Feb	280	0.0981	0.281	0.00567	47.9	0.0435	52.1	0.00095	0.00094	0.00000486	0.00611	0.00123	0.0422	0.0151	0.00000503	21.3	0.0000211	0.000262	0.00023	0.00121	0.0425	0.00000929	1.64	6.37	0.0392	0.00068	25	0.00465	0.0329	0.000195	0.000297	0.000131	0.122	0.00000278	0.000165	0.000556	0.00168	0.0000513
2056 Mar	280	0.0981	0.281	0.00567	47.9	0.0435	52.1	0.00095	0.00094	0.00000486	0.00611	0.00123	0.0422	0.0151	0.00000503	21.3	0.0000211	0.000262	0.00023	0.00121	0.0425	0.00000929	1.64	6.37	0.0392	0.00068	25	0.00465	0.0329	0.000195	0.000297	0.000131	0.122	0.00000278	0.000165	0.000556	0.00168	0.0000513
2056 Apr	280	0.0981	0.281	0.00567	47.9	0.0436	52.1	0.000951	0.00094	0.00000486	0.00612	0.00123	0.0422	0.0151	0.00000503	21.3	0.0000211	0.000263	0.00023	0.00121	0.0425	0.00000929	1.64	6.38	0.0392	0.00068	25	0.00465	0.0329	0.000195	0.000297	0.000131	0.122	0.00000278	0.000166	0.000556	0.00168	0.0000513
2056 May	279	0.0979	0.28	0.00565	47.7	0.0435	51.9	0.000951	0.0009941	0.00000486	0.00612	0.00123	0.0421	0.0152	0.00000504	21.3	0.0000211	0.000263	0.00023	0.00121	0.0427	0.00000929	1.64	6.36	0.0393	0.000678	24.9	0.00464	0.033	0.000197	0.000297	0.000131	0.122	0.00000277	0.000165	0.000557	0.00168	0.0000515
2056 Jun	271	0.095	0.266	0.00542	46.2	0.0423	49.6	0.000952	0.00094	0.00000486	0.0061	0.00122	0.0403	0.0155	0.00000502	21.1	0.0000209	0.000262	0.000233	0.00119	0.0436	0.00000921	1.63	6.15	0.0396	0.000652	24	0.00447	0.0333	0.000206	0.00029	0.000128	0.121	0.00000272	0.00016	0.000562	0.00167	0.000053
2056 Jul	271	0.095	0.265	0.00542	46.2	0.0425	49.9	0.000953	0.0009942

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.00000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.000957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2060 Jun	262	0.0873	0.218	0.00463	41.9	0.0444	54.5	0.000967	0.000951	0.00000492	0.00634	0.00129	0.0442	0.0179	0.00000509	24.2	0.0000223	0.000295	0.00028	0.00129	0.0501	0.00000987	1.75	7.04	0.0479	0.000703	21.3	0.00494	0.0357	0.000269	0.000316	0.000143	0.134	0.00000255	0.000175	0.000652	0.00174	0.000058
2060 Jul	262	0.0874	0.218	0.00463	41.9	0.0445	54.6	0.00097	0.000954	0.00000493	0.00636	0.0013	0.0443	0.018	0.00000511	24.3	0.0000223	0.000296	0.000281	0.00129	0.0504	0.00000989	1.75	7.06	0.0481	0.000704	21.3	0.00495	0.0359	0.000271	0.000316	0.000143	0.134	0.00000255	0.000175	0.000655	0.00175	0.0000583
2060 Aug	264	0.0875	0.218	0.00464	42	0.0447	55.2	0.000971	0.000954	0.00000494	0.00637	0.0013	0.0447	0.018	0.00000511	24.4	0.0000224	0.000297	0.000282	0.0013	0.0504	0.00000993	1.76	7.12	0.0483	0.00071	21.3	0.005	0.0359	0.000271	0.000318	0.000144	0.135	0.00000256	0.000176	0.000657	0.00175	0.0000583
2060 Sep	265	0.0873	0.217	0.00462	41.9	0.045	55.8	0.000969	0.000952	0.00000493	0.00637	0.0013	0.0452	0.018	0.00000511	24.5	0.0000224	0.000298	0.000283	0.0013	0.0504	0.00000996	1.76	7.2	0.0485	0.000717	21.2	0.00505	0.0359	0.000271	0.00032	0.000145	0.135	0.00000255	0.000178	0.000658	0.00175	0.0000582
2060 Oct	266	0.0872	0.217	0.00461	41.8	0.0453	56.5	0.000968	0.000951	0.00000492	0.00638	0.0013	0.0457	0.018	0.00000511	24.7	0.0000225	0.0003	0.000284	0.00131	0.0505	0.00001	1.77	7.28	0.0487	0.000724	21.2	0.00511	0.0358	0.000271	0.000322	0.000146	0.136	0.00000254	0.00018	0.000661	0.00175	0.0000582
2060 Nov	266	0.0872	0.217	0.0046	41.8	0.0454	56.7	0.000968	0.000951	0.00000492	0.00638	0.0013	0.0459	0.018	0.00000511	24.7	0.0000226	0.0003	0.000284	0.00131	0.0505	0.00001	1.77	7.31	0.0488	0.000726	21.2	0.00512	0.0358	0.000272	0.000323	0.000146	0.136	0.00000254	0.00018	0.000661	0.00175	0.0000582
2060 Dec	266	0.0872	0.217	0.0046	41.8	0.0454	56.8	0.000968	0.000951	0.00000492	0.00638	0.0013	0.0459	0.018	0.00000511	24.8	0.0000226	0.0003	0.000285	0.00131	0.0505	0.00001	1.77	7.32	0.0488	0.000727	21.2	0.00513	0.0359	0.000272	0.000323	0.000146	0.136	0.00000254	0.00018	0.000662	0.00175	0.0000582
2061 Jan	266	0.0872	0.217	0.0046	41.8	0.0454	56.8	0.000968	0.000951	0.00000492	0.00638	0.0013	0.046	0.018	0.00000511	24.8	0.0000226	0.0003	0.000285	0.00131	0.0505	0.00001	1.77	7.32	0.0488	0.000727	21.2	0.00513	0.0359	0.000272	0.000323	0.000147	0.136	0.00000254	0.00018	0.000662	0.00175	0.0000582
2061 Feb	266	0.0872	0.217	0.0046	41.8	0.0454	56.8	0.000968	0.000951	0.00000492	0.00638	0.0013	0.046	0.018	0.00000511	24.8	0.0000226	0.0003	0.000285	0.00131	0.0505	0.00001	1.77	7.32	0.0488	0.000727	21.2	0.00513	0.0359	0.000272	0.000323	0.000147	0.136	0.00000254	0.00018	0.000662	0.00175	0.0000582
2061 Mar	266	0.0872	0.217	0.0046	41.8	0.0454	56.8	0.000968	0.000951	0.00000492	0.00638	0.0013	0.046	0.018	0.00000511	24.8	0.0000226	0.0003	0.000285	0.00131	0.0505	0.00001	1.77	7.32	0.0488	0.000727	21.2	0.00513	0.0359	0.000272	0.000323	0.000147	0.136	0.00000254	0.00018	0.000662	0.00175	0.0000582
2061 Apr	266	0.0872	0.217	0.0046	41.8	0.0455	56.8	0.000968	0.000951	0.00000492	0.00638	0.0013	0.046	0.018	0.00000511	24.8	0.0000226	0.0003	0.000285	0.00131	0.0505	0.00001	1.77	7.32	0.0488	0.000728	21.2	0.00513	0.0359	0.000272	0.000323	0.000147	0.136	0.00000254	0.00018	0.000662	0.00175	0.0000582
2061 May	264	0.0867	0.213	0.00454	41.4	0.0454	56.5	0.000969	0.000952	0.00000493	0.00639	0.00131	0.0458	0.0182	0.00000511	24.9	0.0000226	0.000302	0.000288	0.00131	0.051	0.00001	1.77	7.32	0.0493	0.000725	21	0.00511	0.036	0.000277	0.000323	0.000147	0.136	0.00000253	0.00018	0.000667	0.00175	0.0000584
2061 Jun	252	0.0841	0.197	0.00428	39.7	0.0439	53.3	0.000971	0.000952	0.00000492	0.00635	0.00131	0.0433	0.0189	0.00000509	24.8	0.0000221	0.000303	0.000295	0.00129	0.0527	0.0000099	1.77	7.03	0.0503	0.000692	19.9	0.00487	0.0365	0.000295	0.000312	0.000143	0.136	0.00000247	0.000173	0.000676	0.00173	0.0000596
2061 Jul	253	0.0842	0.197	0.00427	39.8	0.044	53.5	0.000973	0.000954	0.00000494	0.00636	0.00131	0.0435	0.0189	0.0000051	24.9	0.0000222	0.000305	0.000297	0.0013	0.0529	0.00000993	1.77	7.07	0.0506	0.000694	19.9	0.00489	0.0366	0.000297	0.000313	0.000144	0.136	0.00000248	0.000174	0.000678	0.00174	0.000598
2061 Aug	254	0.0844	0.197	0.00429	39.9	0.0443	54	0.000975	0.000956	0.00000495	0.00638	0.00132	0.0439	0.019	0.00000511	25	0.0000223	0.000306	0.000298	0.0013	0.053	0.00000998	1.78	7.13	0.0508	0.0007	19.9	0.00494	0.0367	0.000297	0.000315	0.000145	0.137	0.00000248	0.000175	0.000681	0.00174	0.00006
2061 Sep	256	0.0846	0.198	0.0043	40	0.0447	54.8	0.000975	0.000956	0.00000495	0.0064	0.00132	0.0445	0.019	0.00000512	25.2	0.0000224	0.000307	0.000299	0.00131	0.053	0.00001	1.79	7.22	0.0511	0.000709	20	0.005	0.0367	0.000297	0.000318	0.000146	0.138	0.00000249	0.000177	0.000684	0.00175	0.00006
2061 Oct	258	0.0846	0.198	0.0043	40	0.0451	56	0.000973	0.000954	0.00000494	0.0064	0.00132	0.0454	0.019	0.00000512	25.4	0.0000226	0.000309	0.0003	0.00132	0.0529	0.00000101	1.79	7.35	0.0513	0.000721	20	0.00509	0.0366	0.000296	0.000322	0.000148	0.139	0.00000248	0.000178	0.000686	0.00175	0.0000598
2061 Nov	258	0.0846	0.198	0.0043	40	0.0453	56.3	0.000972	0.000953	0.00000494	0.00641	0.00132	0.0457	0.019	0.00000511	25.5	0.0000226	0.000309	0.0003	0.00132	0.0529	0.00000101	1.8	7.39	0.0514	0.000725	20	0.00512	0.0366	0.000296	0.000323	0.000148	0.139	0.00000248	0.000181	0.000686	0.00175	0.0000597
2061 Dec	258	0.0846	0.198	0.0043	40	0.0453	56.4	0.000972	0.000953	0.00000494	0.00641	0.00132	0.0457	0.019	0.00000512	25.5	0.0000226	0.000309	0.0003	0.00132	0.0529	0.00000101	1.8	7.4	0.0514	0.000725	20	0.00512	0.0366	0.000296	0.000323	0.000148	0.139	0.00000248	0.000181	0.000687	0.00175	0.0000597
2062 Jan	258	0.0846	0.198	0.0043	40	0.0453	56.4	0.000972	0.000953	0.00000494	0.00641	0.00132	0.0457	0.019	0.00000512	25.5	0.0000226	0.000309	0.0003	0.00133	0.0529	0.00000101	1.8	7.4	0.0514	0.000726	20	0.00513	0.0366	0.000296	0.000323	0.000148	0.139	0.00000248	0.000181	0.000687	0.00175	0.0000597
2062 Feb	258	0.0846	0.198	0.0043	40	0.0453	56.4	0.000972	0.000953	0.00000494	0.00641	0.00132	0.0457	0.019	0.00000512	25.5	0.0000226	0.000309	0.0003	0.00133	0.0529	0.00000101	1.8	7.4	0.0514	0.000726	20	0.00513	0.0366	0.000296	0.000323	0.000148	0.139	0.00000248	0.000181	0.000687	0.00175	0.0000597
2062 Mar	258	0.0846	0.198	0.0043	40	0.0453	56.4	0.000972	0.000953	0.00000494	0.00641	0.00132	0.0457	0.019	0.00000512	25.5	0.0000226	0.000309	0.0003	0.00133	0.0529	0.00000101	1.8	7.4	0.0514	0.000726	20	0.00513	0.0366	0.000296	0.000323	0.000149	0.139	0.00000248	0.000181	0.000687	0.00175	0.0000597
2062 Apr	258	0.0846	0.198	0.0043	40	0.0454	56.4	0.000973	0.000954	0.00000494	0.00641	0.00132	0.0457	0.019	0.00000512	25.5	0.0000226	0.000309	0.0003	0.00133	0.0529	0.00000101	1.8	7.4	0.0514	0.000726	20	0.00513	0.0367	0.000296	0.000323	0.000149	0.139	0.00000248	0.000181	0.000687	0.00175	0.0000598
2062 May	258	0.0847	0.198	0.0043	40	0.0454	56.5	0.000973	0.000954	0.00000494	0.00641	0.00132	0.0458	0.019	0.00000512	25.5	0.0000226	0.00031	0.000301	0.00133	0.053	0.00001	1.8	7.41	0.0515	0.000726	20	0.00513	0.0367	0.000296	0.000323	0.000149	0.139	0.00000248	0.000181	0.000687	0.00175	0.0000598
2062 Jun	250	0.0827	0.189	0.00415	38.9	0.0443	53.8	0.000976	0.000956	0.00000495	0.00641	0.00131	0.0439	0.019	0.00000511	25.1	0.0000224	0.000307	0.000299	0.0013	0.0532	0.00001	1.78	7.13	0.0509	0.000699	19.3	0.00493	0.0369	0.000298	0.000316	0.000145	0.137	0.00000245	0.000175	0.000683	0.00175	0.0000603
2062 Jul	246	0.0814	0.183	0.00406	38.2	0.0436	52.3	0.000978	0.000957	0.00000495	0.0064	0.00131	0.0427	0.0191	0.00000511	24.8	0.0000222	0.000306	0.000298	0.00129	0.0534	0.00000996	1.77	6.97	0.0506	0.000683	18.9	0.00481	0.0371	0.0003	0.000311	0.000142	0.136	0.00000244	0.000172	0.000681	0.00174	0.0000608
2062 Aug	247	0.0815	0.183	0.00407	38.2	0.044	53.1	0.000979	0.000957	0.00000495	0.00642	0.00131	0.0433	0.0191	0.00000512	25	0.0000223	0.000307	0.000299	0.0013	0.0534	0.00001	1.78	7.06	0.0508	0.000691	18.9	0.00488	0.0371	0.000299	0.000314	0.000144	0.136	0.00000244	0.000174	0.000684	0.00175	0.0000608
2062 Sep	249	0.0814	0.183	0.00406	38.2	0.0442	53.8	0.000977	0.000956	0.00000495	0.00642	0.00131	0.0438	0.0191	0.00000511	25.1	0.0000224	0.000308	0.000299	0.0013	0.0534	0.00001	1.78	7.13	0.0509	0.000698	18.9	0.00493	0.0371	0.000299	0.000316	0.000145	0.137	0.00000243	0.000175	0.000685	0.00175	0.0000607
2062 Oct	242	0.0798	0.174	0.00392	37.1	0.0436	52.2	0.000975	0.000953	0.00000493	0.00639	0.0013	0.0427	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000993	1.76	6.96	0.0502	0.000684	18.3	0.0048	0.037	0.000297	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2062 Nov	242	0.0798	0.174	0.00391	37.1	0.0436	52.2	0.000976	0.000953	0.00000493	0.00639	0.0013	0.0427	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000994	1.76	6.96	0.0502	0.000684	18.3	0.00481	0.037	0.000296	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2062 Dec	242	0.0798	0.174	0.00391	37.1	0.0437	52.3	0.000975	0.000952	0.00000493	0.00639	0.0013	0.0428	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000994	1.76	6.97	0.0502	0.000685	18.3	0.00481	0.037	0.000296	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2063 Jan	242	0.0798	0.174	0.00391	37.1	0.0437	52.3	0.000975	0.000952	0.00000493	0.00639	0.0013	0.0428	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000994	1.76	6.98	0.0502	0.000686	18.3	0.00481	0.037	0.000296	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2063 Feb	242	0.0798	0.174	0.00391	37.1	0.0437	52.3	0.000975	0.000952	0.00000493	0.00639	0.0013	0.0428	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000994	1.76	6.98	0.0502	0.000686	18.3	0.00482	0.037	0.000296	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2063 Mar	242	0.0798	0.174	0.00391	37.1	0.0437	52.3	0.000975	0.000952	0.00000493	0.00639	0.0013	0.0428	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000994	1.76	6.98	0.0502	0.000686	18.3	0.00482	0.037	0.000296	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2063 Apr	242	0.0798	0.174	0.00391	37.1	0.0437	52.3	0.000976	0.000953	0.00000493	0.00639	0.0013	0.0428	0.019	0.00000509	24.8	0.0000221	0.000306	0.000296	0.00129	0.0531	0.00000994	1.76	6.98	0.0503	0.000686	18.3	0.00482	0.037	0.000297	0.000309	0.000142	0.135	0.0000024	0.000172	0.000676	0.00173	0.0000616
2063 May	241	0.0797	0.173	0.0039	37	0.0436	52	0.000976	0.000953	0.00000493	0.00639	0.0013	0.0425	0.0191	0.00000509	24.8	0.0000221	0.000306	0.000297	0.00128	0.0532	0.00000993	1.76	6.95	0.0503	0.000683	18.2	0.00479	0.0371	0.000297	0.000308	0.000142	0.135	0.00000239	0.000172	0.000676	0.00173	0.0000617
2063 Jun	223	0.0764	0.154	0.00359	34.8	0.041	46	0.000978	0.00095	0.00000491	0.0063	0.00128	0.0381	0.0193	0.00000503	23.8	0.0000212	0.000302	0.000296	0.00123	0.0539	0.00000958	1.73	6.32	0.0495	0.000622	16.8	0.00433	0.0372	0.000307	0.000287	0.000133	0.131	0.00000232	0.000159	0.000667	0.00169	0.0000639
2063 Jul	222	0.0759	0.152	0.00356	34.5	0.0407	45.5	0.000978	0.0009449	0.00000491	0.00628	0.00128	0.0377	0.0193	0.00000503	23.7	0.0000211	0.000302	0.000295	0.00123	0.0539	0.00000954	1.72	6.26	0.0494	0.000617	16.6	0.00429	0.0372	0.000307	0.000285	0.000132	0.131	0.00000231	0.000157	0.000665	0.00169	0.0000645
2063 Aug	223	0.0761	0.153	0.00357	34.6	0.041	46	0.00098	0.000951	0.00000492	0.0063	0.00128	0.0381	0.0194	0.00000504	23.9	0.0000212	0.000303	0.000296	0.00123	0.054	0.00000959	1.73	6.32	0.0496	0.000623	16.7	0.00433	0.0373	0.000308	0.000287	0.000133	0.131	0.00000231	0.000159	0.000668	0.00169	0.0000646
2063 Sep	225	0.0762	0.153	0.00357	34.7	0.0414	46.9	0.00098	0.000951	0.00000492	0.00632	0.00128	0.0388	0.0194	0.00000505	24.1	0.0000213	0.000305	0.000297	0.00124	0.054	0.00000964	1.74	6.43	0.0499	0.000632	16.7	0.00441	0.0373	0.000307	0.000291	0.000135	0.132	0.00000232	0.000161	0.00067	0.0017	0.0000645
2063 Oct	226	0.0762	0.153	0.00358	34.7	0.0417	47.8	0.000979	0.0009449	0.00000492	0.00632	0.00129	0.0394	0.0194	0.00000504	24.2	0.0000214	0.000306	0.000298	0.00125	0.054	0.00000968	1.74	6.53	0.0501	0.000641	16.8	0.00447	0.0372	0.000307	0.000293	0.000136	0.133	0.00000231	0.000163	0.000672	0.0017	0.0000644
2063 Nov	226	0.0762	0.153	0.00358	34.7	0.0418	48	0.000978	0.0009449	0.00000492	0.00633	0.00129	0.0396	0.0194	0.00000505	24.3	0.0000215	0.000306	0.000298	0.00125	0.054	0.00000997	1.74	6.55	0.0501	0.000644	16.8	0.00449	0.0372	0.000307	0.000294	0.000137	0.133	0.00000231	0.000164	0.000673	0.0017	0.0000644
2063 Dec	227	0.0762	0.153	0.00358	34.7	0.0419	48.1	0.000978	0.0009449	0.00000492	0.00633	0.00129	0.0396	0.0194	0.00000505	24.3	0.0000215	0.000306	0.000298	0.00125	0.054	0.00000997	1.74	6.56	0.0501	0.000645	16.8	0.0045	0.0372	0.000307	0.000294	0.000137	0.133	0.00000231	0.000164	0.000673	0.0017	0.0000644
2064 Jan	227	0.0762	0.153	0.00358	34.7	0.0419	48.1	0.000978	0.0009449	0.00000492	0.00633	0.00129	0.0397	0.0194	0.00000505	24.3	0.0000215	0.000306	0.000298	0.00125	0.054	0.00000997	1.74	6.56	0.0501	0.000645	16.8	0.0045	0.0372	0.000307	0.000294	0.000137	0.133	0.00000231	0.000164	0.000673	0.0017	0.0000644
2064 Feb	227	0.0762	0.153	0.00358	34.7	0.0419	48.1	0.000978	0.0009449	0.00000492	0.00633	0.00129	0.0397	0.0194	0.00000505	24.3	0.0000215	0.000306	0.000298	0.00125	0.054	0.00000997	1.74	6.57	0.0502	0.000645	16.8	0.0045	0.0372	0.000307	0.000294	0.000137	0.133	0.00000232	0.000164	0.000673	0.0017	0.0000644
2064 Mar	227	0.0763	0.153	0.00358	34.7	0.0419	48.1	0.000978	0.0009449	0.00000492	0.00633	0.00129	0.0397	0.0194	0.00000505	24.3	0.0000215	0.000306	0.000298	0.00125	0.054	0.00000997	1.74	6.57	0.0502	0.000645	16.8	0.0045	0.0372	0.000307	0.000294	0.000137	0.133	0.00000232	0.000164	0.000673	0.0017	0.0000644
2064 Apr	227	0.0763	0.153	0.00358	34.7	0.0419	48.1	0.000979	0.0009449	0.00000492	0.00633	0.00129	0.0397	0.0194	0.00000505	24.3	0.0000215	0.000306	0.000298	0.00125	0.054	0.00000997	1.75	6.57	0.0502	0.000645	16.8	0.0045	0.0372	0.000307	0.000294	0.000137	0.133	0.00000232	0.000164	0.000673	0.0017	0.0000644
2064 May	226	0.076	0.152	0.00355	34.5	0.0419	48.1	0.000979	0.0009449	0.00000491	0.00633	0.00129	0.0397	0.0195	0.00000505	24.4	0.0000215	0.000308	0.0003	0.00126	0.0542	0.00000971	1.75	6.58	0.0504	0.000645	16.7	0.0045	0.0373	0.000309	0.000295	0.000137	0.133	0.00000231	0.000164	0.000676	0.0017	0.0000646
2064 Jun	217	0.0742	0.142	0.00338	33.4	0.0407	45.7	0.000978	0.0009444	0.00000489	0.00625	0.00129	0.0379	0.0198	0.00000501	24.2	0.0000211	0.000309	0.000304	0.00124	0.055	0.00000953	1.74	6.35	0.0509	0.00062	16	0.00432	0.0372	0.000321	0.000286	0.000134	0.133	0.00000226	0.000159	0.000678	0.00168	0.0000658
2064 Jul	218	0.0744	0.142	0.00339	33.5	0.0409	46.1	0.00098	0.0009445	0.0000049	0.00627	0.00129	0.0382	0.0198	0.00000502	24.3	0.0000212	0.00031	0.000305	0.00124	0.0551	0.00000956	1.75	6.4	0.0512	0.000625	16	0.00436	0.0373	0.000321	0.000288	0.000135	0.133	0.00000227	0.000161	0.00068	0.00168	0.000066
2064 Aug	220	0.0745	0.142	0.0034	33.5	0.0412	46.8	0.00098	0.0009446	0.0000049	0.00628	0.00129	0.0387	0.0199	0.00000502	24.5	0.0000213	0.000311	0.000306	0.00125	0.0551	0.00000961	1.76	6.48	0.0514	0.000632	16	0.00441	0.0373	0.000321	0.0003	0.000136	0.134	0.00000227	0.000162	0.000683	0.00168	0.000066
2064 Sep	222	0.0745	0.143	0.0034	33.6	0.0418	48.2	0.000978	0.0009444	0.00000489	0.00629	0.0013	0.0397	0.0198	0.00000502	24.7	0.0000214	0.000313	0.000307	0.00126	0.0551	0.00000968	1.76	6.64	0.0517	0.000646	16	0.00452	0.0373	0.000321	0.000294	0.000138	0.135	0.00000227	0.000166	0.000686	0.00169	0.0000658
2064 Oct	224	0.0745	0.143	0.0034	33.6	0.0423	49.2	0.000978	0.0009444	0.00000489	0.0063	0.0013	0.0405	0.0198	0.00000503	24.9	0.0000216	0.000315	0.000308	0.00127	0.0551	0.00000974	1.77	6.76	0.052	0.000657	16.1	0.0046	0.0372	0.00032	0.000298	0.00014	0.136	0.00000227	0.000168	0.000688	0.00169	0.0000658
2064 Nov	224	0.0746	0.143	0.00341	33.6	0.0424	49.5	0

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.00000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.000957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
2068 Oct	215	0.0701	0.117	0.003	30.3	0.0427	50	0.00099	0.000937	0.00000486	0.0063	0.00132	0.0412	0.0204	0.000005	25.6	0.0000216	0.000334	0.000319	0.00129	0.0564	0.00000979	1.81	6.92	0.0538	0.000673	14	0.00468	0.0375	0.000334	0.000299	0.000143	0.139	0.00000217	0.000176	0.000701	0.00167	0.0000677
2068 Nov	215	0.0702	0.117	0.003	30.3	0.0427	50.1	0.00099	0.000937	0.00000486	0.0063	0.00133	0.0413	0.0204	0.000005	25.6	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.93	0.0538	0.000674	14	0.00469	0.0375	0.000334	0.000299	0.000144	0.139	0.00000217	0.000176	0.000702	0.00168	0.0000677
2068 Dec	215	0.0702	0.117	0.003	30.3	0.0428	50.1	0.00099	0.000937	0.00000486	0.00631	0.00133	0.0413	0.0204	0.00000501	25.7	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.93	0.0538	0.000674	14	0.00469	0.0375	0.000334	0.000299	0.000144	0.139	0.00000217	0.000176	0.000702	0.00168	0.0000677
2069 Jan	215	0.0702	0.117	0.003	30.3	0.0428	50.1	0.00099	0.000937	0.00000486	0.00631	0.00133	0.0414	0.0204	0.00000501	25.7	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.94	0.0538	0.000674	14	0.00469	0.0375	0.000334	0.000299	0.000144	0.139	0.00000217	0.000176	0.000702	0.00168	0.0000677
2069 Feb	215	0.0702	0.117	0.003	30.3	0.0428	50.1	0.00099	0.000937	0.00000486	0.00631	0.00133	0.0414	0.0204	0.00000501	25.7	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.94	0.0538	0.000675	14	0.00469	0.0375	0.000334	0.000299	0.000144	0.139	0.00000217	0.000176	0.000702	0.00168	0.0000677
2069 Mar	215	0.0702	0.117	0.003	30.3	0.0428	50.1	0.00099	0.000937	0.00000486	0.00631	0.00133	0.0414	0.0204	0.00000501	25.7	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.94	0.0538	0.000675	14	0.00469	0.0375	0.000334	0.000299	0.000144	0.139	0.00000217	0.000176	0.000702	0.00168	0.0000677
2069 Apr	215	0.0702	0.117	0.003	30.3	0.0428	50.1	0.00099	0.000937	0.00000487	0.00631	0.00133	0.0414	0.0204	0.00000501	25.7	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.94	0.0538	0.000675	14	0.00469	0.0375	0.000334	0.000299	0.000144	0.139	0.00000217	0.000176	0.000702	0.00168	0.0000677
2069 May	215	0.0702	0.117	0.003	30.4	0.0428	50.2	0.000991	0.000938	0.00000487	0.00631	0.00133	0.0414	0.0205	0.00000501	25.7	0.0000216	0.000334	0.000319	0.00129	0.0564	0.0000098	1.82	6.95	0.0539	0.000676	14	0.0047	0.0376	0.000335	0.0003	0.000144	0.139	0.00000217	0.000176	0.000703	0.00168	0.0000678
2069 Jun	211	0.0693	0.114	0.00295	29.9	0.042	48.5	0.000993	0.000938	0.00000487	0.00629	0.00132	0.0401	0.0204	0.000005	25.3	0.0000214	0.000333	0.000316	0.00128	0.0563	0.00000972	1.8	6.74	0.0532	0.000657	13.8	0.00456	0.0376	0.000333	0.000294	0.000141	0.137	0.00000216	0.000173	0.000697	0.00167	0.0000676
2069 Jul	211	0.0691	0.114	0.00295	29.8	0.0421	48.5	0.000995	0.00094	0.00000488	0.00631	0.00132	0.0402	0.0204	0.00000501	25.3	0.0000214	0.000334	0.000316	0.00128	0.0563	0.00000974	1.8	6.75	0.0532	0.000658	13.7	0.00457	0.0377	0.000333	0.000295	0.000141	0.137	0.00000216	0.000173	0.000698	0.00168	0.0000678
2069 Aug	213	0.0693	0.114	0.00296	29.9	0.0424	49.2	0.000996	0.000941	0.00000488	0.00632	0.00133	0.0407	0.0204	0.00000502	25.5	0.0000216	0.000335	0.000318	0.00128	0.0564	0.00000979	1.81	6.83	0.0535	0.000666	13.8	0.00463	0.0377	0.000333	0.000297	0.000143	0.138	0.00000217	0.000175	0.0007	0.00168	0.0000678
2069 Sep	214	0.0692	0.114	0.00295	29.8	0.0426	49.7	0.000995	0.000939	0.00000487	0.00632	0.00133	0.0411	0.0204	0.00000501	25.5	0.0000216	0.000335	0.000317	0.00129	0.0563	0.00000981	1.81	6.88	0.0535	0.000671	13.7	0.00466	0.0377	0.000332	0.000299	0.000143	0.138	0.00000216	0.000176	0.0007	0.00168	0.0000677
2069 Oct	212	0.0689	0.112	0.00293	29.5	0.0425	49.3	0.000993	0.000937	0.00000486	0.00631	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000668	13.6	0.00463	0.0376	0.000329	0.000297	0.000142	0.137	0.00000215	0.000175	0.000695	0.00167	0.0000675
2069 Nov	212	0.0689	0.112	0.00293	29.5	0.0425	49.3	0.000993	0.000937	0.00000486	0.00631	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000668	13.6	0.00463	0.0376	0.000329	0.000296	0.000142	0.137	0.00000215	0.000175	0.000695	0.00167	0.0000674
2069 Dec	212	0.0689	0.112	0.00293	29.5	0.0425	49.4	0.000993	0.000937	0.00000486	0.00631	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000668	13.5	0.00463	0.0376	0.000329	0.000297	0.000142	0.137	0.00000215	0.000175	0.000694	0.00167	0.0000674
2070 Jan	212	0.0689	0.112	0.00293	29.5	0.0425	49.4	0.000993	0.000937	0.00000486	0.00631	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000668	13.5	0.00463	0.0376	0.000329	0.000297	0.000142	0.137	0.00000215	0.000175	0.000694	0.00167	0.0000674
2070 Feb	212	0.0689	0.112	0.00293	29.5	0.0425	49.4	0.000993	0.000937	0.00000486	0.00631	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000668	13.5	0.00463	0.0376	0.000329	0.000296	0.000142	0.137	0.00000215	0.000175	0.000694	0.00167	0.0000674
2070 Mar	212	0.0689	0.112	0.00293	29.5	0.0425	49.4	0.000994	0.000937	0.00000486	0.00631	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000668	13.5	0.00463	0.0376	0.000329	0.000296	0.000142	0.137	0.00000215	0.000175	0.000694	0.00167	0.0000674
2070 Apr	212	0.0689	0.112	0.00293	29.5	0.0425	49.4	0.000994	0.000937	0.00000486	0.00632	0.00132	0.0408	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.056	0.00000978	1.81	6.83	0.053	0.000669	13.6	0.00463	0.0376	0.000329	0.000297	0.000142	0.137	0.00000215	0.000175	0.000695	0.00167	0.0000675
2070 May	211	0.0689	0.112	0.00292	29.5	0.0424	49.1	0.000995	0.000938	0.00000487	0.00632	0.00132	0.0406	0.0203	0.000005	25.4	0.0000215	0.000335	0.000315	0.00128	0.0561	0.00000977	1.81	6.8	0.053	0.000666	13.5	0.00461	0.0377	0.000329	0.000296	0.000142	0.137	0.00000215	0.000175	0.000695	0.00167	0.0000675
2070 Jun	206	0.0685	0.108	0.00286	29	0.0414	46.8	0.000998	0.000937	0.00000486	0.00629	0.00132	0.0389	0.0204	0.00000499	25	0.0000211	0.000334	0.000314	0.00126	0.0563	0.00000965	1.79	6.55	0.0526	0.000644	13.2	0.00443	0.0378	0.000332	0.000287	0.000139	0.136	0.00000214	0.00017	0.00069	0.00166	0.0000673
2070 Jul	207	0.0686	0.109	0.00287	29.1	0.0417	47.3	0.001	0.000939	0.00000487	0.00631	0.00132	0.0393	0.0204	0.000005	25.1	0.0000212	0.000336	0.000315	0.00127	0.0564	0.00000969	1.8	6.61	0.0529	0.000649	13.3	0.00447	0.0378	0.000333	0.000289	0.000139	0.136	0.00000214	0.000172	0.000692	0.00166	0.0000674
2070 Aug	208	0.0688	0.109	0.00288	29.1	0.042	47.9	0.001	0.00094	0.00000488	0.00632	0.00133	0.0397	0.0205	0.00000501	25.2	0.0000213	0.000337	0.000316	0.00127	0.0565	0.00000973	1.81	6.68	0.0531	0.000656	13.3	0.00452	0.0379	0.000333	0.000292	0.00014	0.137	0.00000215	0.000173	0.000695	0.00167	0.0000675
2070 Sep	210	0.0688	0.109	0.00288	29.1	0.0423	48.5	0.001	0.000939	0.00000487	0.00633	0.00133	0.0402	0.0205	0.00000501	25.4	0.0000214	0.000338	0.000317	0.00128	0.0565	0.00000976	1.81	6.74	0.0532	0.000663	13.3	0.00457	0.0379	0.000332	0.000294	0.000141	0.137	0.00000215	0.000175	0.000696	0.00167	0.0000674
2070 Oct	210	0.0688	0.109	0.00287	29	0.0423	48.7	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0403	0.0204	0.000005	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.76	0.0532	0.000664	13.2	0.00458	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000673
2070 Nov	210	0.0688	0.109	0.00287	29	0.0424	48.8	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0404	0.0204	0.000005	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.77	0.0532	0.000666	13.2	0.00458	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000672
2070 Dec	210	0.0688	0.109	0.00287	29	0.0424	48.8	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0404	0.0204	0.00000501	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.77	0.0532	0.000666	13.2	0.00459	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000672
2071 Jan	210	0.0688	0.109	0.00287	29	0.0424	48.8	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0404	0.0204	0.00000501	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.77	0.0532	0.000666	13.2	0.00459	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000672
2071 Feb	210	0.0688	0.109	0.00287	29	0.0424	48.8	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0404	0.0204	0.00000501	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.77	0.0532	0.000666	13.2	0.00459	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000672
2071 Mar	210	0.0688	0.109	0.00287	29	0.0424	48.8	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0404	0.0204	0.00000501	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.77	0.0532	0.000666	13.2	0.00459	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000672
2071 Apr	210	0.0688	0.109	0.00287	29	0.0424	48.8	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0404	0.0204	0.00000501	25.4	0.0000214	0.000338	0.000316	0.00128	0.0564	0.00000977	1.81	6.77	0.0532	0.000666	13.2	0.00459	0.0378	0.000332	0.000294	0.000142	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000673
2071 May	209	0.0688	0.108	0.00287	29	0.0423	48.6	0.000999	0.000938	0.00000487	0.00633	0.00133	0.0402	0.0205	0.000005	25.4	0.0000214	0.000338	0.000317	0.00128	0.0564	0.00000976	1.81	6.75	0.0532	0.000664	13.2	0.00457	0.0379	0.000332	0.000293	0.000141	0.137	0.00000214	0.000175	0.000695	0.00167	0.0000672
2071 Jun	203	0.0683	0.105	0.00281	28.5	0.0412	45.9	0.001	0.000937	0.00000486	0.00628	0.00132	0.0382	0.0205	0.00000498	24.9	0.000021	0.000338	0.000315	0.00125	0.0567	0.0000096	1.8	6.46	0.0528	0.000638	12.9	0.00436	0.0379	0.000335	0.000284	0.000138	0.136	0.00000212	0.00017	0.000689	0.00165	0.000067
2071 Jul	203	0.0683	0.104	0.00281	28.4	0.0411	45.8	0.001	0.000938	0.00000487	0.00629	0.00132	0.0382	0.0206	0.00000499	24.9	0.000021	0.000339	0.000316	0.00125	0.0567	0.0000096	1.8	6.44	0.0528	0.000637	12.9	0.00435	0.038	0.000336	0.000283	0.000138	0.136	0.00000212	0.00017	0.00069	0.00165	0.0000672
2071 Aug	204	0.0685	0.105	0.00282	28.5	0.0413	46.2	0.00101	0.000939	0.00000488	0.0063	0.00133	0.0384	0.0206	0.000005	25	0.0000211	0.00034	0.000316	0.00126	0.0568	0.00000964	1.8	6.49	0.053	0.000642	12.9	0.00438	0.038	0.000336	0.000285	0.000138	0.136	0.00000213	0.000171	0.000692	0.00165	0.0000673
2071 Sep	206	0.0685	0.105	0.00282	28.5	0.0416	46.8	0.001	0.000938	0.00000487	0.00631	0.00133	0.0389	0.0206	0.000005	25.1	0.0000212	0.00034	0.000317	0.00127	0.0568	0.00000967	1.81	6.56	0.0531	0.000648	12.9	0.00443	0.038	0.000335	0.000287	0.000139	0.137	0.00000213	0.000172	0.000693	0.00165	0.0000672
2071 Oct	206	0.0685	0.105	0.00282	28.5	0.0417	47.1	0.001	0.000937	0.00000487	0.00631	0.00133	0.0391	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000968	1.81	6.58	0.0531	0.000651	12.9	0.00445	0.038	0.000335	0.000288	0.00014	0.137	0.00000213	0.000173	0.000693	0.00165	0.0000671
2071 Nov	206	0.0685	0.105	0.00282	28.5	0.0418	47.2	0.001	0.000937	0.00000486	0.00631	0.00133	0.0392	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000969	1.81	6.6	0.0531	0.000653	12.9	0.00446	0.038	0.000335	0.000288	0.00014	0.137	0.00000212	0.000173	0.000693	0.00165	0.0000671
2071 Dec	206	0.0685	0.105	0.00282	28.4	0.0418	47.3	0.001	0.000937	0.00000486	0.00631	0.00133	0.0392	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000969	1.81	6.6	0.0531	0.000653	12.9	0.00446	0.038	0.000335	0.000288	0.00014	0.137	0.00000212	0.000173	0.000693	0.00165	0.0000671
2072 Jan	206	0.0685	0.105	0.00282	28.4	0.0418	47.3	0.001	0.000937	0.00000486	0.00631	0.00133	0.0392	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000969	1.81	6.6	0.0531	0.000653	12.9	0.00446	0.038	0.000335	0.000288	0.00014	0.137	0.00000212	0.000173	0.000693	0.00165	0.0000671
2072 Feb	206	0.0685	0.105	0.00282	28.4	0.0418	47.3	0.001	0.000937	0.00000486	0.00631	0.00133	0.0392	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000969	1.81	6.6	0.0531	0.000653	12.9	0.00446	0.038	0.000335	0.000288	0.00014	0.137	0.00000212	0.000173	0.000693	0.00165	0.0000671
2072 Mar	206	0.0685	0.105	0.00282	28.4	0.0418	47.3	0.001	0.000937	0.00000486	0.00631	0.00133	0.0392	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000969	1.81	6.6	0.0531	0.000653	12.9	0.00446	0.038	0.000335	0.000288	0.00014	0.137	0.00000212	0.000173	0.000693	0.00165	0.0000671
2072 Apr	206	0.0685	0.105	0.00282	28.5	0.0418	47.3	0.001	0.000937	0.00000486	0.00631	0.00133	0.0392	0.0206	0.00000499	25.2	0.0000212	0.000341	0.000317	0.00127	0.0567	0.00000969	1.81	6.6	0.0531	0.000653	12.9	0.00446	0.038	0.000335	0.000288	0.00014	0.137	0.00000213	0.000173	0.000693	0.00165	0.0000671
2072 May	207	0.0685	0.105	0.00282	28.5	0.0418	47.3	0.001	0.000938	0.00000487	0.00632	0.00133	0.0393	0.0206	0.000005	25.2	0.0000212	0.000341	0.000317	0.00127	0.0568	0.0000097	1.81	6.61	0.0532	0.000654	12.9	0.00447	0.038	0.000335	0.000288	0.00014	0.137	0.00000213	0.000174	0.000694	0.00165	0.0000671
2072 Jun	203	0.0679	0.103	0.00279	28.2	0.0413	46	0.00101	0.000938	0.00000487	0.00631	0.00133	0.0383	0.0205	0.00000499	24.9	0.0000211	0.00034	0.000314	0.00126	0.0565	0.00000963	1.8	6.45	0.0525	0.00064	12.7	0.00436	0.038	0.000333	0.000284	0.000138	0.135	0.00000212	0.000171	0.000688	0.00165	0.0000669
2072 Jul	203	0.0679	0.103	0.00279	28.1	0.0413	46	0.00101	0.000939	0.00000488	0.00632	0.00133	0.0383	0.0205	0.000005	24.9	0.0000211	0.000341	0.000314	0.00126	0.0565	0.00000965	1.8	6.45	0.0525	0.000641	12.7	0.00437	0.0381	0.000332	0.000284	0.000138	0.135	0.00000212	0.000171	0.000687	0.00165	0.000067
2072 Aug	203	0.0677	0.102	0.00278	28	0.0413	45.8	0.00101	0.00094	0.00000488	0.00631	0.00133	0.0382	0.0204	0.000005	24.8	0.000021	0.000341	0.000312	0.00125	0.0564	0.00000964	1.8	6.42	0.0522	0.00064	12.6	0.00435	0.0381	0.00033	0.000283	0.000137	0.135	0.00000212	0.000171	0.000684	0.00165	0.0000668
2072 Sep	202	0.0675	0.102	0.00277	27.8	0.0413	45.7	0.00101	0.000939	0.00000487	0.00631	0.00132	0.0381	0.0204	0.000005	24.7	0.000021	0.000341	0.000311	0.00125	0.0562	0.00000963	1.79	6.4	0.052	0.00064	12.5	0.00434	0.038	0.000328	0.000282	0.000137	0.135	0.00000212	0.000171	0.000681	0.00165	0.0000667
2072 Oct	201	0.0672	0.101	0.00276	27.6	0.0411	45.3	0.00101	0.000938	0.00000487	0.00629	0.00132	0.0378	0.0203	0.00000499	24.6	0.0000208	0.00034	0.000308	0.00124	0.0559	0.0000096	1.79	6.34	0.0515	0.000636	12.4	0.0043	0.0379	0.000324	0.00028	0.000136	0.134	0.00000211	0.00017	0.000675	0.00164	0.0000666
2072 Nov	201	0.0672	0.1	0.00275	27.6	0.0412	45.3	0.00101	0.000937	0.00000486	0.00629	0.00132	0.0379	0.0202	0.00000499	24.6	0.0000208	0.00034	0.000308	0.00124	0.0558	0.0000096	1.79	6.35	0.0514	0.000637	12.4	0.00431	0.0379	0.000324	0.00028	0.000136	0.134	0.00000211	0.00017	0.000674	0.00164	0.0000666
2072 Dec	201	0.0672	0.1	0.00275	27.6	0.0412	45.4	0.00101	0.000937	0.00000486	0.00629	0.00132	0.0379	0.0202	0.00000499	24.6	0.0000208	0.00034	0.000308	0.00125	0.0558	0.0000096	1.79	6.35	0.0514	0.000638	12.4	0.00431	0.0379	0.000324	0.00028	0.000136	0.134	0.00000211	0.000171	0.000675	0.00164	0.0000666
2073 Jan	201	0.0672	0.1	0.00275	27.6	0.0412	45.4	0.00101	0.000937	0.00000486	0.00629	0.00132	0.038	0.0202	0.00000499	24.6	0.0000208	0.00034	0.000308	0.00125	0.0558	0.0000096	1.79	6.35	0.0514	0.000638	12.4	0.00431	0.0379	0.000324	0.00028	0.000136	0.134	0.00000211	0.000171	0.000675	0.00164	0.0000666
2073 Feb	201	0.0672	0.1	0.00275	27.6	0.0412	45.4	0.00101	0.000937	0.00000486	0.00629	0.00132	0.038	0.0202	0.00000499	24.6	0.0000208	0.00034	0.000308	0.00125	0.0558	0.0000096	1.79	6.35	0.0514	0.000638	12.4	0.00431	0.0379	0.000324	0.00028	0.000136	0.134	0.00000211	0.000171	0.000675	0.00164	0.0000666
2073 Mar	201	0.0672	0.1	0.00275	27.6	0.0412	45.4	0.00101	0.000937

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.00000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.000957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
2077 Feb	198	0.0656	0.0918	0.00263	26.1	0.0422	47.4	0.00103	0.000937	0.00000487	0.00634	0.00138	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.000321	0.00128	0.0573	0.00000978	1.86	6.64	0.0539	0.000669	11.5	0.0045	0.0383	0.000339	0.000289	0.000143	0.139	0.00000209	0.000184	0.000696	0.00165	0.000065
2077 Mar	198	0.0656	0.0918	0.00263	26.1	0.0422	47.4	0.00103	0.000937	0.00000487	0.00634	0.00138	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.000321	0.00128	0.0573	0.00000978	1.86	6.64	0.0539	0.000669	11.5	0.0045	0.0383	0.000339	0.000289	0.000143	0.139	0.00000209	0.000184	0.000696	0.00165	0.000065
2077 Apr	198	0.0657	0.0919	0.00263	26.1	0.0423	47.5	0.00103	0.000937	0.00000487	0.00634	0.00138	0.0399	0.0209	0.00000501	25.5	0.0000212	0.000372	0.000321	0.00128	0.0573	0.00000978	1.86	6.65	0.054	0.000669	11.5	0.0045	0.0383	0.000339	0.000289	0.000143	0.139	0.00000209	0.000184	0.000696	0.00165	0.000065
2077 May	198	0.0657	0.0917	0.00263	26.1	0.0422	47.3	0.00104	0.000937	0.00000487	0.00634	0.00138	0.0397	0.0209	0.00000501	25.5	0.0000212	0.000372	0.000321	0.00128	0.0574	0.00000978	1.86	6.63	0.054	0.000667	11.5	0.00448	0.0383	0.00034	0.000288	0.000143	0.139	0.00000209	0.000184	0.000697	0.00165	0.000065
2077 Jun	193	0.0654	0.0903	0.0026	25.8	0.0413	45.4	0.00104	0.000936	0.00000486	0.0063	0.00138	0.0384	0.0211	0.000005	25.3	0.0000209	0.000375	0.000322	0.00126	0.0578	0.00000967	1.86	6.44	0.0541	0.000649	11.3	0.00434	0.0384	0.000345	0.000283	0.00014	0.138	0.00000208	0.00018	0.000697	0.00164	0.0000644
2077 Jul	194	0.0655	0.0905	0.00261	25.9	0.0415	45.8	0.00104	0.000938	0.00000487	0.00632	0.00138	0.0387	0.0211	0.00000501	25.4	0.000021	0.000376	0.000323	0.00127	0.0579	0.00000971	1.86	6.48	0.0543	0.000653	11.3	0.00437	0.0385	0.000346	0.000284	0.000141	0.139	0.00000208	0.000181	0.0007	0.00164	0.0000645
2077 Aug	196	0.0656	0.0908	0.00262	25.9	0.0417	46.3	0.00104	0.00094	0.00000488	0.00634	0.00139	0.039	0.0212	0.00000502	25.5	0.0000211	0.000377	0.000324	0.00127	0.058	0.00000975	1.87	6.53	0.0545	0.000658	11.4	0.00441	0.0385	0.000347	0.000286	0.000142	0.139	0.00000209	0.000183	0.000702	0.00165	0.0000646
2077 Sep	197	0.0656	0.0908	0.00262	25.9	0.042	46.9	0.00104	0.000938	0.00000487	0.00634	0.00139	0.0395	0.0211	0.00000501	25.6	0.0000212	0.000378	0.000324	0.00128	0.0579	0.00000977	1.87	6.6	0.0546	0.000665	11.3	0.00446	0.0385	0.000346	0.000288	0.000143	0.14	0.00000208	0.000184	0.000702	0.00165	0.0000644
2077 Oct	198	0.0656	0.0907	0.00262	25.9	0.0422	47.4	0.00104	0.000937	0.00000487	0.00634	0.00139	0.0398	0.0211	0.00000501	25.7	0.0000212	0.000378	0.000325	0.00128	0.0579	0.0000098	1.87	6.65	0.0547	0.00067	11.3	0.00449	0.0384	0.000345	0.000289	0.000143	0.14	0.00000208	0.000185	0.000703	0.00165	0.0000643
2077 Nov	198	0.0656	0.0907	0.00262	25.8	0.0422	47.5	0.00104	0.000937	0.00000487	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000379	0.000325	0.00128	0.0579	0.00000981	1.88	6.67	0.0547	0.000671	11.3	0.0045	0.0385	0.000345	0.00029	0.000144	0.14	0.00000208	0.000186	0.000704	0.00165	0.0000643
2077 Dec	198	0.0656	0.0907	0.00262	25.8	0.0422	47.5	0.00104	0.000937	0.00000487	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000379	0.000325	0.00128	0.0579	0.00000981	1.88	6.67	0.0547	0.000671	11.3	0.00451	0.0385	0.000345	0.00029	0.000144	0.14	0.00000208	0.000186	0.000704	0.00165	0.0000643
2078 Jan	198	0.0656	0.0907	0.00262	25.8	0.0422	47.5	0.00104	0.000937	0.00000487	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000379	0.000325	0.00128	0.0579	0.00000981	1.88	6.67	0.0547	0.000671	11.3	0.00451	0.0385	0.000345	0.00029	0.000144	0.14	0.00000208	0.000186	0.000704	0.00165	0.0000643
2078 Feb	198	0.0656	0.0907	0.00262	25.8	0.0422	47.5	0.00104	0.000937	0.00000487	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000379	0.000325	0.00128	0.0579	0.00000981	1.88	6.67	0.0547	0.000671	11.3	0.00451	0.0385	0.000345	0.00029	0.000144	0.14	0.00000208	0.000186	0.000704	0.00165	0.0000643
2078 Mar	198	0.0656	0.0907	0.00262	25.8	0.0422	47.5	0.00104	0.000937	0.00000487	0.00635	0.00139	0.0399	0.0211	0.00000501	25.7	0.0000213	0.000379	0.000325	0.00128	0.0579	0.00000981	1.88	6.67	0.0547	0.000671	11.3	0.00451	0.0385	0.000345	0.00029	0.000144	0.14	0.00000208	0.000186	0.000704	0.00165	0.0000643
2078 Apr	198	0.0656	0.0908	0.00262	25.9	0.0423	47.6	0.00104	0.000937	0.00000487	0.00635	0.00139	0.04	0.0211	0.00000501	25.7	0.0000213	0.000379	0.000325	0.00128	0.0579	0.00000981	1.88	6.67	0.0548	0.000672	11.3	0.00451	0.0385	0.000346	0.00029	0.000144	0.14	0.00000208	0.000186	0.000704	0.00165	0.0000643
2078 May	196	0.0656	0.09	0.0026	25.8	0.042	46.9	0.00104	0.000938	0.00000487	0.00635	0.0014	0.0395	0.0213	0.00000501	25.7	0.0000212	0.000381	0.000327	0.00128	0.0583	0.00000979	1.88	6.62	0.0551	0.000666	11.3	0.00447	0.0386	0.00035	0.000289	0.000143	0.14	0.00000208	0.000185	0.000707	0.00165	0.00006
2078 Jun	191	0.0656	0.0888	0.00258	25.6	0.041	44.9	0.00105	0.000937	0.00000486	0.00631	0.0014	0.038	0.0215	0.000005	25.5	0.0000209	0.000385	0.000329	0.00127	0.0589	0.00000967	1.88	6.41	0.0554	0.000646	11.1	0.00431	0.0387	0.000358	0.000282	0.000141	0.14	0.00000207	0.000182	0.000709	0.00164	0.0000635
2078 Jul	192	0.0657	0.0891	0.00259	25.6	0.0412	45.2	0.00105	0.000939	0.00000488	0.00632	0.00141	0.0383	0.0216	0.00000501	25.6	0.000021	0.000386	0.00033	0.00127	0.059	0.0000097	1.88	6.45	0.0556	0.000649	11.2	0.00433	0.0388	0.000359	0.000283	0.000142	0.14	0.00000208	0.000183	0.000711	0.00164	0.0000637
2078 Aug	194	0.0658	0.0893	0.0026	25.7	0.0415	45.9	0.00105	0.00094	0.00000488	0.00634	0.00141	0.0387	0.0216	0.00000502	25.8	0.0000211	0.000387	0.000331	0.00128	0.0591	0.00000975	1.89	6.52	0.0558	0.000656	11.2	0.00439	0.0388	0.000359	0.000286	0.000143	0.141	0.00000208	0.000184	0.000713	0.00165	0.0000637
2078 Sep	196	0.0658	0.0895	0.0026	25.7	0.0419	46.7	0.00105	0.000939	0.00000488	0.00635	0.00141	0.0394	0.0216	0.00000502	25.9	0.0000212	0.000389	0.000332	0.00129	0.0591	0.00000979	1.9	6.62	0.056	0.000665	11.2	0.00445	0.0388	0.000359	0.000288	0.000144	0.142	0.00000208	0.000186	0.000716	0.00165	0.0000637
2078 Oct	197	0.0658	0.0895	0.0026	25.7	0.0422	47.6	0.00105	0.000938	0.00000487	0.00636	0.00142	0.04	0.0216	0.00000502	26.1	0.0000213	0.00039	0.000333	0.00129	0.059	0.00000984	1.9	6.71	0.0562	0.000674	11.2	0.00452	0.0387	0.000358	0.000291	0.000145	0.142	0.00000208	0.000188	0.000718	0.00165	0.0000636
2078 Nov	197	0.0658	0.0895	0.0026	25.7	0.0423	47.8	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.059	0.00000985	1.9	6.74	0.0563	0.000676	11.2	0.00454	0.0387	0.000358	0.000292	0.000146	0.142	0.00000208	0.000189	0.000718	0.00165	0.0000636
2078 Dec	197	0.0658	0.0895	0.0026	25.7	0.0423	47.8	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.059	0.00000985	1.9	6.74	0.0563	0.000677	11.2	0.00454	0.0387	0.000358	0.000292	0.000146	0.142	0.00000208	0.000189	0.000718	0.00165	0.0000636
2079 Jan	197	0.0658	0.0895	0.0026	25.7	0.0423	47.9	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.059	0.00000985	1.91	6.75	0.0563	0.000677	11.2	0.00454	0.0387	0.000358	0.000292	0.000146	0.142	0.00000208	0.000189	0.000718	0.00165	0.0000635
2079 Feb	197	0.0658	0.0895	0.0026	25.7	0.0424	47.9	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0402	0.0216	0.00000502	26.1	0.0000214	0.00039	0.000333	0.0013	0.059	0.00000986	1.91	6.75	0.0563	0.000677	11.2	0.00454	0.0387	0.000358	0.000292	0.000146	0.142	0.00000208	0.000189	0.000718	0.00165	0.0000635
2079 Mar	197	0.0658	0.0895	0.0026	25.7	0.0424	47.9	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0403	0.0216	0.00000502	26.2	0.0000214	0.00039	0.000333	0.0013	0.059	0.00000986	1.91	6.75	0.0563	0.000677	11.2	0.00454	0.0387	0.000358	0.000292	0.000146	0.142	0.00000208	0.000189	0.000718	0.00165	0.0000635
2079 Apr	197	0.0658	0.0895	0.0026	25.7	0.0424	47.9	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0403	0.0216	0.00000502	26.2	0.0000214	0.00039	0.000333	0.0013	0.0591	0.00000986	1.91	6.75	0.0563	0.000677	11.2	0.00455	0.0387	0.000358	0.000292	0.000146	0.142	0.00000208	0.000189	0.000718	0.00165	0.0000636
2079 May	198	0.0659	0.0896	0.0026	25.7	0.0424	47.9	0.00105	0.000939	0.00000488	0.00637	0.00142	0.0403	0.0216	0.00000503	26.2	0.0000214	0.00039	0.000333	0.0013	0.0591	0.00000987	1.91	6.76	0.0564	0.000678	11.2	0.00455	0.0388	0.000358	0.000293	0.000146	0.143	0.00000208	0.000189	0.000719	0.00166	0.0000636
2079 Jun	192	0.0651	0.0882	0.00258	25.3	0.0413	45.7	0.00105	0.000939	0.00000487	0.00634	0.00141	0.0387	0.0216	0.00000501	25.7	0.0000212	0.000391	0.00033	0.00127	0.0591	0.00000975	1.89	6.5	0.0557	0.000654	11	0.00437	0.0388	0.000359	0.000286	0.000143	0.141	0.00000208	0.000185	0.000714	0.00165	0.00006
2079 Jul	192	0.065	0.0881	0.00258	25.3	0.0412	45.4	0.00105	0.000938	0.00000488	0.00634	0.00141	0.0385	0.0215	0.00000502	25.6	0.0000211	0.000392	0.00033	0.00127	0.059	0.00000974	1.89	6.46	0.0556	0.000652	11	0.00435	0.0388	0.000358	0.000286	0.000142	0.14	0.00000208	0.000185	0.000713	0.00165	0.0000629
2079 Aug	193	0.0651	0.0884	0.00259	25.3	0.0415	46	0.00106	0.000941	0.00000488	0.00636	0.00142	0.0389	0.0216	0.00000503	25.8	0.0000212	0.000393	0.000331	0.00128	0.0591	0.00000978	1.9	6.53	0.0559	0.000658	11	0.0044	0.0389	0.000359	0.000288	0.000143	0.141	0.00000208	0.000186	0.000716	0.00165	0.00006
2079 Sep	195	0.0651	0.0884	0.00259	25.3	0.0418	46.7	0.00105	0.000939	0.00000488	0.00636	0.00142	0.0394	0.0216	0.00000503	25.9	0.0000213	0.000394	0.000331	0.00128	0.0591	0.00000982	1.9	6.6	0.056	0.000665	11	0.00445	0.0388	0.000358	0.00029	0.000144	0.141	0.00000208	0.000188	0.000717	0.00166	0.0000629
2079 Oct	196	0.0651	0.0884	0.00259	25.3	0.0419	47.1	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0397	0.0215	0.00000502	26	0.0000214	0.000395	0.000332	0.00129	0.059	0.00000984	1.9	6.65	0.056	0.00067	11	0.00448	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000717	0.00166	0.0000628
2079 Nov	195	0.0651	0.0883	0.00259	25.3	0.042	47.2	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0398	0.0215	0.00000502	26	0.0000214	0.000395	0.000331	0.00129	0.059	0.00000984	1.9	6.66	0.056	0.00067	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000717	0.00166	0.0000628
2079 Dec	195	0.0651	0.0883	0.00258	25.3	0.042	47.1	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.0589	0.00000984	1.9	6.65	0.056	0.00067	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000716	0.00166	0.0000627
2080 Jan	195	0.0651	0.0883	0.00258	25.3	0.042	47.1	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.0589	0.00000984	1.9	6.65	0.056	0.00067	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000716	0.00166	0.0000627
2080 Feb	195	0.0651	0.0883	0.00258	25.3	0.042	47.1	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.0589	0.00000984	1.9	6.65	0.056	0.00067	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000716	0.00166	0.0000627
2080 Mar	195	0.0651	0.0883	0.00259	25.3	0.042	47.1	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.0589	0.00000984	1.9	6.65	0.056	0.00067	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000716	0.00166	0.0000627
2080 Apr	195	0.0651	0.0883	0.00259	25.3	0.042	47.1	0.00105	0.000938	0.00000487	0.00636	0.00142	0.0398	0.0215	0.00000502	25.9	0.0000214	0.000395	0.000331	0.00129	0.0589	0.00000984	1.9	6.65	0.056	0.00067	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000716	0.00166	0.0000627
2080 May	195	0.0651	0.0883	0.00259	25.3	0.042	47.2	0.00105	0.000939	0.00000488	0.00637	0.00142	0.0398	0.0215	0.00000503	26	0.0000214	0.000395	0.000331	0.00129	0.059	0.00000985	1.91	6.66	0.056	0.000671	11	0.00449	0.0388	0.000357	0.000291	0.000145	0.142	0.00000208	0.000189	0.000717	0.00166	0.0000628
2080 Jun	192	0.0646	0.0877	0.00258	25	0.0414	45.8	0.00106	0.000939	0.00000488	0.00636	0.00141	0.0389	0.0214	0.00000502	25.6	0.0000212	0.000395	0.000327	0.00127	0.0586	0.00000977	1.89	6.49	0.0552	0.000657	10.9	0.00438	0.0388	0.000353	0.000287	0.000143	0.14	0.00000207	0.000187	0.00071	0.00165	0.0000625
2080 Jul	191	0.0644	0.0875	0.00258	24.9	0.0412	45.3	0.00106	0.000939	0.00000488	0.00636	0.00141	0.0385	0.0213	0.00000502	25.4	0.0000212	0.000395	0.000325	0.00127	0.0584	0.00000975	1.89	6.42	0.0548	0.000652	10.8	0.00434	0.0387	0.000351	0.000286	0.000142	0.139	0.00000207	0.000186	0.000706	0.00165	0.0000624
2080 Aug	193	0.0645	0.0877	0.00258	25	0.0414	45.8	0.00106	0.00094	0.00000488	0.00637	0.00142	0.0388	0.0213	0.00000503	25.5	0.0000212	0.000396	0.000326	0.00127	0.0585	0.00000978	1.89	6.47	0.055	0.000657	10.8	0.00438	0.0388	0.000351	0.000287	0.000143	0.14	0.00000208	0.000187	0.000708	0.00166	0.0000624
2080 Sep	194	0.0644	0.0878	0.00259	25	0.0416	46.3	0.00106	0.000939	0.00000488	0.00637	0.00142	0.0392	0.0213	0.00000503	25.6	0.0000213	0.000396	0.000326	0.00128	0.0584	0.00000981	1.9	6.52	0.055	0.000662	10.8	0.00441	0.0388	0.00035	0.000289	0.000143	0.14	0.00000208	0.000188	0.000708	0.00166	0.0000624
2080 Oct	195	0.0644	0.0878	0.00259	24.9	0.0418	46.8	0.00106	0.000938	0.00000488	0.00638	0.00142	0.0396	0.0213	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583	0.00000983	1.9	6.58	0.0551	0.000668	10.8	0.00445	0.0387	0.000349	0.00029	0.000144	0.14	0.00000208	0.00019	0.000709	0.00166	0.0000623
2080 Nov	195	0.0644	0.0877	0.00259	24.9	0.0419	47	0.00106	0.000938	0.00000487	0.00638	0.00142	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583	0.00000984	1.9	6.6	0.0551	0.00067	10.8	0.00447	0.0387	0.000349	0.000291	0.000144	0.141	0.00000207	0.00019	0.000709	0.00166	0.0000623
2080 Dec	195	0.0644	0.0877	0.00259	24.9	0.042	47.1	0.00106	0.000938	0.00000487	0.00638	0.00142	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583	0.00000985	1.9	6.61	0.0551	0.000671	10.8	0.00448	0.0387	0.000349	0.000291	0.000144	0.141	0.00000207	0.00019	0.000709	0.00166	0.0000622
2081 Jan	195	0.0644	0.0877	0.00259	24.9	0.042	47.1	0.00106	0.000938	0.00000487	0.00638	0.00142	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583	0.00000985	1.9	6.61	0.0551	0.000671	10.8	0.00448	0.0387	0.000349	0.000291	0.000144	0.141	0.00000207	0.00019	0.000709	0.00166	0.0000622
2081 Feb	195	0.0644	0.0877	0.00259	24.9	0.042	47.1	0.00106	0.000938	0.00000487	0.00638	0.00142	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583	0.00000985	1.9	6.61	0.0551	0.000671	10.8	0.00448	0.0387	0.000349	0.000291	0.000144	0.141	0.00000207	0.00019	0.000709	0.00166	0.0000622
2081 Mar	195	0.0644	0.0877	0.00259	24.9	0.042	47.1	0.00106	0.000938	0.00000487	0.00638	0.00142	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000397	0.000326	0.00128	0.0583	0.00000985	1.9	6.61	0.0551	0.000671	10.8	0.00448	0.0387	0.000349	0.000291	0.000144	0.141	0.00000207	0.00019	0.000709	0.00166	0.0000622
2081 Apr	195	0.0644	0.0877	0.00259	24.9	0.042	47.1	0.00106	0.000938	0.00000487	0.00638	0.00142	0.0398	0.0212	0.00000502	25.7	0.0000214	0.000398	0.000326	0.00128	0.0583	0.00000985	1.9	6.61	0.0552	0.000671	10.8	0.00448	0.0387	0.000349	0.000291	0.000144	0.141	0.00000208	0.00019	0.000709	0.00166	0.0000623
2081 May	193	0.0643	0.0875	0.00258	24.9	0.0417	46.5	0.00106	0.000939	0.00000488	0.00637	0.00142	0.0394	0.0213	0.00000502	25.6	0.0000213	0.000398	0.000326	0.00128	0.0584	0.00000982	1.9	6.54	0.055	0.000665	10.8	0.00443	0.0388	0.000349	0.000289	0.000144	0.14	0.00000207	0.000189	0.000708	0.00166	0.0000621
2081 Jun	190	0.064	0.087	0.00257	24.7	0.041	44.9	0.00106	0.000938	0.00000487	0.00635	0.00142	0.0383	0.0213	0.00000501	25.3	0.0000211	0.000399	0.000324	0.00126	0.0583	0.00000973	1.89	6.36	0.0547	0.00065	10.7	0.00431	0.0387	0.00035	0.000285	0.000141	0.139	0.00000207	0.000187	0.000704	0.

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.0000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.000957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	-	-	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	-	-	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	-
2085 Jun	189	0.0627	0.0859	0.00259	23.7	0.0418	46.5	0.00109	0.000938	0.00000488	0.00641	0.00146	0.0399	0.0211	0.00000504	25.5	0.0000215	0.000429	0.000321	0.00127	0.0579	0.00000988	1.93	6.49	0.0546	0.000675	10.2	0.00444	0.0388	0.000342	0.000292	0.000145	0.141	0.00000207	0.000199	0.000704	0.00166	0.0000595
2085 Jul	190	0.0628	0.0862	0.00259	23.8	0.042	46.9	0.00109	0.00094	0.00000489	0.00643	0.00146	0.0402	0.0211	0.00000505	25.6	0.0000216	0.00043	0.000322	0.00128	0.058	0.00000992	1.94	6.54	0.0548	0.00068	10.2	0.00447	0.0389	0.000343	0.000294	0.000146	0.141	0.00000207	0.000201	0.000706	0.00167	0.0000596
2085 Aug	192	0.0628	0.0864	0.0026	23.8	0.0424	47.7	0.00109	0.0009939	0.00000488	0.00644	0.00147	0.0408	0.0211	0.00000505	25.7	0.0000217	0.000431	0.000323	0.00129	0.058	0.00000997	1.95	6.62	0.055	0.000688	10.2	0.00453	0.0389	0.000343	0.000297	0.000147	0.142	0.00000208	0.000202	0.000709	0.00167	0.0000596
2085 Sep	194	0.0628	0.0864	0.0026	23.8	0.0428	48.7	0.00109	0.0009938	0.00000488	0.00644	0.00147	0.0415	0.0211	0.00000505	25.9	0.0000218	0.000432	0.000324	0.0013	0.0579	0.00001	1.95	6.73	0.0552	0.000698	10.2	0.00461	0.0388	0.000342	0.0003	0.000148	0.142	0.00000207	0.000205	0.00071	0.00168	0.0000595
2085 Oct	195	0.0628	0.0863	0.0026	23.7	0.043	49.2	0.00109	0.0009936	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000505	26	0.0000218	0.000433	0.000324	0.0013	0.0578	0.00001	1.96	6.79	0.0553	0.000703	10.2	0.00465	0.0388	0.000342	0.000301	0.000149	0.143	0.00000207	0.000206	0.000711	0.00168	0.0000594
2085 Nov	194	0.0628	0.0863	0.0026	23.7	0.043	49.2	0.00109	0.0009936	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000504	26	0.0000218	0.000434	0.000324	0.0013	0.0578	0.00001	1.96	6.79	0.0553	0.000704	10.2	0.00465	0.0387	0.000341	0.000301	0.000149	0.143	0.00000207	0.000206	0.00071	0.00167	0.0000593
2085 Dec	194	0.0628	0.0862	0.0026	23.7	0.043	49.2	0.00109	0.0009935	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000504	26	0.0000218	0.000434	0.000324	0.0013	0.0578	0.00001	1.96	6.79	0.0553	0.000705	10.2	0.00465	0.0387	0.000341	0.000301	0.000149	0.143	0.00000207	0.000206	0.00071	0.00167	0.0000593
2086 Jan	194	0.0628	0.0862	0.0026	23.7	0.043	49.2	0.00109	0.0009935	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000504	26	0.0000218	0.000434	0.000324	0.0013	0.0578	0.00001	1.96	6.79	0.0553	0.000705	10.2	0.00465	0.0387	0.000341	0.000301	0.000149	0.143	0.00000207	0.000206	0.00071	0.00167	0.0000593
2086 Feb	194	0.0628	0.0862	0.0026	23.7	0.043	49.2	0.00109	0.0009935	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000504	26	0.0000218	0.000434	0.000324	0.0013	0.0578	0.00001	1.96	6.79	0.0553	0.000705	10.2	0.00465	0.0387	0.000341	0.000301	0.000149	0.143	0.00000207	0.000206	0.00071	0.00167	0.0000593
2086 Mar	194	0.0628	0.0862	0.0026	23.7	0.043	49.2	0.00109	0.0009936	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000504	26	0.0000218	0.000434	0.000324	0.0013	0.0578	0.00001	1.96	6.79	0.0553	0.000705	10.2	0.00465	0.0387	0.000341	0.000301	0.000149	0.143	0.00000207	0.000206	0.00071	0.00167	0.0000593
2086 Apr	194	0.0628	0.0863	0.0026	23.7	0.043	49.2	0.00109	0.0009936	0.00000487	0.00644	0.00147	0.0419	0.0211	0.00000505	26	0.0000218	0.000434	0.000324	0.0013	0.0578	0.00001	1.96	6.8	0.0553	0.000705	10.2	0.00465	0.0387	0.000341	0.000301	0.000149	0.143	0.00000207	0.000207	0.00071	0.00167	0.0000593
2086 May	194	0.0629	0.0863	0.0026	23.7	0.0431	49.3	0.00109	0.0009936	0.00000487	0.00645	0.00147	0.042	0.0211	0.00000505	26.1	0.0000219	0.000435	0.000324	0.0013	0.0579	0.00001	1.96	6.81	0.0554	0.000706	10.2	0.00466	0.0388	0.000342	0.000302	0.00015	0.143	0.00000207	0.000207	0.00071	0.00168	0.0000593
2086 Jun	189	0.0628	0.086	0.00259	23.6	0.042	46.8	0.0011	0.0009935	0.00000486	0.0064	0.00148	0.0403	0.0212	0.00000503	25.6	0.0000215	0.000439	0.000323	0.00128	0.058	0.00000989	1.95	6.53	0.055	0.000683	10.1	0.00447	0.0387	0.000345	0.000293	0.000146	0.142	0.00000206	0.000203	0.000706	0.00166	0.00059
2086 Jul	189	0.0629	0.0863	0.0026	23.6	0.042	46.6	0.0011	0.0009936	0.00000487	0.0064	0.00148	0.0401	0.0212	0.00000504	25.6	0.0000215	0.000441	0.000323	0.00128	0.058	0.00000989	1.96	6.51	0.055	0.000682	10.1	0.00445	0.0388	0.000345	0.000293	0.000146	0.142	0.00000207	0.000204	0.000706	0.00166	0.0000591
2086 Aug	190	0.063	0.0865	0.00261	23.6	0.0423	47.4	0.0011	0.0009937	0.00000487	0.00642	0.00148	0.0407	0.0212	0.00000504	25.7	0.0000216	0.000442	0.000324	0.00129	0.0581	0.00000994	1.96	6.59	0.0552	0.00069	10.1	0.00451	0.0388	0.000345	0.000296	0.000147	0.142	0.00000207	0.000205	0.000708	0.00166	0.0000591
2086 Sep	192	0.0629	0.0866	0.00261	23.6	0.0427	48.3	0.0011	0.0009935	0.00000487	0.00642	0.00148	0.0413	0.0212	0.00000504	25.9	0.0000217	0.000443	0.000325	0.00129	0.058	0.00000998	1.97	6.68	0.0554	0.000698	10.1	0.00458	0.0388	0.000344	0.000298	0.000149	0.143	0.00000207	0.000207	0.00071	0.00167	0.00059
2086 Oct	193	0.0629	0.0866	0.00261	23.6	0.0429	48.9	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0418	0.0212	0.00000504	26	0.0000218	0.000444	0.000325	0.0013	0.058	0.00001	1.97	6.75	0.0556	0.000705	10.1	0.00463	0.0387	0.000344	0.0003	0.00015	0.143	0.00000207	0.000209	0.000711	0.00167	0.0000589
2086 Nov	193	0.0629	0.0866	0.00261	23.6	0.043	49	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0419	0.0212	0.00000505	26	0.0000218	0.000444	0.000325	0.0013	0.058	0.00001	1.97	6.76	0.0556	0.000706	10.1	0.00463	0.0387	0.000344	0.000301	0.00015	0.144	0.00000207	0.000209	0.000711	0.00167	0.0000589
2086 Dec	193	0.0629	0.0866	0.00261	23.6	0.043	49	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0419	0.0212	0.00000505	26	0.0000218	0.000444	0.000325	0.0013	0.058	0.00001	1.97	6.77	0.0556	0.000706	10.1	0.00464	0.0387	0.000344	0.000301	0.00015	0.144	0.00000207	0.000209	0.000711	0.00167	0.0000589
2087 Jan	193	0.0629	0.0866	0.00261	23.6	0.043	49	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0419	0.0212	0.00000505	26	0.0000218	0.000444	0.000325	0.0013	0.058	0.00001	1.97	6.77	0.0556	0.000706	10.1	0.00464	0.0387	0.000344	0.000301	0.00015	0.144	0.00000207	0.000209	0.000711	0.00167	0.0000589
2087 Feb	193	0.0629	0.0866	0.00261	23.6	0.043	49	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0419	0.0212	0.00000505	26	0.0000218	0.000444	0.000325	0.0013	0.058	0.00001	1.97	6.77	0.0556	0.000706	10.1	0.00464	0.0387	0.000344	0.000301	0.00015	0.144	0.00000207	0.000209	0.000711	0.00167	0.0000589
2087 Mar	193	0.0629	0.0866	0.00261	23.6	0.043	49	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0419	0.0212	0.00000505	26.1	0.0000218	0.000445	0.000325	0.0013	0.058	0.00001	1.97	6.77	0.0556	0.000706	10.1	0.00464	0.0387	0.000344	0.000301	0.00015	0.144	0.00000207	0.000209	0.000712	0.00167	0.0000589
2087 Apr	193	0.0629	0.0866	0.00261	23.6	0.043	49	0.0011	0.0009935	0.00000487	0.00643	0.00149	0.0419	0.0212	0.00000505	26.1	0.0000218	0.000445	0.000325	0.0013	0.058	0.00001	1.97	6.77	0.0556	0.000707	10.1	0.00464	0.0387	0.000344	0.000301	0.00015	0.144	0.00000207	0.000209	0.000712	0.00167	0.00059
2087 May	192	0.063	0.0866	0.00261	23.6	0.0429	48.7	0.0011	0.0009936	0.00000487	0.00643	0.00149	0.0417	0.0212	0.00000505	26	0.0000217	0.000445	0.000326	0.0013	0.0581	0.00001	1.98	6.73	0.0557	0.000703	10.1	0.00461	0.0388	0.000345	0.0003	0.00015	0.144	0.00000207	0.000209	0.000712	0.00167	0.0000589
2087 Jun	189	0.063	0.0865	0.00261	23.5	0.042	46.8	0.00111	0.0009936	0.00000487	0.0064	0.00149	0.0403	0.0214	0.00000504	25.8	0.0000215	0.000449	0.000326	0.00128	0.0585	0.00000991	1.97	6.54	0.0557	0.000686	10.1	0.00447	0.0388	0.00035	0.000294	0.000147	0.143	0.00000207	0.000206	0.000711	0.00166	0.0000586
2087 Jul	190	0.0631	0.0867	0.00262	23.6	0.0423	47.3	0.00111	0.0009937	0.00000488	0.00641	0.0015	0.0407	0.0214	0.00000505	25.9	0.0000216	0.00045	0.000327	0.00129	0.0586	0.00000995	1.98	6.6	0.0559	0.000691	10.1	0.00451	0.0389	0.00035	0.000296	0.000148	0.143	0.00000207	0.000207	0.000713	0.00166	0.0000587
2087 Aug	191	0.0632	0.087	0.00262	23.6	0.0425	47.8	0.00111	0.0009938	0.00000488	0.00643	0.0015	0.041	0.0214	0.00000506	26	0.0000217	0.000451	0.000328	0.0013	0.0587	0.00000998	1.99	6.65	0.0561	0.000696	10.1	0.00455	0.039	0.000351	0.000297	0.000149	0.144	0.00000208	0.000208	0.000715	0.00167	0.0000588
2087 Sep	193	0.0633	0.0871	0.00263	23.7	0.0428	48.4	0.00111	0.0009939	0.00000489	0.00644	0.00151	0.0415	0.0215	0.00000506	26.1	0.0000218	0.000453	0.000329	0.0013	0.0587	0.00001	1.99	6.72	0.0563	0.000703	10.1	0.0046	0.039	0.000351	0.0003	0.00015	0.145	0.00000208	0.00021	0.000718	0.00167	0.0000588
2087 Oct	194	0.0632	0.0871	0.00263	23.6	0.0431	49.1	0.00111	0.0009938	0.00000488	0.00644	0.00151	0.042	0.0214	0.00000506	26.3	0.0000218	0.000453	0.00033	0.00131	0.0587	0.0000101	2	6.79	0.0564	0.000709	10.1	0.00465	0.0389	0.000351	0.000302	0.000151	0.145	0.00000208	0.000212	0.000719	0.00167	0.0000587
2087 Nov	194	0.0632	0.0871	0.00263	23.6	0.0431	49.2	0.00111	0.0009937	0.00000488	0.00645	0.00151	0.0421	0.0214	0.00000506	26.3	0.0000219	0.000453	0.00033	0.00131	0.0586	0.0000101	2	6.81	0.0565	0.000711	10.1	0.00466	0.0389	0.000351	0.000302	0.000151	0.145	0.00000208	0.000212	0.000719	0.00167	0.0000587
2087 Dec	194	0.0632	0.0871	0.00263	23.6	0.0432	49.3	0.00111	0.0009937	0.00000488	0.00645	0.00151	0.0422	0.0214	0.00000506	26.3	0.0000219	0.000454	0.00033	0.00131	0.0586	0.0000101	2	6.82	0.0565	0.000712	10.1	0.00467	0.0389	0.000351	0.000303	0.000152	0.145	0.00000208	0.000212	0.000719	0.00167	0.0000587
2088 Jan	194	0.0632	0.0871	0.00263	23.6	0.0432	49.3	0.00111	0.0009937	0.00000488	0.00645	0.00151	0.0422	0.0214	0.00000506	26.3	0.0000219	0.000454	0.00033	0.00131	0.0586	0.0000101	2	6.82	0.0565	0.000712	10.1	0.00467	0.0389	0.000351	0.000303	0.000152	0.145	0.00000208	0.000212	0.000719	0.00167	0.0000587
2088 Feb	194	0.0632	0.0871	0.00263	23.6	0.0432	49.3	0.00111	0.0009937	0.00000488	0.00645	0.00151	0.0422	0.0214	0.00000506	26.3	0.0000219	0.000454	0.00033	0.00131	0.0586	0.0000101	2	6.82	0.0565	0.000712	10.1	0.00467	0.0389	0.000351	0.000303	0.000152	0.145	0.00000208	0.000212	0.000719	0.00167	0.0000587
2088 Mar	194	0.0632	0.0871	0.00263	23.6	0.0432	49.3	0.00111	0.0009937	0.00000488	0.00645	0.00151	0.0422	0.0214	0.00000506	26.3	0.0000219	0.000454	0.00033	0.00131	0.0586	0.0000101	2	6.82	0.0565	0.000712	10.1	0.00467	0.0389	0.000351	0.000303	0.000152	0.145	0.00000208	0.000212	0.000719	0.00167	0.0000587
2088 Apr	194	0.0633	0.0871	0.00263	23.6	0.0432	49.4	0.00111	0.0009938	0.00000488	0.00645	0.00151	0.0422	0.0214	0.00000507	26.3	0.0000219	0.000454	0.00033	0.00131	0.0587	0.0000101	2	6.83	0.0565	0.000713	10.1	0.00467	0.0389	0.000351	0.000303	0.000152	0.145	0.00000208	0.000212	0.00072	0.00168	0.0000587
2088 May	194	0.0633	0.0872	0.00263	23.7	0.0433	49.4	0.00111	0.0009939	0.00000489	0.00646	0.00151	0.0423	0.0215	0.00000507	26.4	0.0000219	0.000454	0.00033	0.00131	0.0587	0.0000101	2	6.84	0.0566	0.000713	10.1	0.00468	0.039	0.000351	0.000303	0.000152	0.145	0.00000208	0.000212	0.000721	0.00168	0.0000588
2088 Jun	193	0.0631	0.087	0.00263	23.6	0.0429	48.7	0.00111	0.0009939	0.00000489	0.00645	0.00151	0.0418	0.0214	0.00000507	26.2	0.0000218	0.000454	0.00033	0.00131	0.0587	0.0000101	2	6.75	0.0563	0.000706	10.1	0.00463	0.039	0.00035	0.000301	0.000151	0.145	0.00000208	0.000211	0.000718	0.00168	0.0000585
2088 Jul	194	0.0632	0.0872	0.00263	23.6	0.043	48.9	0.00112	0.0009941	0.0000049	0.00647	0.00151	0.0419	0.0215	0.00000508	26.2	0.0000219	0.000456	0.00033	0.00131	0.0588	0.0000101	2	6.76	0.0564	0.000708	10.1	0.00464	0.0391	0.000351	0.000302	0.000151	0.145	0.00000208	0.000212	0.00072	0.00168	0.0000585
2088 Aug	195	0.0633	0.0875	0.00264	23.7	0.0433	49.3	0.00112	0.0009944	0.00000491	0.00649	0.00152	0.0422	0.0215	0.0000051	26.4	0.000022	0.000457	0.00033	0.00131	0.0589	0.0000101	2.01	6.82	0.0566	0.000713	10.1	0.00467	0.0392	0.000352	0.000304	0.000152	0.146	0.00000209	0.000213	0.000723	0.00169	0.0000587
2088 Sep	196	0.0634	0.0876	0.00265	23.7	0.0435	49.9	0.00112	0.0009944	0.00000491	0.0065	0.00152	0.0427	0.0215	0.0000051	26.5	0.0000221	0.000458	0.000332	0.00132	0.059	0.0000102	2.01	6.89	0.0568	0.000719	10.2	0.00472	0.0392	0.000352	0.000306	0.000153	0.146	0.00000209	0.000215	0.000725	0.00169	0.0000587
2088 Oct	197	0.0633	0.0875	0.00264	23.6	0.0437	50.5	0.00112	0.0009942	0.00000491	0.0065	0.00152	0.0431	0.0215	0.00000509	26.6	0.0000221	0.000458	0.000332	0.00132	0.0588	0.0000102	2.01	6.95	0.0569	0.000725	10.1	0.00476	0.0391	0.000351	0.000308	0.000154	0.146	0.00000209	0.000216	0.000725	0.00169	0.0000585
2088 Nov	197	0.0633	0.0875	0.00264	23.6	0.0438	50.6	0.00112	0.0009942	0.0000049	0.0065	0.00152	0.0432	0.0215	0.00000509	26.6	0.0000222	0.000458	0.000331	0.00132	0.0588	0.0000102	2.01	6.96	0.0569	0.000726	10.1	0.00477	0.0391	0.00035	0.000308	0.000154	0.146	0.00000209	0.000216	0.000725	0.00169	0.0000585
2088 Dec	197	0.0633	0.0875	0.00264	23.6	0.0438	50.6	0.00112	0.0009942	0.0000049	0.0065	0.00152	0.0432	0.0215	0.00000509	26.6	0.0000222	0.000458	0.000332	0.00133	0.0588	0.0000102	2.01	6.96	0.0569	0.000727	10.1	0.00477	0.0391	0.00035	0.000308	0.000154	0.147	0.00000209	0.000216	0.000725	0.00169	0.0000585
2089 Jan	197	0.0633	0.0875	0.00264	23.6	0.0438	50.6	0.00112	0.0009942	0.0000049	0.0065	0.00152	0.0432	0.0215	0.00000509	26.6	0.0000222	0.000458	0.000332	0.00133	0.0588	0.0000102	2.01	6.96	0.0569	0.000727	10.1	0.00478	0.0391	0.00035	0.000308	0.000154	0.147	0.00000209	0.000216	0.000725	0.00169	0.0000585
2089 Mar	197	0.0633	0.0875	0.00264	23.6	0.0438	50.6	0.00112	0.0009942	0.0000049	0.0065	0.00152	0.0432	0.0215	0.00000509	26.6	0.0000222	0.000459	0.000332	0.00133	0.0588	0.0000102	2.01	6.96	0.0569	0.000727	10.1	0.00478	0.0391	0.00035	0.000308	0.000154	0.147	0.00000209	0.000216	0.000725	0.00169	0.0000585
2089 Apr	197	0.0634	0.0875	0.00264	23.6	0.0438	50.7	0.00112	0.0009942	0.0000049	0.0065	0.00152	0.0432	0.0215	0.0000051	26.6	0.0000222	0.000459	0.000332	0.00133	0.0588	0.0000102	2.02	6.96	0.0569	0.000727	10.1	0.00478	0.0392	0.00035	0.000308	0.000154	0.147	0.00000209	0.000216	0.000725	0.00169	0.0000585
2089 May	197	0.0634	0.0874	0.00264	23.6	0.0437	50.3	0.00112	0.0009943	0.00000491	0.00651	0.00152	0.0429	0.0216	0.0000051	26.6	0.0000221	0.000459	0.000332	0.00132	0.059	0.0000102	2.02	6.93	0.057	0.000723	10.1	0.00475	0.0393	0.000352	0.000307	0.000154	0.147	0.00000209	0.000215	0.000726	0.00169	0.0000583
2089 Jun	194	0.0635	0.0869	0.00263	23.6	0.0432	49	0.00112	0.0009946	0.00000492	0.00651	0.00153	0.042	0.0217	0.0000051	26.5	0.0000221	0.000461	0.000334	0.00132	0.0595	0.0000102	2.01	6.8	0.0571	0.000711	10.1	0.00466	0.0395	0.000357	0.000304	0.000152	0.146	0.00000209	0.000213	0.000728	0.00169	0.0000577
2089 Jul	196	0.0636	0.0872	0.00264	23.6	0.0435	49.7	0.00112	0.0009947	0.00000493	0.00653	0.00153	0.0426	0.0218	0.00000511	26.6	0.0000222	0.000462	0.000335	0.00132	0.0596	0.0000102	2.02	6.88	0.0574	0.000719	10.1	0.00471	0.0395	0.000357	0.000306	0.000153	0.147	0.00000021	0.000215	0.000731	0.0017	0.0000578
2089 Aug	197	0.0637	0.0873	0.00265	23.7	0.0438	50.4	0.00112	0.0009948	0.00000493	0.00655	0.00153	0.0431	0.0218	0.00000512	26.8	0.0000223	0.000464	0.000336	0.00133	0.0597	0.0000103	2.03	6.96	0.0576	0.000726	10.1	0.00476	0.0396	0.000357	0.000309	0.000154	0.148	0.00000021	0.000217	0.000733	0.0017	0.0000578
2089 Sep	199	0.0637	0.0874	0.00265	23.7	0.0442	51.3	0.00112	0.0009947	0.00000493	0.00656	0.00154	0.0437	0.0218	0.00000513	27	0.0000224	0.000465	0.000337	0.00134	0.0597	0.0000103	2.04	7.06	0.0578	0.000735	10.1	0.00483	0.0396	0.000357	0.000312	0.000156	0.148	0.00000021	0.000219	0.000736	0.00171	0.0000578
2089 Oct	200	0.0636	0.0872	0.00264	23.6	0.0444	51.9	0.00112	0.0009946	0.00000492	0.00656	0.00154	0.0442	0.0218	0.00000512	27	0.0000224	0.000465	0.000337	0.00134	0.0596	0.0000103	2.04	7.12	0.0579	0.000741	10.1	0.00488	0.0395	0.000356	0.000313	0.000157	0.149	0.00000021	0.00022	0.000736	0.00171	0.0000575
2089 Nov	200	0.0637	0.0871	0.00264	23.6	0.0445	51.9	0.00112	0.0009946	0.00000492	0.00656	0.00154	0.0442	0.0218	0.00000512	27.1	0.0000225	0.000466	0.000337	0.00134	0.0596	0.0000103	2.04	7.13	0.0579	0.000742	10.1	0.00488	0.0395	0.000356	0.000313	0.000157	0.149	0.00000021

Appendix D.3-4: FZONE Closure

Constituents	Total Dissolved Solids	Ammonia-N	Nitrate-N	Nitrite-N	Chloride	Fluoride	Sulphate	Total Cyanide	Weakly Acid Dissociable Cyanide	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Post Closure (2044-2099): Min	186	0.0623	0.0854	0.00256	23.1	0.0406	43.7	0.000927	0.000927	0.00000482	0.0046	0.00122	0.0369	0.0118	0.00000497	19	0.0000173	0.000231	0.000199	0.00118	0.0271	0.0000065	1.62	5.96	0.0363	0.000617	9.77	0.0042	0.0179	0.000122	0.00027	0.000126	0.12	0.00000206	0.000157	0.000394	0.00134	0.0000285
Post Closure (2044-2099): Mean	245	0.0862	0.196	0.00436	37.2	0.0441	51.7	0.00103	0.000941	0.00000488	0.00623	0.00141	0.0429	0.0191	0.00000507	24.6	0.0000214	0.000363	0.000296	0.00129	0.0523	0.00000962	1.87	6.77	0.0507	0.000714	18.2	0.00475	0.0359	0.000295	0.000299	0.000145	0.139	0.00000252	0.000191	0.000656	0.00166	0.0000554
Post Closure (2044-2099): Max	488	0.213	0.751	0.0136	95.6	0.0513	64.2	0.00121	0.000957	0.00000498	0.00674	0.00175	0.0507	0.0238	0.00000523	29.6	0.0000234	0.000575	0.000372	0.00145	0.0642	0.0000109	2.28	7.95	0.0648	0.000885	51.8	0.00544	0.0413	0.000397	0.000336	0.000174	0.165	0.00000509	0.00026	0.000787	0.00175	0.0000681
Water quality guideline for the protection of aquatic life	***1000***	***0.58***	***2.93***	***0.06***	***120***	***2.8***	***128***	**-**	**-**	***0.00025***	***0.1***	***0.025***	***1.5***	***1***	**-**	**-**	***variable***	***0.00078***	***0.005***	***variable***	***1.06***	***0.000026***	**-**	**-**	***variable***	***0.073***	**-**	***variable***	***0.01***	***variable***	***0.009***	***0.001***	***2.5***	***0.0008***	***0.015***	***0.12***	***variable***	**-**
2093 Oct	195	0.0652	0.0875	0.00267	23.2	0.0455	52.5	0.00116	0.000944	0.00000492	0.00657	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000516	0.000349	0.00137	0.0611	0.0000105	2.14	7.24	0.0603	0.000772	9.84	0.00495	0.04	0.000372	0.000314	0.000162	0.154	0.0000021	0.000236	0.000748	0.00169	0.0000546
2093 Nov	194	0.0652	0.0875	0.00267	23.1	0.0455	52.5	0.00116	0.000944	0.00000492	0.00656	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000516	0.000348	0.00137	0.0611	0.0000104	2.14	7.25	0.0602	0.000773	9.83	0.00495	0.04	0.000371	0.000314	0.000162	0.154	0.0000021	0.000236	0.000747	0.00169	0.0000545
2093 Dec	194	0.0652	0.0875	0.00267	23.1	0.0455	52.5	0.00116	0.000944	0.00000492	0.00657	0.00163	0.0454	0.0225	0.00000514	27.8	0.0000223	0.000516	0.000348	0.00137	0.0611	0.0000104	2.14	7.25	0.0602	0.000774	9.83	0.00496	0.04	0.000371	0.000314	0.000162	0.154	0.0000021	0.000236	0.000747	0.00169	0.0000545
2094 Jan	194	0.0652	0.0875	0.00267	23.1	0.0455	52.5	0.00116	0.000944	0.00000492	0.00657	0.00163	0.0455	0.0225	0.00000514	27.8	0.0000223	0.000516	0.000348	0.00137	0.0611	0.0000104	2.14	7.25	0.0603	0.000774	9.83	0.00496	0.04	0.000371	0.000314	0.000162	0.154	0.0000021	0.000236	0.000747	0.00169	0.0000545
2094 Feb	194	0.0652	0.0875	0.00267	23.1	0.0455	52.5	0.00116	0.000944	0.00000492	0.00657	0.00163	0.0455	0.0225	0.00000514	27.8	0.0000223	0.000516	0.000348	0.00137	0.0611	0.0000104	2.14	7.25	0.0603	0.000774	9.83	0.00496	0.04	0.000371	0.000314	0.000162	0.154	0.0000021	0.000236	0.000747	0.00169	0.0000545
2094 Mar	194	0.0652	0.0875	0.00267	23.1	0.0455	52.5	0.00116	0.000944	0.00000492	0.00657	0.00163	0.0455	0.0225	0.00000514	27.8	0.0000223	0.000517	0.000348	0.00137	0.0611	0.0000104	2.14	7.25	0.0603	0.000774	9.83	0.00496	0.04	0.000371	0.000314	0.000162	0.154	0.0000021	0.000236	0.000747	0.00169	0.0000545
2094 Apr	195	0.0652	0.0875	0.00267	23.2	0.0455	52.6	0.00116	0.000944	0.00000492	0.00657	0.00163	0.0455	0.0225	0.00000514	27.9	0.0000223	0.000517	0.000349	0.00137	0.0611	0.0000105	2.14	7.25	0.0603	0.000774	9.83	0.00496	0.04	0.000371	0.000314	0.000162	0.154	0.0000021	0.000236	0.000747	0.00169	0.0000545
2094 May	194	0.0653	0.0875	0.00267	23.2	0.0455	52.4	0.00117	0.000944	0.00000492	0.00656	0.00163	0.0454	0.0226	0.00000514	27.9	0.0000223	0.000519	0.000349	0.00137	0.0612	0.0000104	2.14	7.24	0.0604	0.000773	9.83	0.00495	0.04	0.000372	0.000314	0.000162	0.154	0.0000021	0.000236	0.000748	0.00168	0.0000545
2094 Jun	192	0.0656	0.0877	0.00268	23.2	0.0451	51.5	0.00117	0.000943	0.00000492	0.00655	0.00164	0.0448	0.0227	0.00000514	27.8	0.0000222	0.000523	0.00035	0.00137	0.0614	0.0000104	2.15	7.15	0.0605	0.000766	9.83	0.00488	0.0401	0.000376	0.000311	0.000162	0.155	0.0000021	0.000236	0.000748	0.00168	0.0000544
2094 Jul	193	0.0658	0.088	0.00269	23.2	0.0454	52	0.00117	0.000946	0.00000493	0.00657	0.00165	0.0452	0.0228	0.00000515	27.9	0.0000223	0.000525	0.000352	0.00137	0.0616	0.0000104	2.16	7.21	0.0608	0.000773	9.86	0.00493	0.0402	0.000377	0.000313	0.000163	0.155	0.0000021	0.000237	0.000751	0.00168	0.0000545
2094 Aug	195	0.066	0.0883	0.0027	23.3	0.0458	52.8	0.00118	0.000948	0.00000495	0.0066	0.00166	0.0458	0.0228	0.00000517	28.1	0.0000225	0.000528	0.000353	0.00138	0.0618	0.0000105	2.17	7.31	0.0612	0.000782	9.89	0.00499	0.0403	0.000378	0.000316	0.000164	0.156	0.0000021	0.00024	0.000755	0.00169	0.0000546
2094 Sep	196	0.066	0.0883	0.0027	23.3	0.0462	53.8	0.00118	0.000947	0.00000494	0.00661	0.00166	0.0465	0.0228	0.00000517	28.3	0.0000226	0.000529	0.000354	0.00139	0.0618	0.0000106	2.17	7.41	0.0614	0.000791	9.88	0.00506	0.0402	0.000377	0.000319	0.000165	0.157	0.0000021	0.000242	0.000757	0.0017	0.0000546
2094 Oct	198	0.0659	0.0882	0.00269	23.2	0.0466	54.7	0.00117	0.000945	0.00000493	0.00661	0.00166	0.0472	0.0228	0.00000516	28.5	0.0000227	0.000529	0.000355	0.0014	0.0616	0.0000106	2.18	7.51	0.0615	0.000801	9.86	0.00513	0.0402	0.000376	0.000322	0.000167	0.157	0.0000021	0.000244	0.000758	0.0017	0.0000544
2094 Nov	199	0.0659	0.0881	0.00269	23.2	0.0468	55.3	0.00117	0.000943	0.00000492	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615	0.0000106	2.18	7.58	0.0616	0.000807	9.84	0.00518	0.0401	0.000375	0.000323	0.000168	0.158	0.0000021	0.000245	0.000758	0.0017	0.0000542
2094 Dec	199	0.0659	0.0881	0.00269	23.2	0.0468	55.3	0.00117	0.000943	0.00000492	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615	0.0000106	2.18	7.58	0.0616	0.000808	9.84	0.00518	0.0401	0.000375	0.000324	0.000168	0.158	0.0000021	0.000245	0.000758	0.0017	0.0000542
2095 Jan	199	0.0659	0.0881	0.00269	23.2	0.0468	55.4	0.00117	0.000943	0.00000492	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615	0.0000106	2.18	7.59	0.0616	0.000808	9.84	0.00519	0.0401	0.000375	0.000324	0.000168	0.158	0.0000021	0.000245	0.000758	0.0017	0.0000542
2095 Feb	199	0.0659	0.0881	0.00269	23.2	0.0468	55.4	0.00117	0.000943	0.00000492	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615	0.0000106	2.18	7.59	0.0616	0.000808	9.84	0.00519	0.0401	0.000375	0.000324	0.000168	0.158	0.0000021	0.000245	0.000758	0.0017	0.0000542
2095 Mar	199	0.0659	0.0881	0.00269	23.2	0.0469	55.4	0.00117	0.000943	0.00000492	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615	0.0000106	2.18	7.59	0.0616	0.000808	9.84	0.00519	0.0401	0.000375	0.000324	0.000168	0.158	0.0000021	0.000245	0.000758	0.0017	0.0000542
2095 Apr	199	0.0659	0.0881	0.00269	23.2	0.0469	55.4	0.00117	0.000943	0.00000492	0.00661	0.00166	0.0477	0.0227	0.00000516	28.6	0.0000227	0.00053	0.000355	0.0014	0.0615	0.0000106	2.18	7.59	0.0616	0.000808	9.84	0.00519	0.0401	0.000375	0.000324	0.000168	0.158	0.0000021	0.000245	0.000759	0.0017	0.0000542
2095 May	199	0.066	0.0881	0.00269	23.2	0.0468	55.2	0.00117	0.000944	0.00000492	0.00661	0.00166	0.0476	0.0228	0.00000516	28.6	0.0000227	0.000531	0.000355	0.0014	0.0616	0.0000106	2.18	7.57	0.0617	0.000806	9.84	0.00517	0.0401	0.000376	0.000323	0.000168	0.158	0.0000021	0.000245	0.000759	0.0017	0.0000542
2095 Jun	198	0.0663	0.0883	0.0027	23.2	0.0466	54.7	0.00117	0.000945	0.00000493	0.00662	0.00167	0.0472	0.0229	0.00000517	28.6	0.0000227	0.000532	0.000356	0.0014	0.0618	0.0000106	2.18	7.52	0.0618	0.000803	9.85	0.00514	0.0403	0.000378	0.000322	0.000167	0.158	0.0000021	0.000245	0.00076	0.00169	0.0000541
2095 Jul	199	0.0665	0.0886	0.00271	23.3	0.0468	55.1	0.00118	0.000948	0.00000494	0.00664	0.00167	0.0475	0.0229	0.00000518	28.7	0.0000228	0.000534	0.000357	0.00141	0.062	0.0000106	2.19	7.56	0.062	0.000807	9.88	0.00517	0.0404	0.000379	0.000323	0.000168	0.159	0.0000212	0.000246	0.000763	0.0017	0.0000543
2095 Aug	201	0.0665	0.0887	0.00271	23.3	0.0471	55.8	0.00118	0.000947	0.00000494	0.00664	0.00167	0.048	0.0229	0.00000518	28.8	0.0000228	0.000535	0.000358	0.00141	0.062	0.0000107	2.19	7.63	0.0622	0.000814	9.88	0.00522	0.0403	0.000379	0.000325	0.000169	0.159	0.0000212	0.000247	0.000764	0.0017	0.0000542
2095 Sep	202	0.0665	0.0888	0.00271	23.3	0.0474	56.6	0.00118	0.000947	0.00000494	0.00665	0.00168	0.0486	0.0229	0.00000518	29	0.0000229	0.000536	0.000359	0.00142	0.062	0.0000107	2.2	7.72	0.0623	0.000822	9.88	0.00528	0.0403	0.000378	0.000328	0.00017	0.16	0.0000212	0.000249	0.000766	0.00171	0.0000542
2095 Oct	203	0.0665	0.0888	0.00271	23.3	0.0477	57.2	0.00118	0.000946	0.00000494	0.00666	0.00168	0.0491	0.0229	0.00000518	29.1	0.000023	0.000537	0.000359	0.00143	0.0619	0.0000108	2.2	7.8	0.0625	0.000829	9.88	0.00533	0.0403	0.000378	0.00033	0.000171	0.16	0.0000212	0.000251	0.000768	0.00171	0.0000541
2095 Nov	204	0.0664	0.0887	0.00271	23.3	0.0479	57.7	0.00117	0.000945	0.00000493	0.00666	0.00168	0.0494	0.0229	0.00000518	29.2	0.0000231	0.000537	0.000359	0.00143	0.0619	0.0000108	2.21	7.85	0.0626	0.000834	9.87	0.00537	0.0403	0.000378	0.000331	0.000172	0.16	0.0000212	0.000252	0.000768	0.00171	0.0000541
2095 Dec	204	0.0664	0.0887	0.00271	23.3	0.0479	57.7	0.00117	0.000945	0.00000493	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000537	0.000359	0.00143	0.0619	0.0000108	2.21	7.85	0.0626	0.000834	9.86	0.00537	0.0403	0.000377	0.000332	0.000172	0.16	0.0000212	0.000252	0.000768	0.00171	0.0000541
2096 Jan	204	0.0664	0.0887	0.00271	23.3	0.0479	57.8	0.00117	0.000945	0.00000493	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000537	0.000359	0.00143	0.0619	0.0000108	2.21	7.86	0.0626	0.000835	9.86	0.00537	0.0403	0.000377	0.000332	0.000172	0.16	0.0000212	0.000252	0.000768	0.00171	0.000054
2096 Feb	204	0.0664	0.0887	0.00271	23.3	0.0479	57.8	0.00117	0.000945	0.00000493	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000537	0.000359	0.00143	0.0619	0.0000108	2.21	7.86	0.0626	0.000835	9.86	0.00538	0.0403	0.000377	0.000332	0.000172	0.16	0.0000212	0.000252	0.000768	0.00171	0.000054
2096 Mar	204	0.0664	0.0887	0.00271	23.3	0.0479	57.8	0.00117	0.000945	0.00000493	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000537	0.000359	0.00143	0.0619	0.0000108	2.21	7.86	0.0626	0.000835	9.86	0.00538	0.0403	0.000377	0.000332	0.000172	0.16	0.0000212	0.000252	0.000768	0.00171	0.000054
2096 Apr	204	0.0664	0.0887	0.00271	23.3	0.048	57.8	0.00117	0.000945	0.00000493	0.00666	0.00168	0.0495	0.0229	0.00000518	29.2	0.0000231	0.000537	0.00036	0.00143	0.0619	0.0000108	2.21	7.86	0.0626	0.000835	9.87	0.00538	0.0403	0.000378	0.000332	0.000172	0.161	0.0000212	0.000252	0.000769	0.00171	0.0000541
2096 May	205	0.0665	0.0887	0.00271	23.3	0.0482	58.4	0.00117	0.000945	0.00000493	0.00667	0.00168	0.05	0.0229	0.00000519	29.3	0.0000232	0.000538	0.000361	0.00144	0.062	0.0000108	2.21	7.93	0.0628	0.000841	9.86	0.00542	0.0403	0.000378	0.000334	0.000173	0.161	0.0000212	0.000253	0.000771	0.00171	0.000054
2096 Jun	199	0.0663	0.088	0.0027	23.1	0.0472	56.1	0.00118	0.000945	0.00000493	0.00666	0.00168	0.0484	0.023	0.00000518	28.9	0.0000229	0.000542	0.000359	0.00142	0.0621	0.0000107	2.2	7.68	0.0625	0.00082	9.78	0.00525	0.0404	0.00038	0.000327	0.00017	0.16	0.0000212	0.00025	0.000767	0.0017	0.0000532
2096 Jul	199	0.0664	0.0883	0.0027	23.1	0.0472	55.7	0.00118	0.000947	0.00000494	0.00666	0.00169	0.0482	0.023	0.00000518	28.9	0.0000229	0.000544	0.000359	0.00142	0.0622	0.0000107	2.21	7.64	0.0624	0.000817	9.79	0.00522	0.0405	0.00038	0.000326	0.00017	0.16	0.0000212	0.00025	0.000767	0.00171	0.0000532
2096 Aug	200	0.0666	0.0885	0.00271	23.2	0.0474	56.3	0.00119	0.000949	0.00000495	0.00668	0.00169	0.0486	0.0231	0.0000052	29	0.000023	0.000546	0.00036	0.00142	0.0623	0.0000108	2.22	7.7	0.0627	0.000823	9.81	0.00527	0.0406	0.000381	0.000328	0.000171	0.16	0.0000212	0.000251	0.00077	0.00171	0.0000533
2096 Sep	202	0.0666	0.0885	0.00271	23.2	0.0477	57	0.00119	0.000948	0.00000495	0.00669	0.00169	0.0491	0.023	0.0000052	29.1	0.0000231	0.000546	0.000361	0.00143	0.0623	0.0000108	2.22	7.78	0.0628	0.000831	9.8	0.00532	0.0405	0.00038	0.000331	0.000172	0.161	0.0000212	0.000253	0.000771	0.00171	0.0000532
2096 Oct	203	0.0665	0.0884	0.00271	23.1	0.048	57.7	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0496	0.023	0.00000519	29.2	0.0000232	0.000546	0.00036	0.00143	0.0621	0.0000108	2.22	7.85	0.0628	0.000838	9.78	0.00537	0.0405	0.000378	0.000332	0.000172	0.161	0.0000212	0.000254	0.000771	0.00171	0.0000531
2096 Nov	203	0.0665	0.0884	0.00271	23.1	0.0481	57.8	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.00036	0.00143	0.0621	0.0000108	2.22	7.87	0.0628	0.000839	9.77	0.00538	0.0404	0.000378	0.000333	0.000173	0.161	0.0000212	0.000255	0.000771	0.00171	0.000053
2096 Dec	203	0.0665	0.0884	0.00271	23.1	0.0481	57.8	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.00036	0.00143	0.0621	0.0000108	2.22	7.87	0.0628	0.00084	9.77	0.00539	0.0404	0.000378	0.000333	0.000173	0.161	0.0000212	0.000255	0.000771	0.00171	0.000053
2097 Jan	203	0.0665	0.0884	0.00271	23.1	0.0481	57.8	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.00036	0.00143	0.0621	0.0000108	2.22	7.87	0.0628	0.00084	9.77	0.00539	0.0404	0.000378	0.000333	0.000173	0.161	0.0000212	0.000255	0.000771	0.00171	0.000053
2097 Feb	203	0.0665	0.0884	0.00271	23.1	0.0481	57.9	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.00036	0.00143	0.0621	0.0000108	2.22	7.87	0.0628	0.00084	9.77	0.00539	0.0404	0.000378	0.000333	0.000173	0.161	0.0000212	0.000255	0.000771	0.00171	0.000053
2097 Mar	203	0.0666	0.0884	0.00271	23.1	0.0481	57.9	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0497	0.023	0.00000519	29.3	0.0000232	0.000547	0.00036	0.00143	0.0621	0.0000108	2.22	7.87	0.0628	0.00084	9.77	0.00539	0.0404	0.000378	0.000333	0.000173	0.161	0.0000212	0.000255	0.000771	0.00171	0.000053
2097 Apr	203	0.0666	0.0884	0.00271	23.1	0.0481	57.9	0.00118	0.000945	0.00000493	0.00669	0.00169	0.0498	0.023	0.00000519	29.3	0.0000232	0.000547	0.00036	0.00143	0.0621	0.0000108	2.22	7.88	0.0629	0.00084	9.78	0.00539	0.0405	0.000378	0.000333	0.000173	0.161	0.0000212	0.000255	0.000771	0.00171	0.000053
2097 May	203	0.0666	0.0885	0.00271	23.1	0.0481	57.9	0.00118	0.000946	0.00000494	0.0067	0.0017	0.0498	0.023	0.00000519	29.3	0.0000232	0.000547	0.000361	0.00144	0.0622	0.0000108	2.22	7.88	0.0629	0.00084	9.78	0.00539	0.0405	0.000379	0.000333	0.000173	0.161	0.0000212	0.000255	0.000772	0.00171	0.0000531
2097 Jun	201	0.0668	0.0885	0.00272	23.1	0.0475	56.5	0.00119	0.000947	0.00000494	0.00669	0.0017	0.0487	0.0231	0.00000519	29.1	0.000023	0.000549	0.00036	0.00142	0.0623	0.0000108	2.22	7.72	0.0627	0.000828	9.77	0.00528	0.0406	0.00038	0.000329	0.000171	0.161	0.0000212	0.000253	0.000769	0.00171	0.0000529
2097 Jul	202	0.067	0.0888	0.00272	23.2	0.0478	56.8	0.00119	0.00095	0.00000496	0.00671	0.0017	0.049	0.0231	0.00000521	29.2	0.0000231	0.000551	0.000361	0.00143	0.0625	0.0000108	2.23	7.76	0.0629	0.000832	9.8	0.00531	0.0407	0.000381	0.00033	0.000172	0.161	0.0000213	0.000254	0.000772	0.00171	0.000053
2097 Aug	203	0.0671	0.089	0.00273	23.2	0.048	57.3	0.00119	0.000951	0.00000496	0.00672	0.00171	0.0494	0.0231	0.00000522	29.3	0.0000232	0.000552	0.000362	0.00144	0.0626	0.0000108	2.23	7.82	0.0631	0.000837	9.82	0.00535	0.0408	0.000382	0.000332	0.000173	0.162	0.0000213	0.000255	0.000774	0.00172	0.0000531
2097 Sep	204	0.0672	0.0891	0.00273	23.2	0.0482	57.8	0.00119	0.000951	0.00000496	0.00673	0.00171	0.0498	0.0232	0.00000522	29.4	0.0000233	0.000553	0.000363	0.00144	0.0626	0.0000109	2.24	7.87	0.0633	0.000843	9.82	0.00539	0.0408	0.000382	0.000334	0.000173	0.162	0.0000213	0.000257	0.000776	0.00172	0.0000531
2097 Oct	205	0.0671	0.0891	0.00273	23.2	0.0484	58.2	0.00119	0.00095	0.00000496	0.00674	0.00171	0.0501	0.0231	0.00000522	29.5	0.0000233	0.000554	0.000363	0.00144	0.0625	0.0000109	2.24	7.92	0.0633	0.000847	9.82	0.00542	0.0407	0.000381	0.000335	0.000174	0.162	0.0000213	0.000257	0.000776	0.00172	0.0000531
2097 Nov	205	0.0671	0.0891	0.00273	23.2	0.0484	58.4	0.00119	0.00095	0.00000496	0.00674	0.00171	0.0502	0.0231	0.00000522	29.5	0.0000234	0.000554	0.000363	0.00145	0.0625	0.0000109	2.24	7.94	0.0634	0.000849	9.81	0.00544	0.0407	0.000381	0.000335	0.000174	0.163	0.0000213	0.000258	0.000776	0.00172	0.000053
2097 Dec	205	0.0671	0.0891	0.00273	23.2	0.0485	58.5	0.00119	0.000949	0.00000496	0.00674	0.00171	0.0502	0.0231	0.00000522	29.5	0.0000234	0.000554	0.000363	0.00145	0.0625	0.0000109	2.24	7.94	0.0634	0.000849	9.81	0.00544	0.0407	0.000381	0.000336	0.000174	0.163	0.0000213	0.000258	0.000776	0.00172	0.000053
2098 Jan	205	0.0671	0.0891	0.00273	23.2	0.0485	58.5	0.00119	0.000949	0.00000496	0.00674	0.00171	0.0502	0.0231	0.00000522	29.5	0.0000234	0.000554	0.000363	0.00145	0.0625	0.0000109	2.24	7.95	0.0634	0.000849	9.81	0.00544	0.0407	0.000381	0.000336	0.000174	0.163	0.0000213	0.000258	0.000776	0.00172	0.000053
2098 Feb	205	0.0671	0.0891	0.00273	23.2	0.0485	58.5	0.00119	0.000949	0.00000496	0.00674	0.00171	0.0503	0.0231	0.00000522	29.5	0.0000234	0.000554	0.000363	0.00145	0.0625	0.0000109	2.24	7.95	0.0634	0.000849	9.81	0.00544